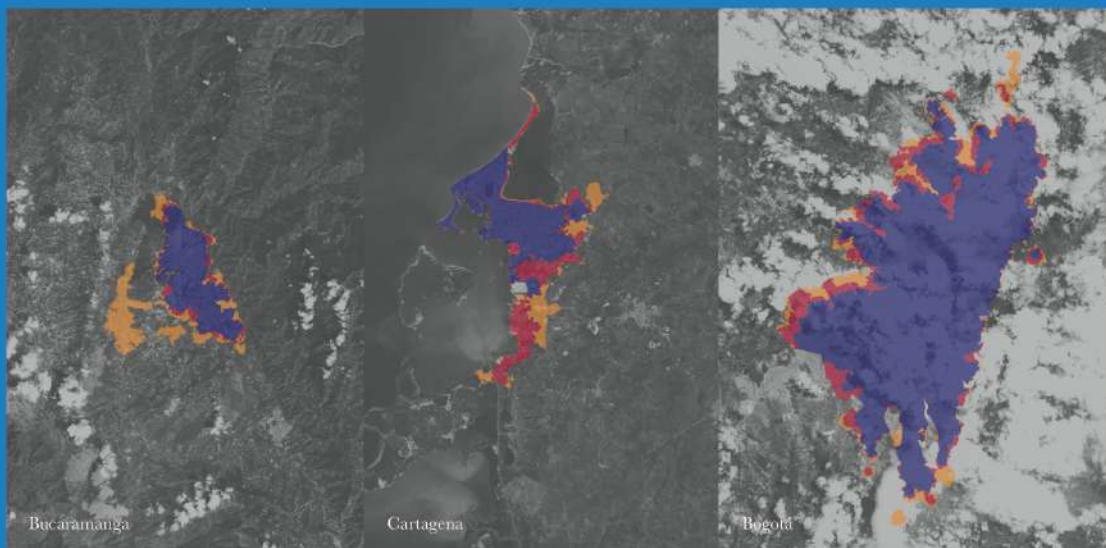


# Atlas de Expansión Urbana Colombia

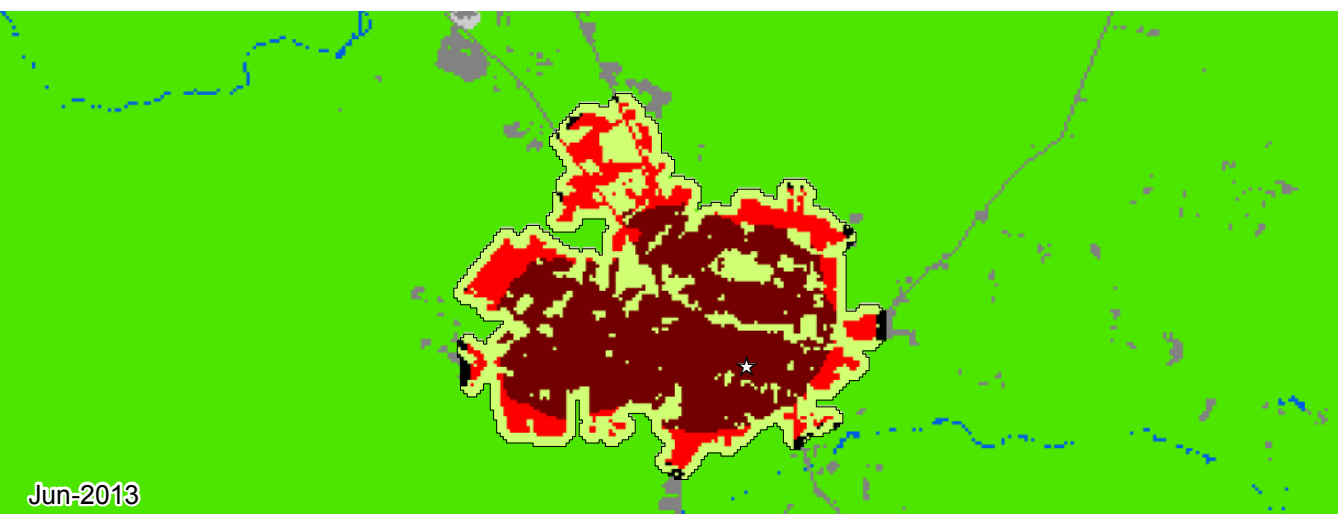
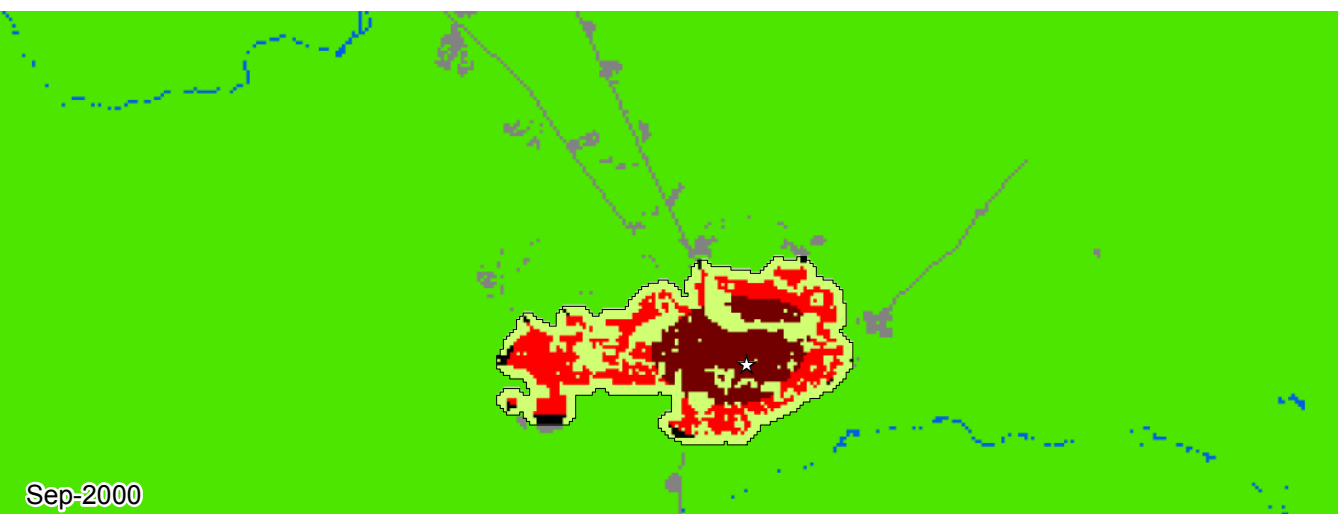
Volumen 1:  
Areas y Densidades  
Edición 2017



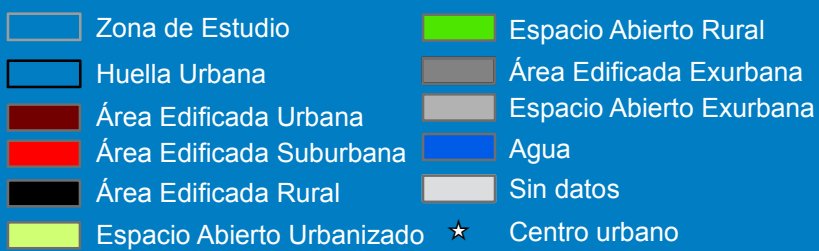
Shlomo Angel, Patrick Lamson-Hall,  
Nicolás Galarza Sánchez, and Alejandro M. Blei

# Mapas y Métricas para Ciudades y Conurbaciones del Programa POTs Modernos

Esta sección contiene mapas y métricas para los municipios y aglomeraciones de los municipios y aglomeraciones incluidos en el programa POTs Modernos. Al final de este capítulo encontrará un listado con los municipios por departamento. En la pagina izquierda para cada ciudad se presentan mapas de la huella urbana y su composición para tres fechas en ~1990, ~2000 y ~2016. La pagina derecha muestra un mapa de la ubicación del municipio o la aglomeración en el mapa de Colombia, y presenta una tabla con valores para atributos claves y su cambio en el tiempo así como también presenta graficas que compraran estos atributos con otras ciudades en el país y con los promedios de Colombia y del mundo.



## Acacías, Meta 1988-2013



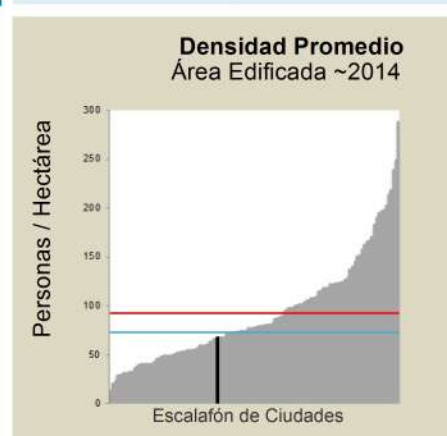
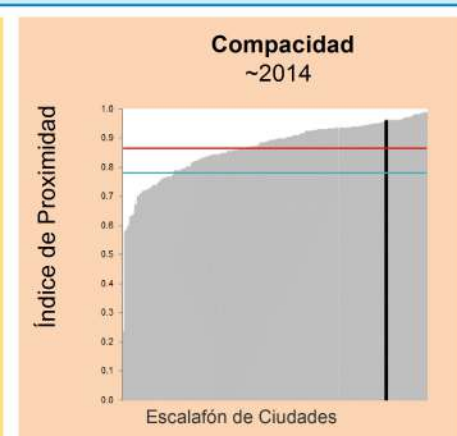
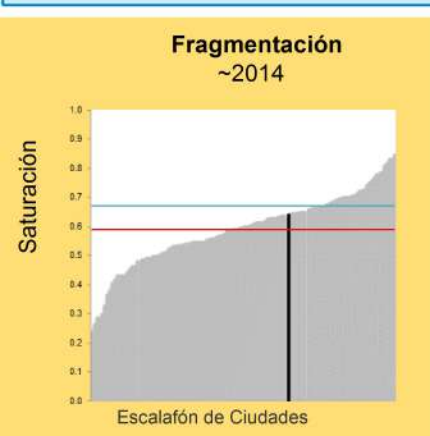
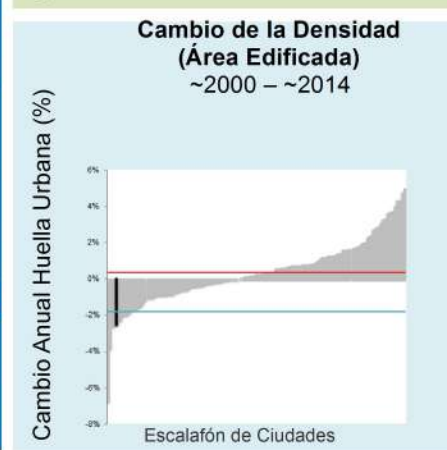
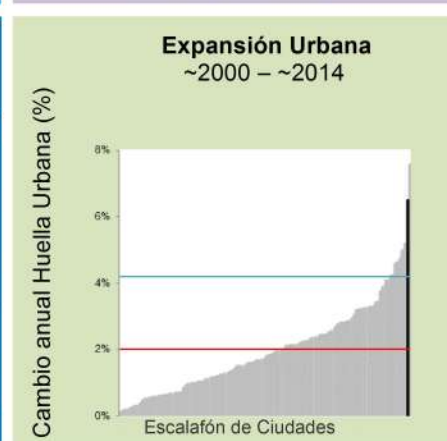


**Legenda**

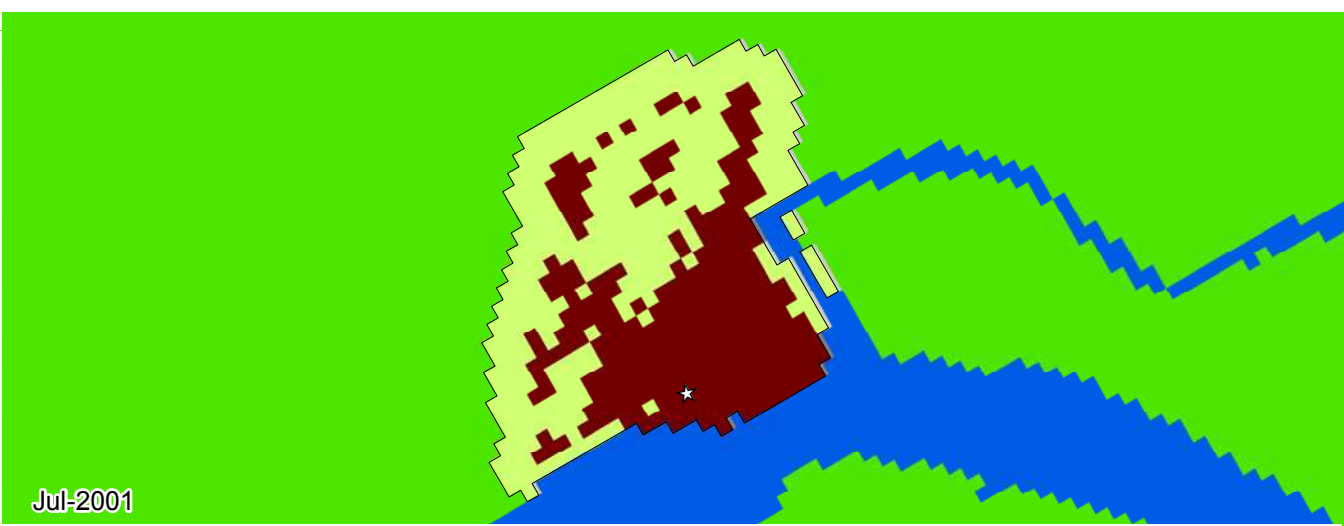
- Acacias |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



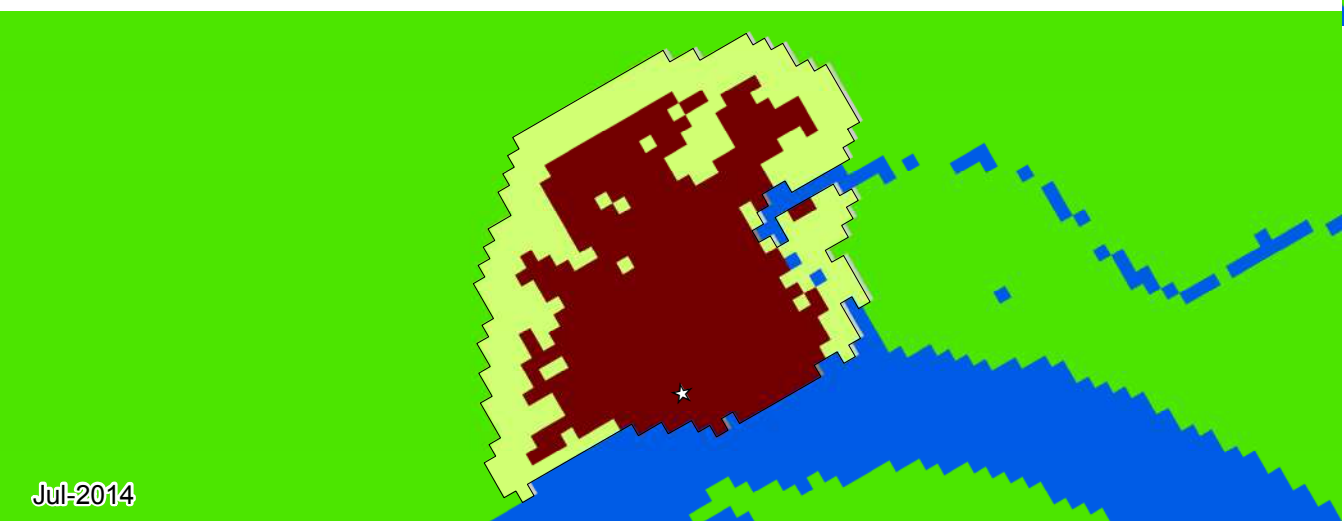
| Métrica                             | Mar 1988 | Sep 2000 | Jun 2013 | Cambio Anual % ('00-'13) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 19,489   | 33,630   | 55,574   | 3.9                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 137.8    | 194.6    | 531.6    | 7.9                      |
| Urbana                              | 66.4     | 81.7     | 377.6    | 12.0                     |
| Suburbana                           | 64.5     | 106.4    | 143.4    | 2.3                      |
| Rural                               | 6.8      | 6.5      | 10.6     | 3.9                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 114      | 167      | 297      | 4.5                      |
| Huella Urbana                       | 252      | 362      | 829      | 6.5                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 141.4    | 172.8    | 104.5    | -3.9                     |
| Densidad de la Huella Urbana        | 77.3     | 92.9     | 67.0     | -2.6                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.55     | 0.54     | 0.64     | 1.4                      |
| Índice de Apertura                  | 0.50     | 0.52     | 0.37     | -2.6                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.97     | 0.85     | 0.96     | 0.9                      |
| Cohesión                            | 0.97     | 0.85     | 0.95     | 0.9                      |
| Área Agregada (Hectáreas)           | '88-'00  | Porción  | '00-'13  | Porción                  |
| Relleno                             | 5.22     | 9.24%    | 61.02    | 18.14%                   |
| Extensión                           | 16.38    | 29.0%    | 224.01   | 66.59%                   |
| Crecimiento Discontinuo             | 11.88    | 21.03%   | 18.36    | 5.46%                    |
| Inclusión                           | 23.0     | 40.72%   | 33.0     | 9.81%                    |



Ene-1987



Jul-2001



Jul-2014

**Achí, Bolívar  
1987-2014**

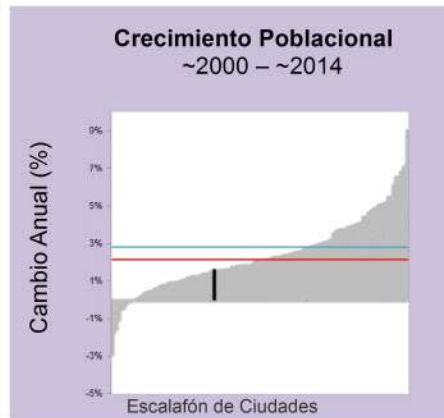
0 0.25 0.5 km

|                            |                          |
|----------------------------|--------------------------|
| Zona de Estudio            | Espacio Abierto Rural    |
| Huella Urbana              | Área Edificada Exurbana  |
| Área Edificada Urbana      | Espacio Abierto Exurbana |
| Área Edificada Suburbana   | Agua                     |
| Área Edificada Rural       | Sin datos                |
| Espacio Abierto Urbanizado | Centro urbano            |

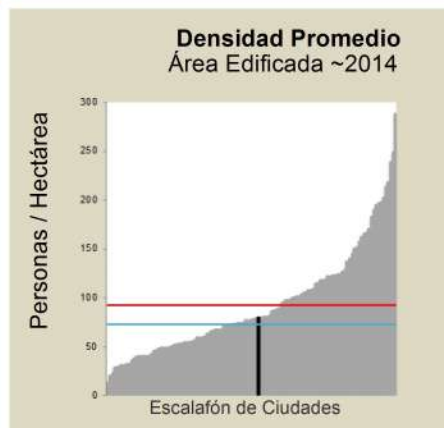
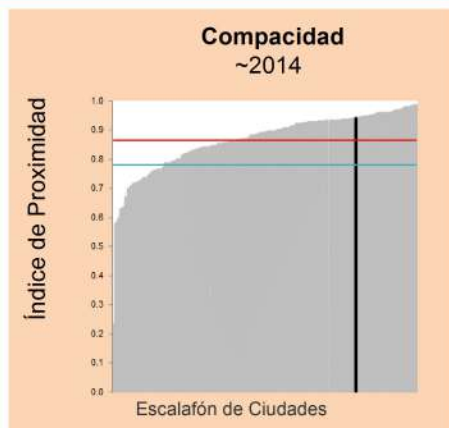
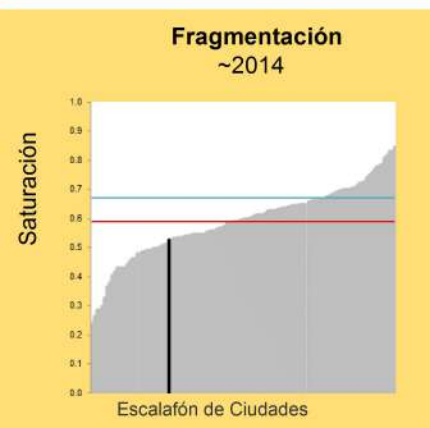
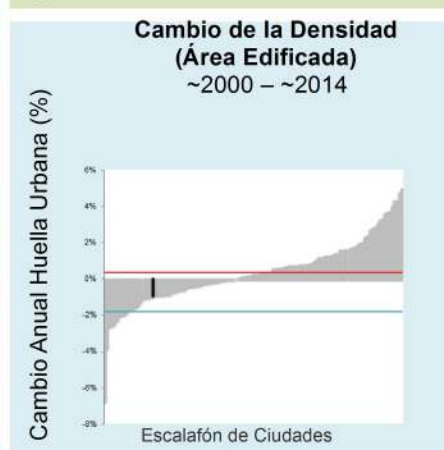
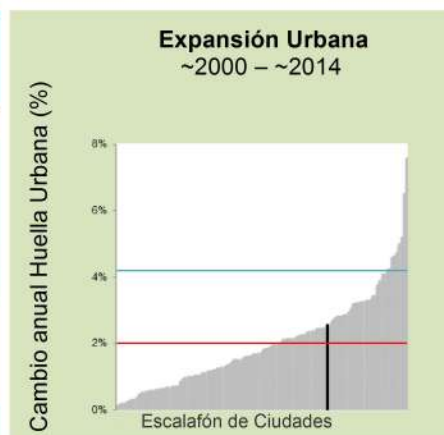


**Legenda**

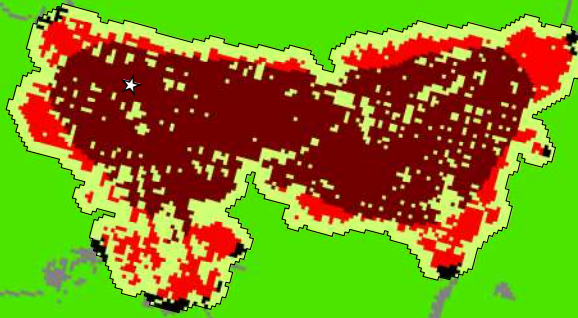
- Achí |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



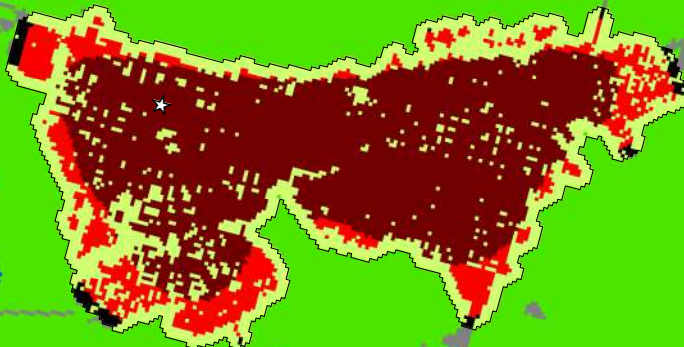
| Métrica                             | Ene 1987 | Jul 2001 | Jul 2014 | Cambio Anual % ('01-'14) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 4,443    | 4,871    | 5,992    | 1.6                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 15.8     | 24.6     | 39.7     | 3.7                      |
| Urbana                              | 15.8     | 24.5     | 38.5     | 3.5                      |
| Suburbana                           | 0.0      | 0.0      | 0.0      | 0.0                      |
| Rural                               | 0.0      | 0.1      | 1.2      | 19.7                     |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 10       | 29       | 35       | 1.4                      |
| Huella Urbana                       | 26       | 54       | 75       | 2.5                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 280.5    | 198.3    | 151.0    | -2.1                     |
| Densidad de la Huella Urbana        | 165.7    | 90.1     | 79.5     | -1.0                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.59     | 0.45     | 0.53     | 1.1                      |
| Índice de Apertura                  | 0.84     | 0.77     | 0.67     | -1.1                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.88     | 0.98     | 0.94     | -0.3                     |
| Cohesión                            | 0.84     | 0.96     | 0.92     | -0.3                     |
| Área Agregada (Hectáreas)           | '87-'01  | Porción  | '01-'14  | Porción                  |
| Relleno                             | 0.27     | 3.09%    | 8.91     | 58.93%                   |
| Extensión                           | 6.75     | 77.32%   | 4.5      | 29.76%                   |
| Crecimiento Discontinuo             | 1.71     | 19.59%   | 1.71     | 11.31%                   |
| Inclusión                           | 0.0      | 0.0%     | 0.0      | 0.0%                     |



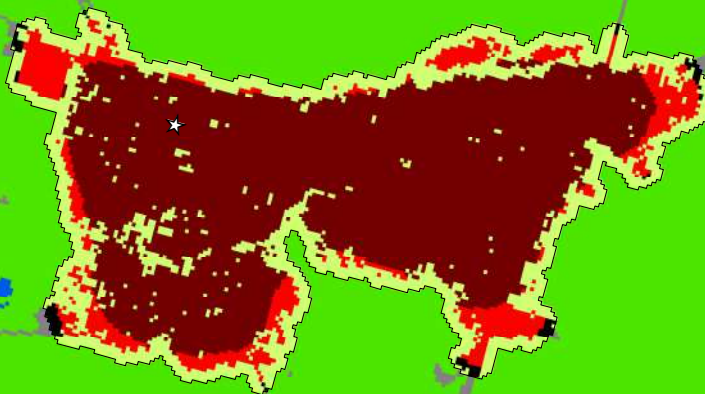
Jul-1989



Ene-2001

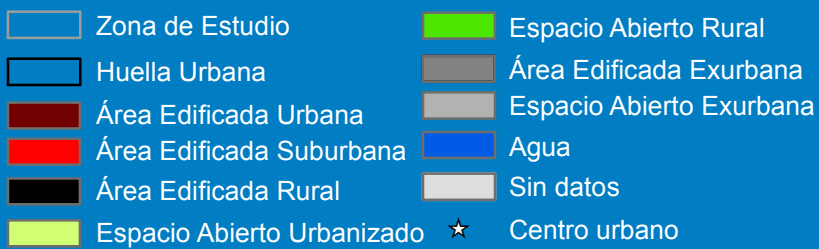


Ene-2010



Aguachica, Cesar  
1989-2010

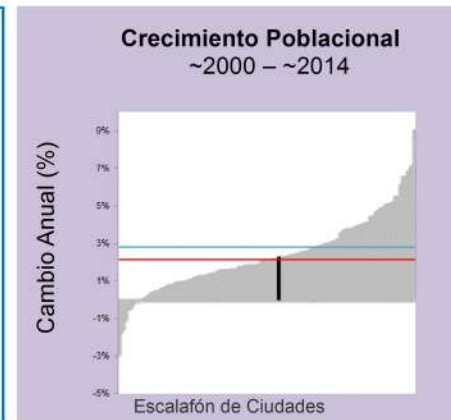
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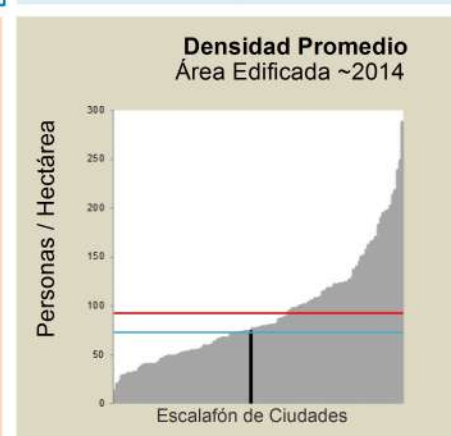
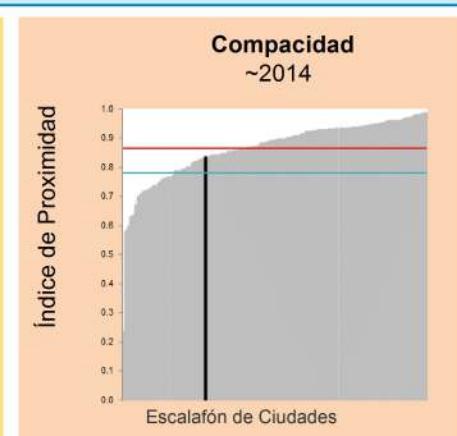
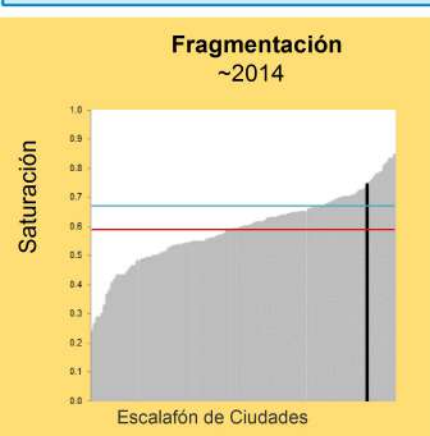
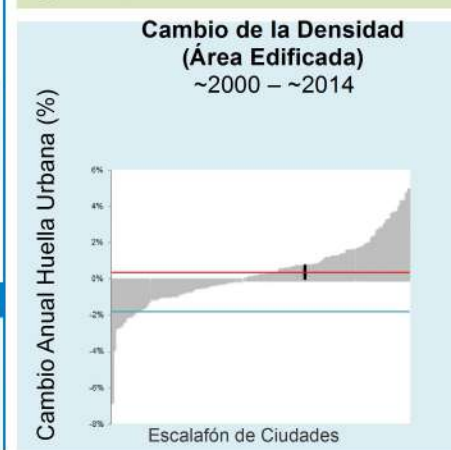
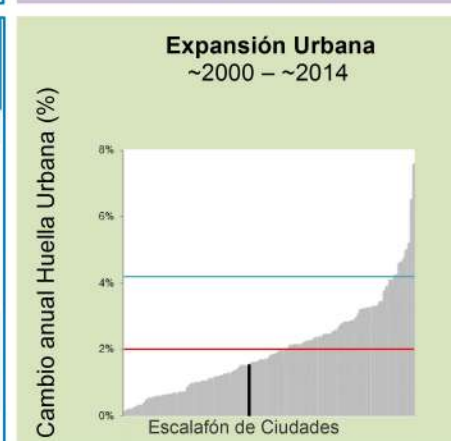


**Legenda**

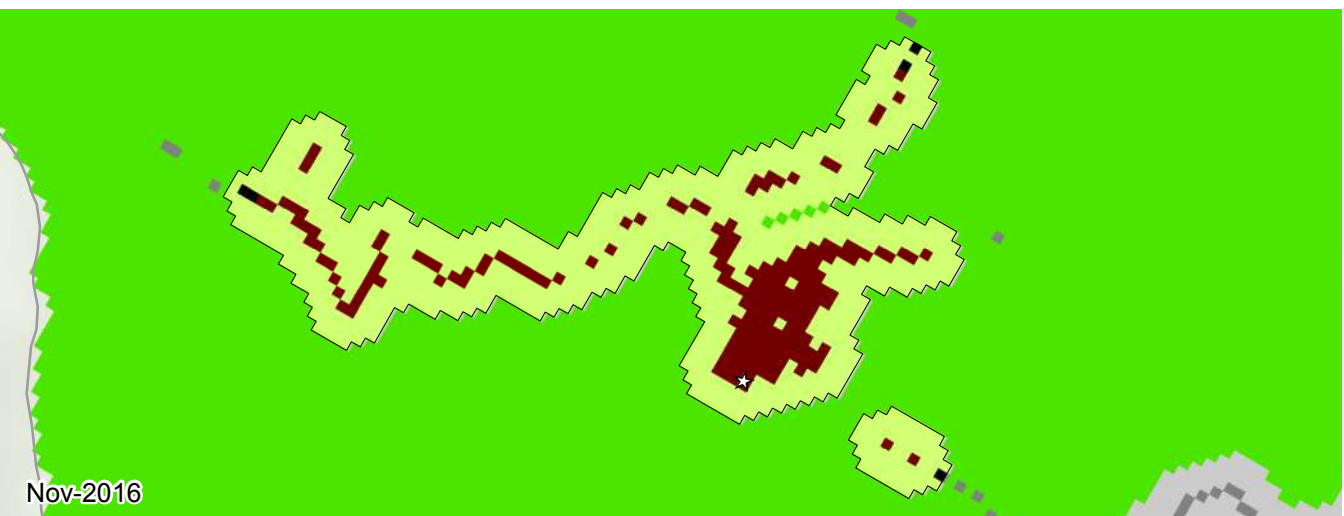
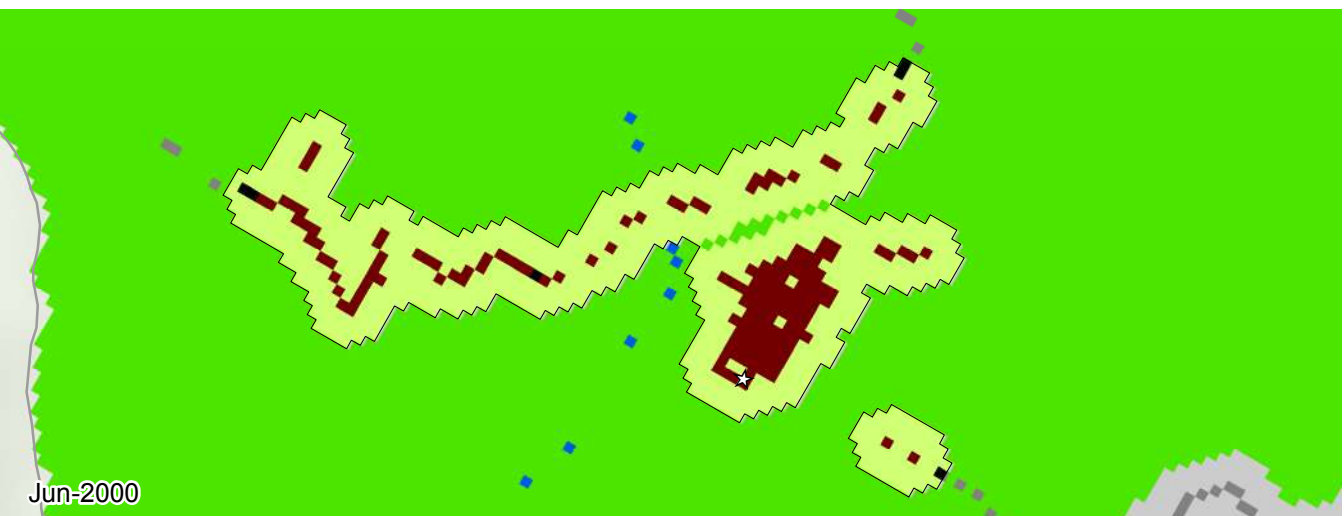
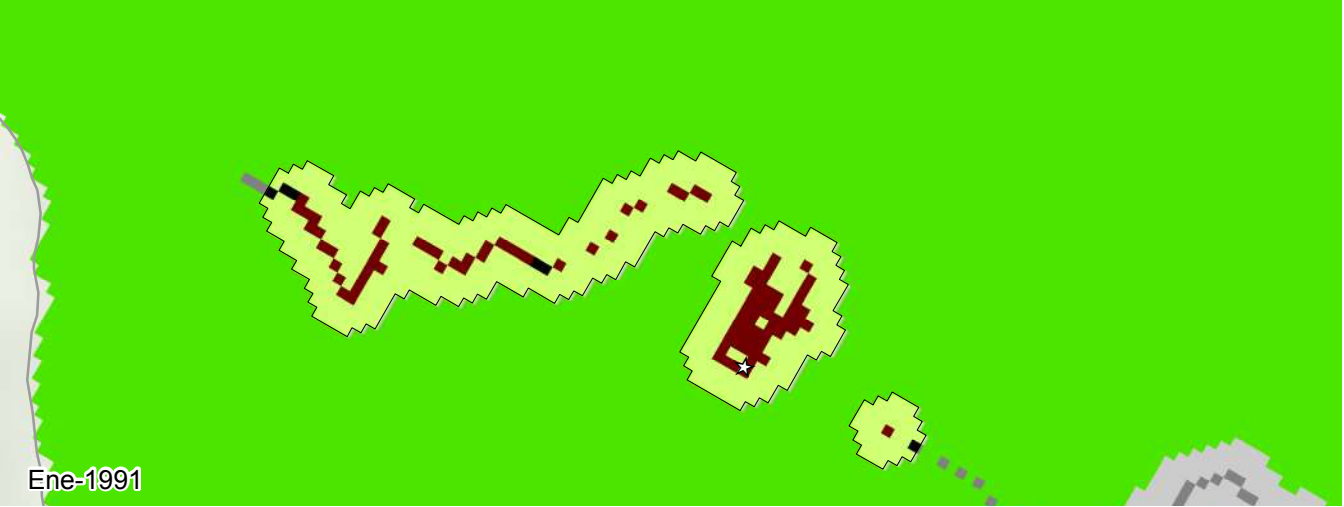
- Aguachica |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



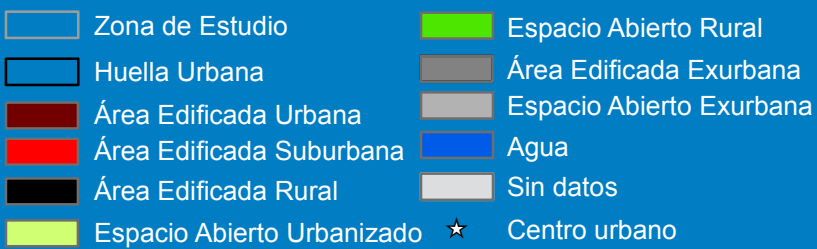
| Métrica                             | Jul 1989 | Ene 2001 | Ene 2010 | Cambio Anual % ('01-'10) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 43,124   | 63,081   | 77,254   | 2.3                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 464.8    | 629.1    | 773.1    | 2.3                      |
| Urbana                              | 343.4    | 497.4    | 657.8    | 3.1                      |
| Suburbana                           | 112.0    | 120.2    | 106.4    | -1.4                     |
| Rural                               | 9.4      | 11.5     | 8.9      | -2.9                     |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 235      | 276      | 265      | -0.5                     |
| Huella Urbana                       | 700      | 905      | 1,038    | 1.5                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 92.8     | 100.3    | 99.9     | -0.0                     |
| Densidad de la Huella Urbana        | 61.5     | 69.6     | 74.4     | 0.7                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.66     | 0.69     | 0.74     | 0.8                      |
| Índice de Apertura                  | 0.38     | 0.33     | 0.27     | -2.0                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.83     | 0.82     | 0.83     | 0.2                      |
| Cohesión                            | 0.83     | 0.82     | 0.83     | 0.2                      |
| Área Agregada (Hectáreas)           | '89-'01  | Porción  | '01-'10  | Porción                  |
| Relleno                             | 54.9     | 33.6%    | 75.42    | 52.47%                   |
| Extensión                           | 94.05    | 57.57%   | 51.21    | 35.62%                   |
| Crecimiento Discontinuo             | 2.43     | 1.49%    | 6.12     | 4.26%                    |
| Inclusión                           | 12.0     | 7.34%    | 11.0     | 7.65%                    |





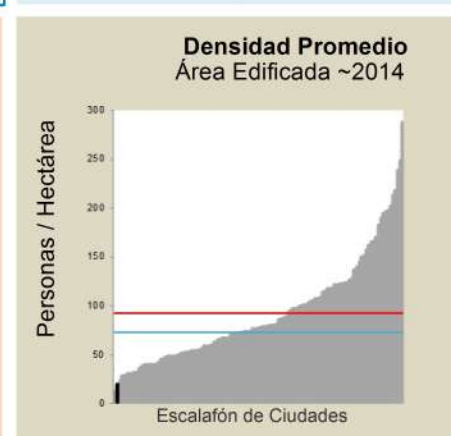
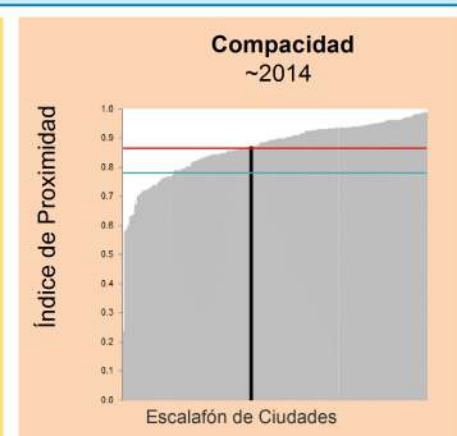
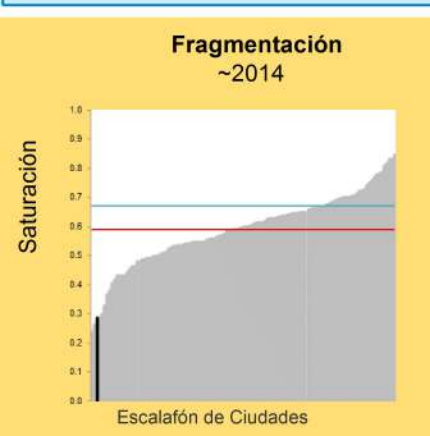
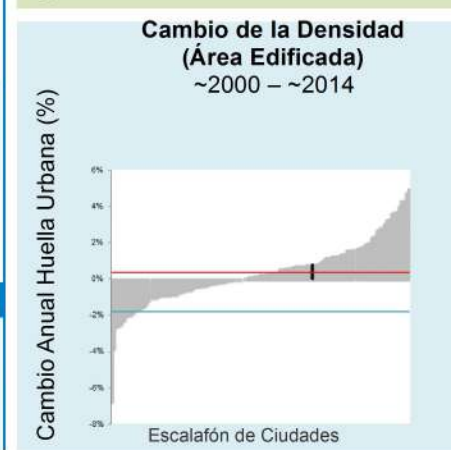
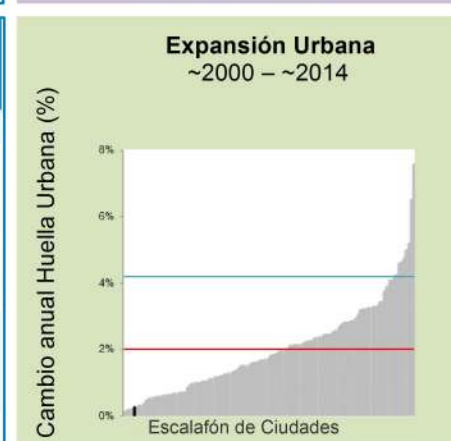


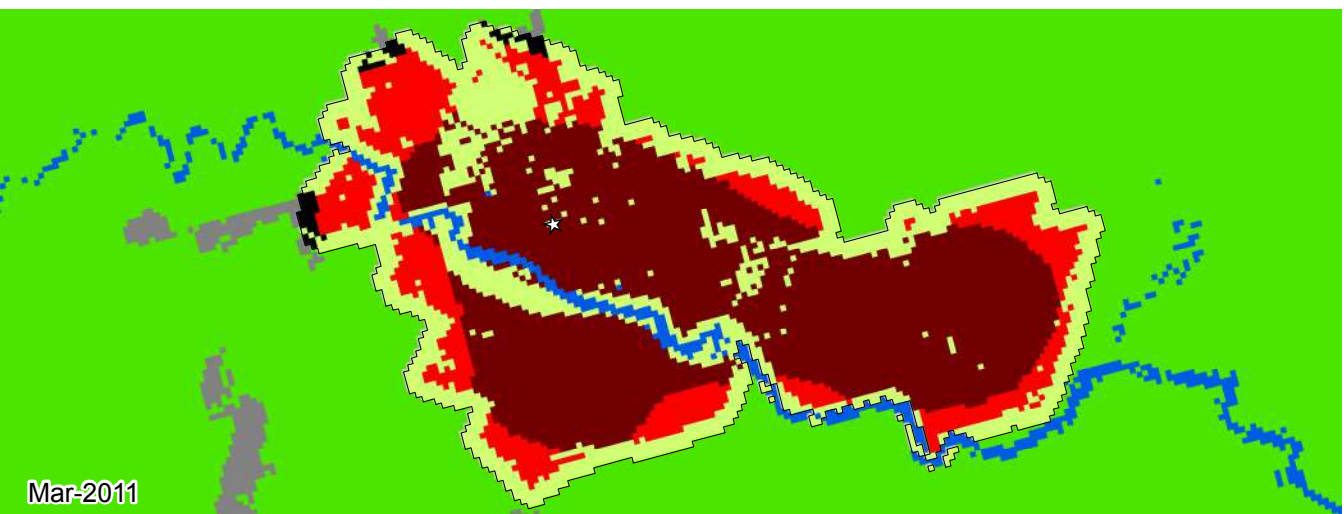
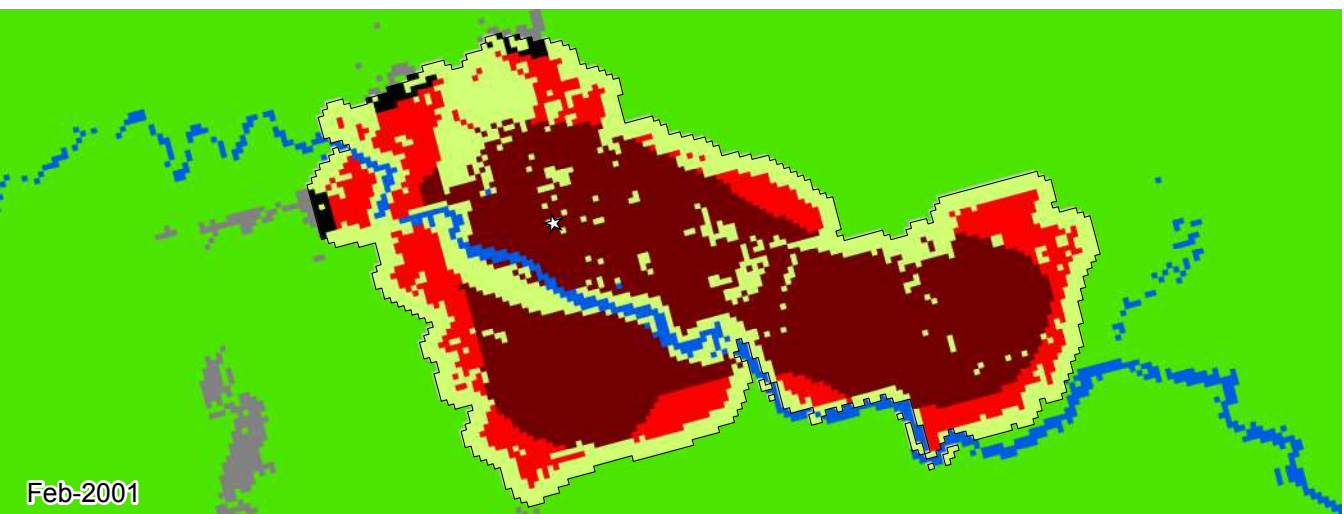
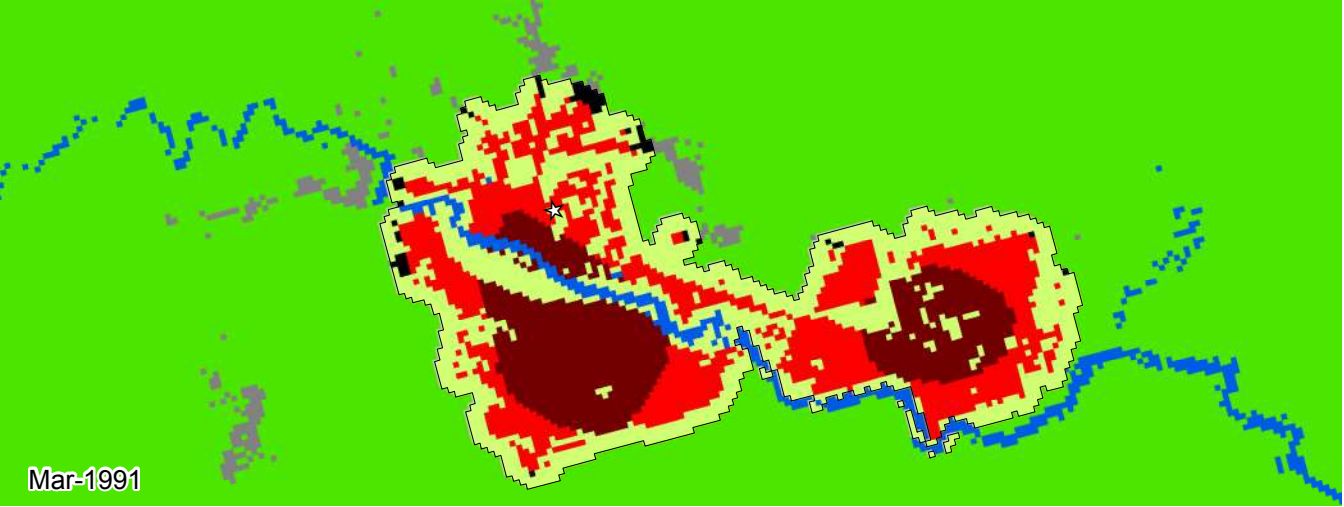
### Albania, Santander 1991-2016





| Métrica                             | Ene 1991 | Jun 2000 | Nov 2016 | Cambio Anual % ('00-'16) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 447      | 493      | 813      | 3.1                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 4.3      | 8.5      | 11.8     | 0.9                      |
| Urbana                              | 8.0      | 16.6     | 17.6     | 0.4                      |
| Suburbana                           | 0.0      | 0.0      | 0.0      | 0.0                      |
| Rural                               | 0.7      | 0.8      | 0.8      | 0.0                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 34       | 53       | 54       | 0.1                      |
| Huella Urbana                       | 17       | 28       | 41       | 0.3                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 103.5    | 58.3     | 69.0     | 1.0                      |
| Densidad de la Huella Urbana        | 25.2     | 17.4     | 19.8     | 0.8                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.24     | 0.30     | 0.29     | -0.3                     |
| Índice de Apertura                  | 0.92     | 0.86     | 0.85     | -0.1                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.76     | 0.86     | 0.87     | 0.0                      |
| Cohesión                            | 0.74     | 0.84     | 0.84     | 0.0                      |
| Área Agregada (Hectáreas)           | '91-'00  | Porción  | '00-'16  | Porción                  |
| Relleno                             | 2.16     | 26.67%   | 0.0      | 0.0%                     |
| Extensión                           | 5.22     | 64.44%   | 0.99     | 100.0%                   |
| Crecimiento Discontinuo             | 0.72     | 8.89%    | 0.0      | 0.0%                     |
| Inclusión                           | 0.0      | 0.0%     | 0.0      | 0.0%                     |

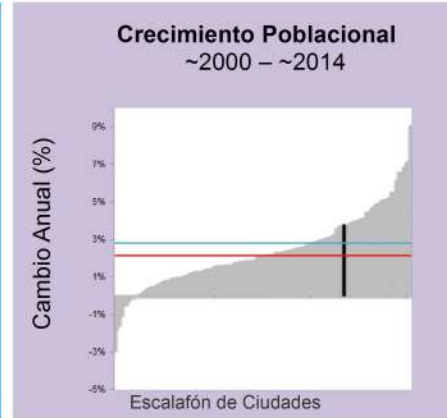




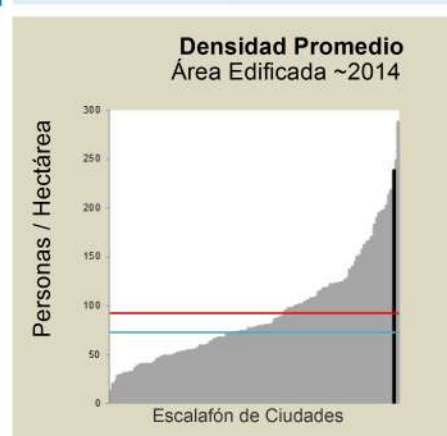
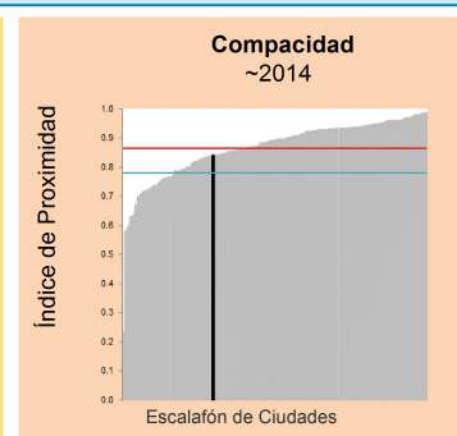
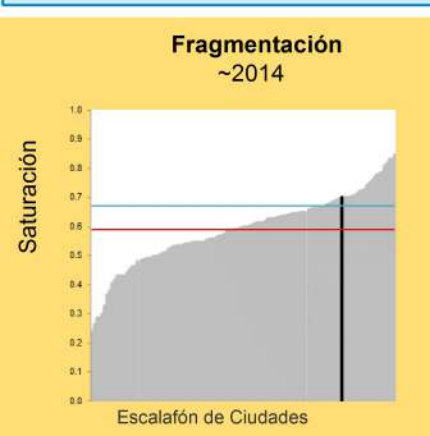
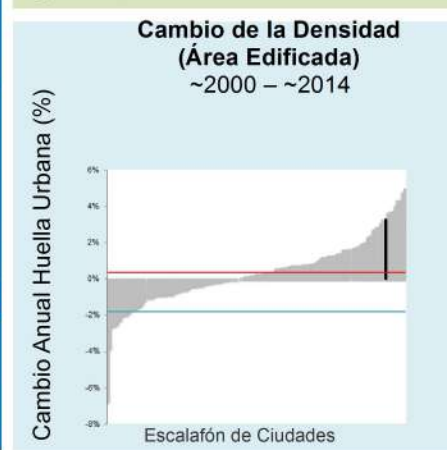
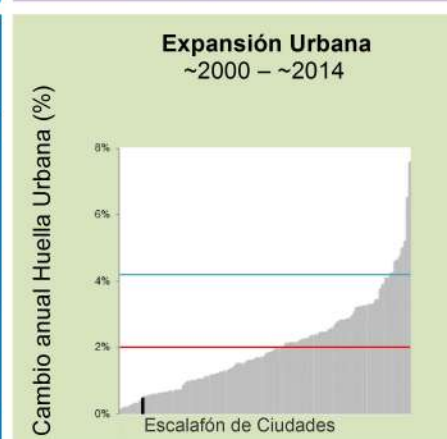


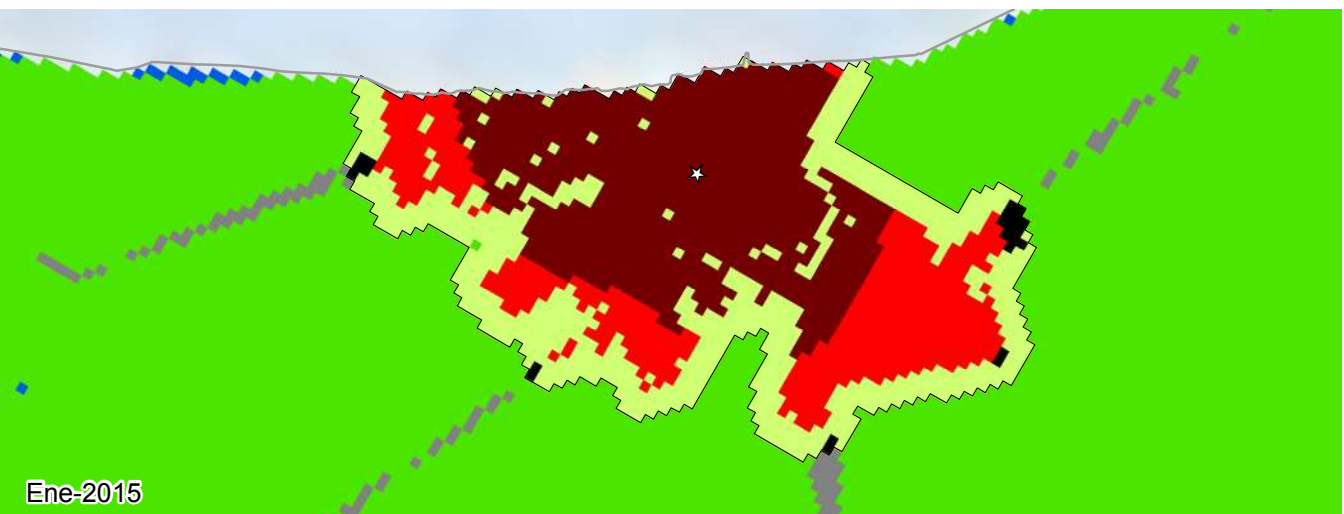
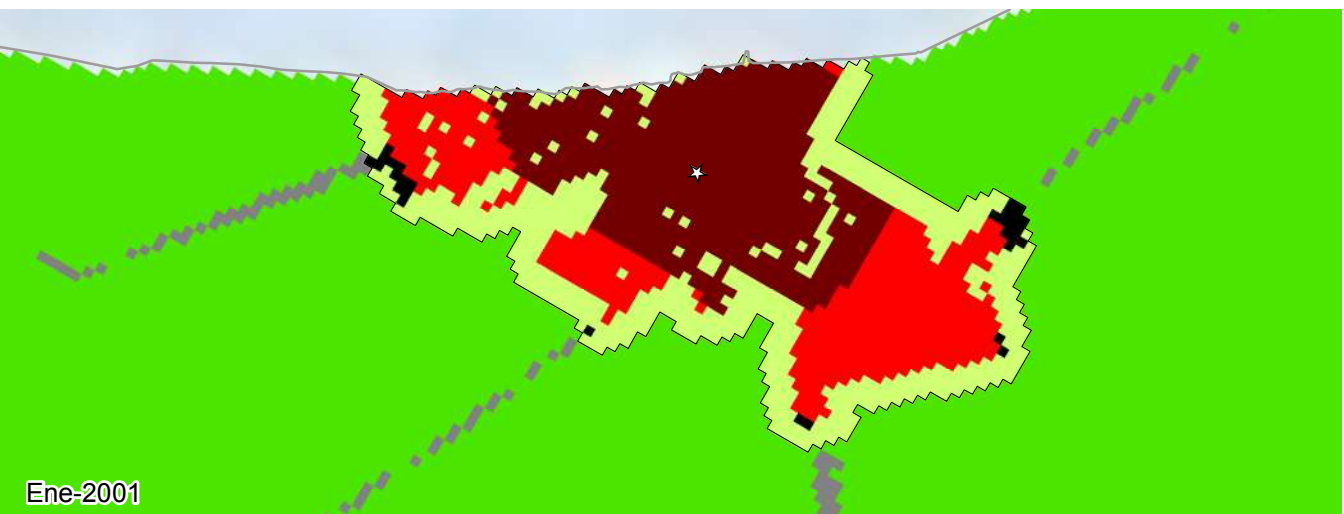
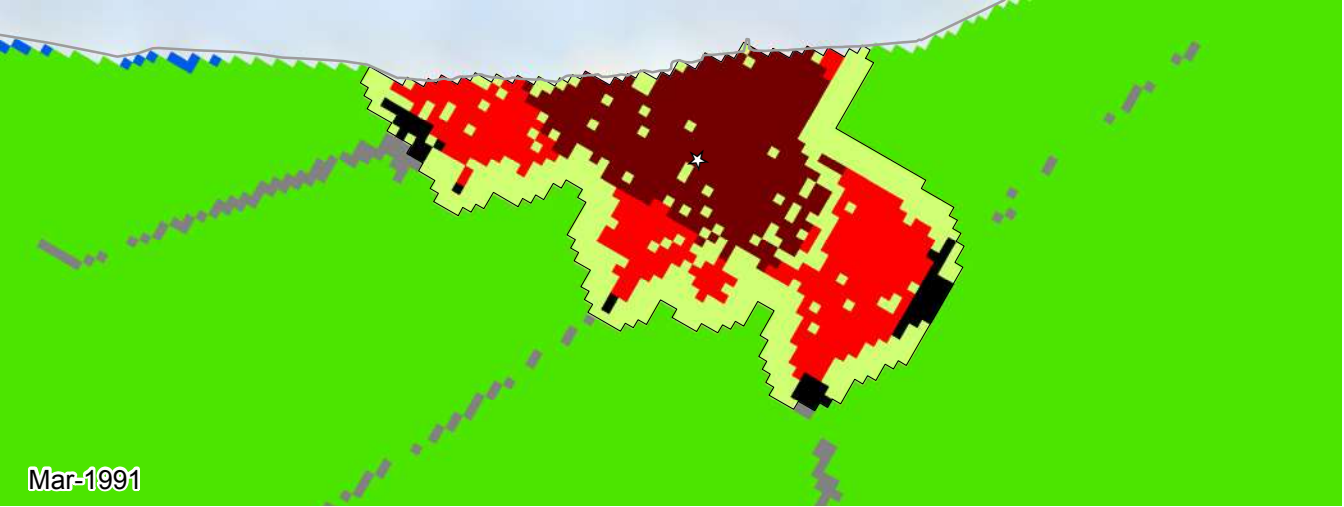
**Legenda**

- Apartadó |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



| Métrica                             | Mar 1991 | Feb 2001 | Mar 2011 | Cambio Anual % ('01-'11) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 53,535   | 98,334   | 143,496  | 3.8                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 230.3    | 389.3    | 420.9    | 0.8                      |
| Urbana                              | 95.1     | 283.9    | 312.4    | 0.9                      |
| Suburbana                           | 129.7    | 99.1     | 102.9    | 0.4                      |
| Rural                               | 5.5      | 6.3      | 5.7      | -1.0                     |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 177      | 183      | 180      | -0.2                     |
| Huella Urbana                       | 408      | 573      | 601      | 0.5                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 232.4    | 252.6    | 340.9    | 3.0                      |
| Densidad de la Huella Urbana        | 131.2    | 171.5    | 238.5    | 3.3                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.56     | 0.68     | 0.70     | 0.3                      |
| Índice de Apertura                  | 0.52     | 0.40     | 0.38     | -0.4                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.76     | 0.84     | 0.84     | -0.0                     |
| Cohesión                            | 0.77     | 0.84     | 0.84     | -0.0                     |
| Área Agregada (Hectáreas)           | '91-'01  | Porción  | '01-'11  | Porción                  |
| Relleno                             | 47.16    | 29.78%   | 17.01    | 54.1%                    |
| Extensión                           | 89.19    | 56.32%   | 10.53    | 33.49%                   |
| Crecimiento Discontinuo             | 7.02     | 4.43%    | 0.9      | 2.86%                    |
| Inclusión                           | 15.0     | 9.47%    | 3.0      | 9.54%                    |

















### Arboletes, Antioquia 1991-2015

0 0.25 0.5 0.75 1 km

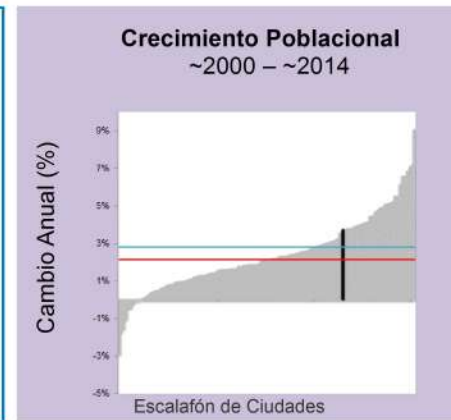


- |  |   |
|--|---|
|  Zona de Estudio            |  Espacio Abierto Rural    |
|  Huella Urbana              |  Área Edificada Exurbana  |
|  Área Edificada Urbana      |  Espacio Abierto Exurbana |
|  Área Edificada Suburbana   |  Agua                     |
|  Área Edificada Rural       |  Sin datos                |
|  Espacio Abierto Urbanizado |  Centro urbano             |

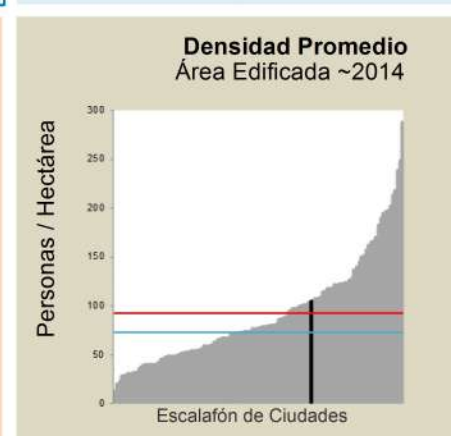
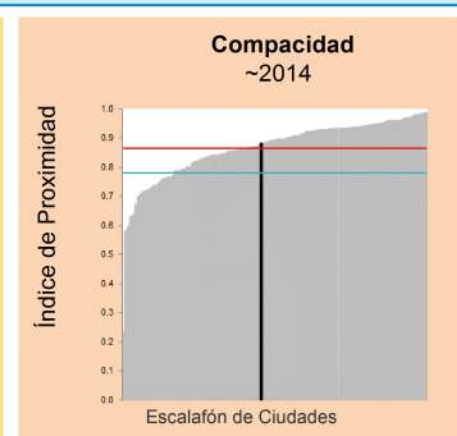
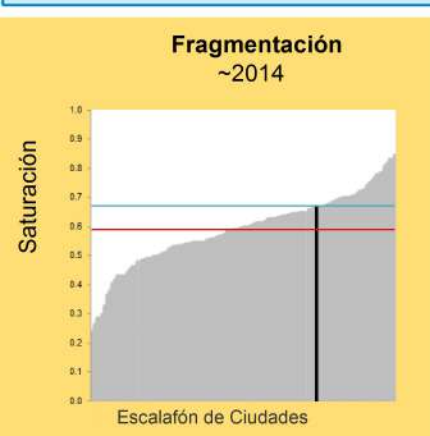
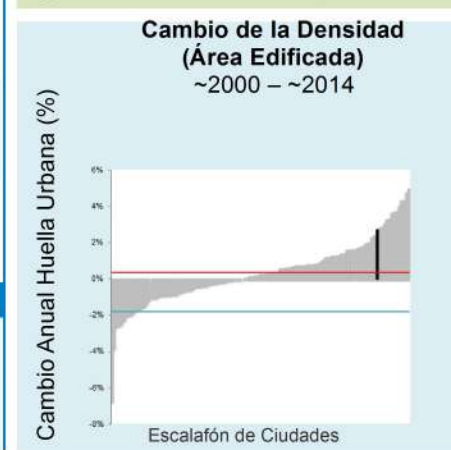
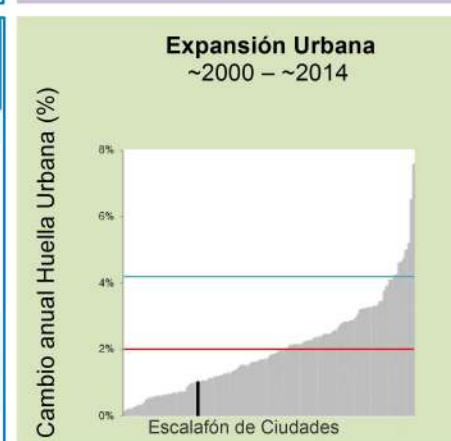


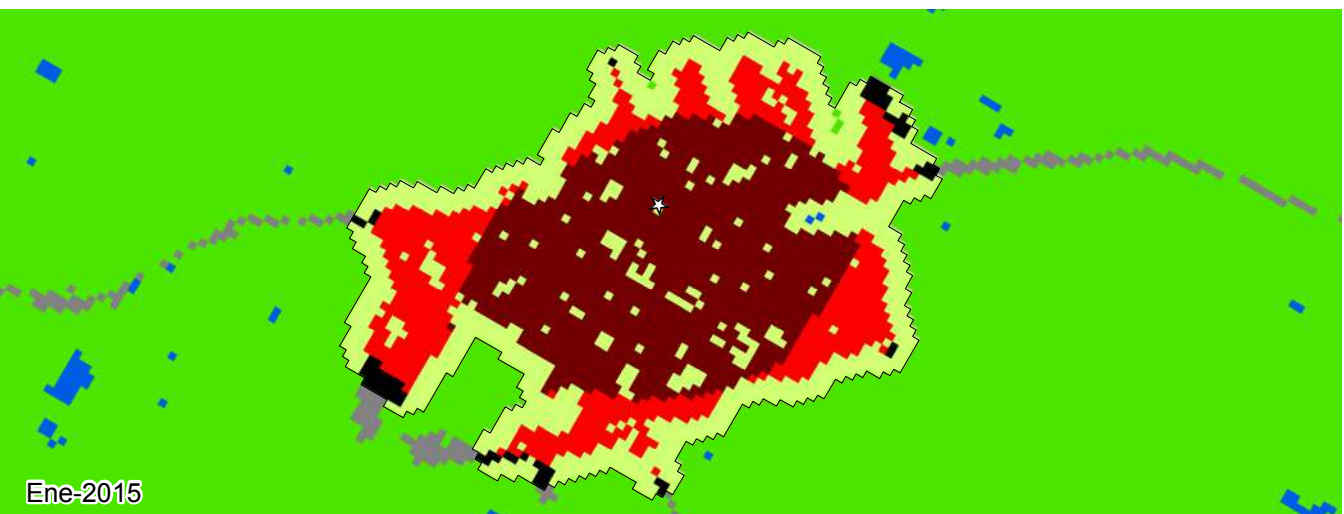
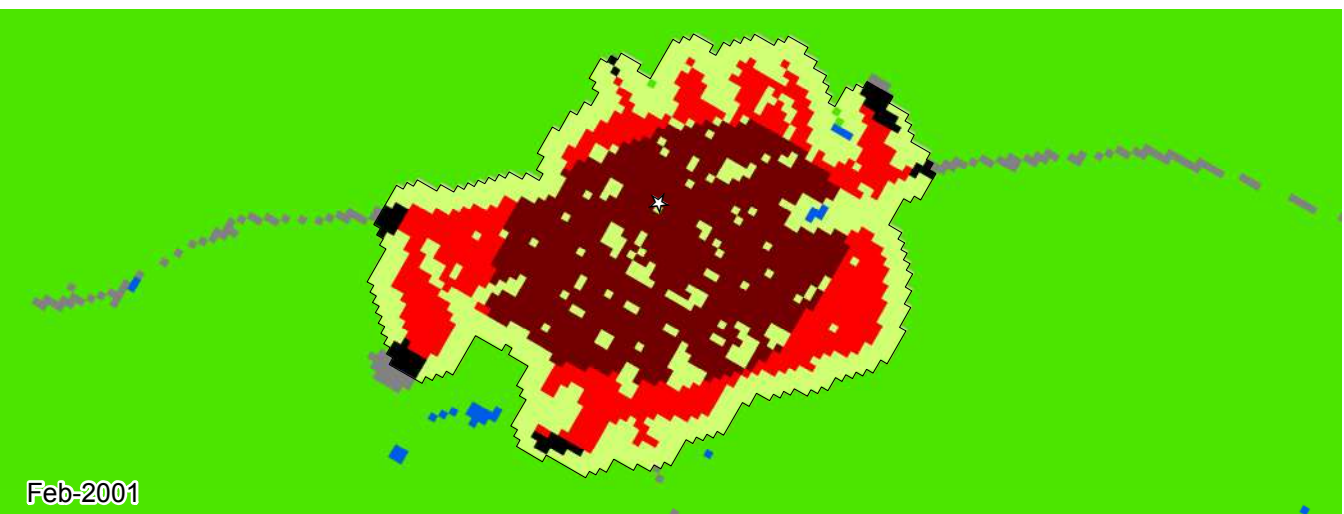
**Legenda**

- Arboletes |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



| Métrica                             | Mar 1991 | Ene 2001 | Ene 2015 | Cambio Anual % ('01-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 7,147    | 10,931   | 18,328   | 3.7                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 75.8     | 100.2    | 116.5    | 1.1                      |
| Urbana                              | 37.5     | 56.3     | 73.5     | 1.9                      |
| Suburbana                           | 33.5     | 41.1     | 40.9     | -0.0                     |
| Rural                               | 4.8      | 2.7      | 2.1      | -1.9                     |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 43       | 51       | 58       | 0.9                      |
| Huella Urbana                       | 118      | 151      | 174      | 1.0                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 94.3     | 109.1    | 157.4    | 2.6                      |
| Densidad de la Huella Urbana        | 60.2     | 72.0     | 104.8    | 2.7                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.64     | 0.66     | 0.67     | 0.1                      |
| Índice de Apertura                  | 0.51     | 0.46     | 0.41     | -0.8                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.87     | 0.85     | 0.88     | 0.3                      |
| Cohesión                            | 0.86     | 0.84     | 0.87     | 0.3                      |
| Área Agregada (Hectáreas)           | '91-'01  | Porción  | '01-'15  | Porción                  |
| Relleno                             | 5.58     | 23.56%   | 4.77     | 30.81%                   |
| Extensión                           | 17.1     | 72.21%   | 10.71    | 69.19%                   |
| Crecimiento Discontinuo             | 0.0      | 0.0%     | 0.0      | 0.0%                     |
| Inclusión                           | 1.0      | 4.22%    | 0.0      | 0.0%                     |

















Ariguaní, Magdalena  
1989-2015

0 0.25 0.5 0.75 1 km

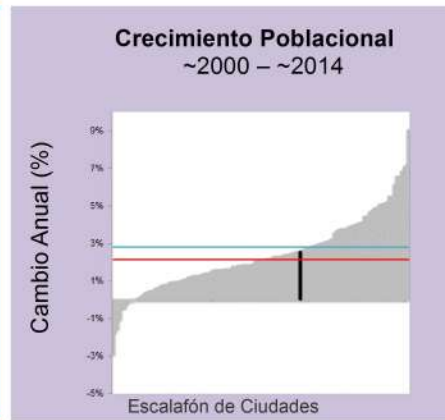


- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |  | Centro urbano            |

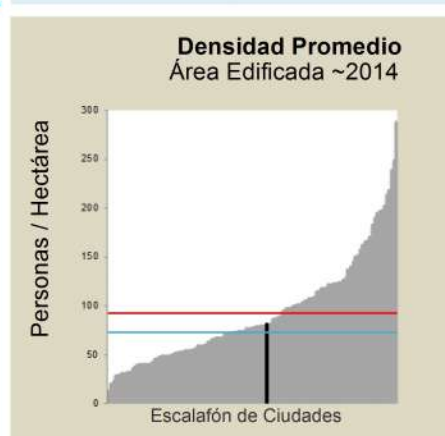
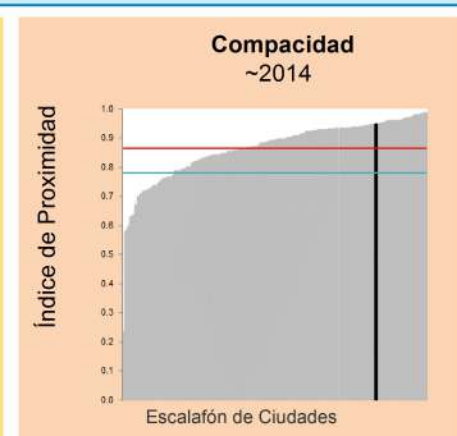
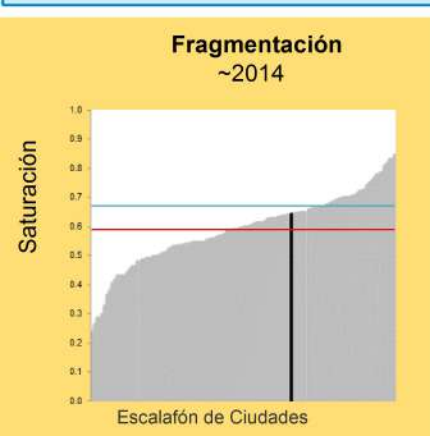
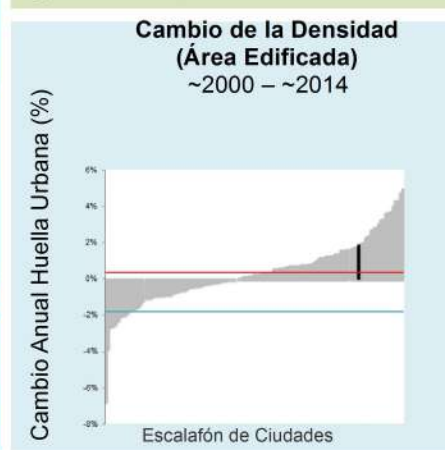
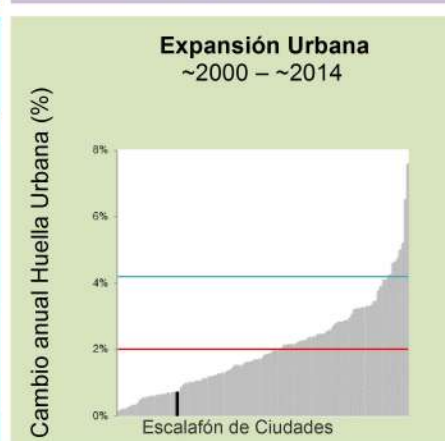


**Legenda**

- Ariguaní |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —

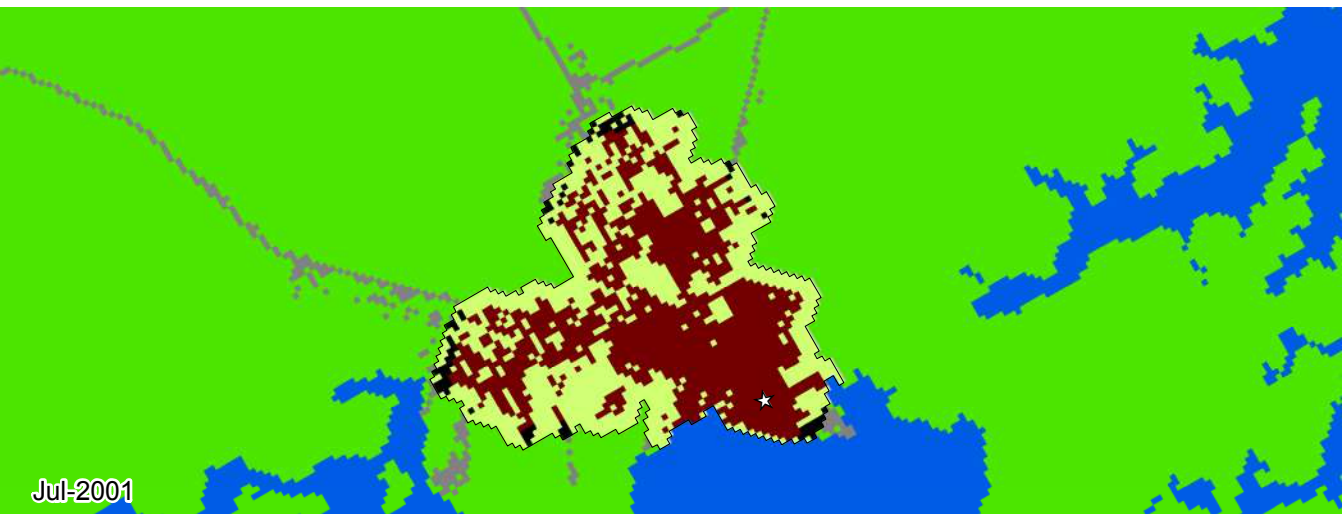


| Métrica                             | Dic 1989 | Feb 2001 | Ene 2015 | Cambio Anual % ('01-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 10,870   | 15,805   | 22,576   | 2.6                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 82.3     | 158.8    | 179.4    | 0.9                      |
| Urbana                              | 18.8     | 94.3     | 112.8    | 1.3                      |
| Suburbana                           | 54.8     | 58.9     | 60.5     | 0.2                      |
| Rural                               | 8.6      | 5.7      | 6.1      | 0.5                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 70       | 93       | 99       | 0.5                      |
| Huella Urbana                       | 152      | 251      | 278      | 0.7                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 132.2    | 99.5     | 125.9    | 1.7                      |
| Densidad de la Huella Urbana        | 71.1     | 62.7     | 81.1     | 1.8                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.54     | 0.63     | 0.64     | 0.2                      |
| Índice de Apertura                  | 0.59     | 0.45     | 0.43     | -0.3                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.97     | 0.96     | 0.95     | -0.1                     |
| Cohesión                            | 0.96     | 0.95     | 0.94     | -0.1                     |
| Área Agregada (Hectáreas)           | '89-'01  | Porción  | '01-'15  | Porción                  |
| Relleno                             | 18.18    | 23.84%   | 8.01     | 40.23%                   |
| Extensión                           | 45.99    | 60.31%   | 8.73     | 43.85%                   |
| Crecimiento Discontinuo             | 1.08     | 1.42%    | 1.17     | 5.88%                    |
| Inclusión                           | 11.0     | 14.43%   | 2.0      | 10.05%                   |

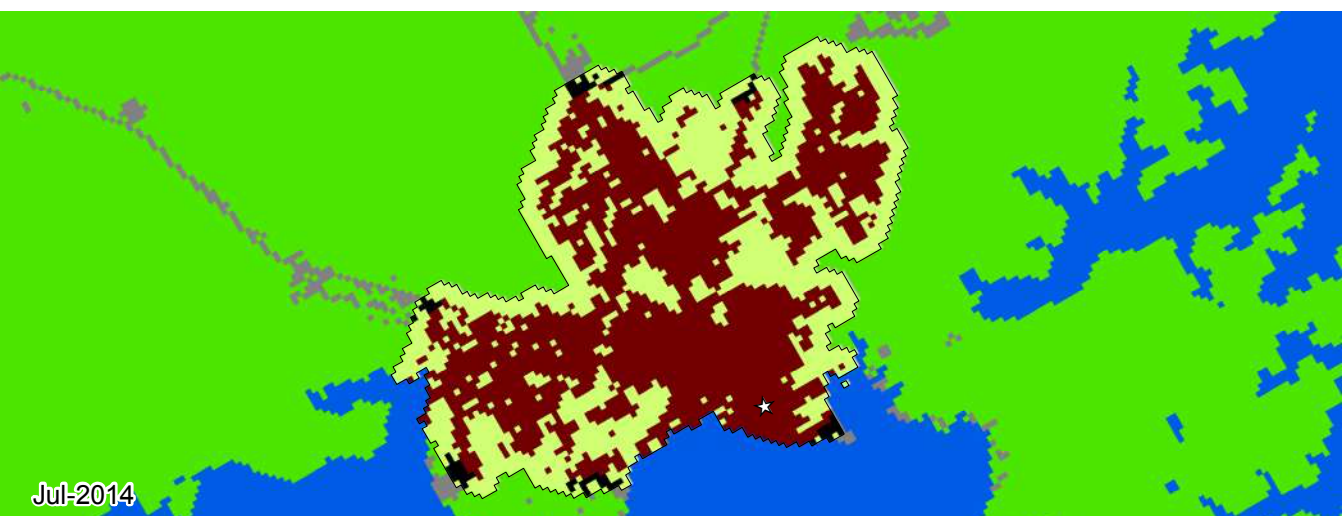




Ene-1987



Jul-2001















Jul-2014



### Ayapel, Córdoba 1987-2014



- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |   | Centro urbano            |

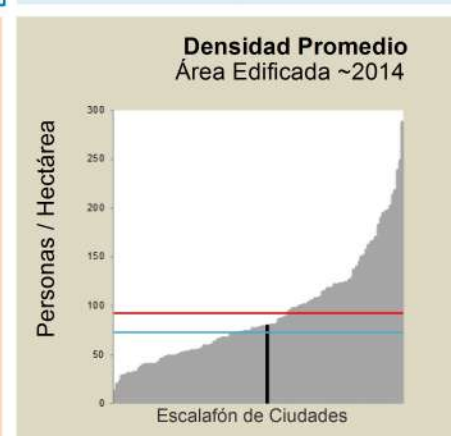
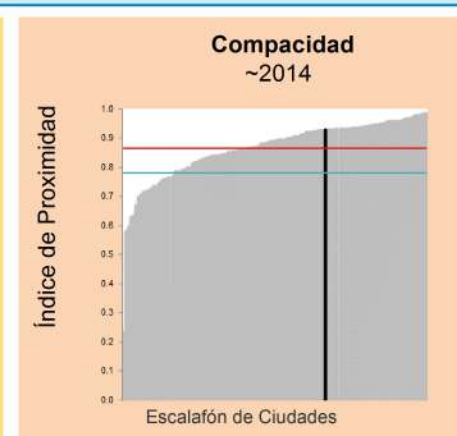
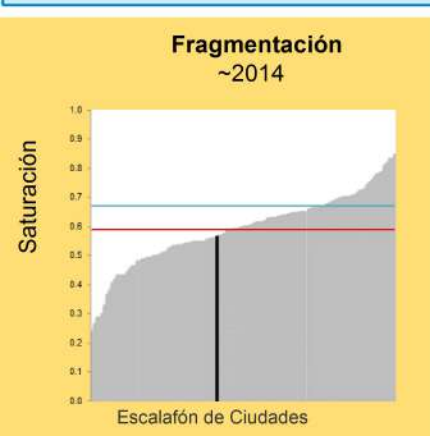
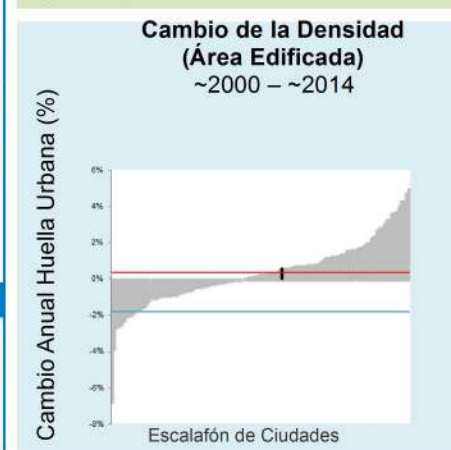
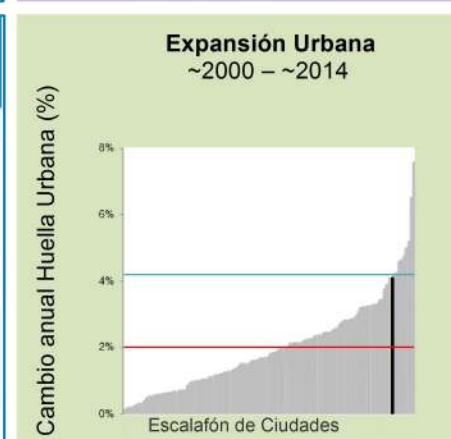


**Legenda**

- Ayapel |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



| Métrica                             | Ene 1987 | Jul 2001 | Jul 2014 | Cambio Anual % ('01-'14) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 11,813   | 17,701   | 32,448   | 4.7                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 81.5     | 125.5    | 230.2    | 4.7                      |
| Urbana                              | 75.3     | 118.2    | 223.4    | 4.9                      |
| Suburbana                           | 0.0      | 0.0      | 0.0      | 0.0                      |
| Rural                               | 6.2      | 7.3      | 6.8      | -0.5                     |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 73       | 113      | 176      | 3.4                      |
| Huella Urbana                       | 155      | 238      | 406      | 4.1                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 144.9    | 141.1    | 140.9    | -0.0                     |
| Densidad de la Huella Urbana        | 76.0     | 74.1     | 79.8     | 0.6                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.52     | 0.53     | 0.57     | 0.6                      |
| Índice de Apertura                  | 0.59     | 0.56     | 0.49     | -0.9                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.95     | 0.94     | 0.93     | -0.1                     |
| Cohesión                            | 0.95     | 0.94     | 0.92     | -0.1                     |
| Área Agregada (Hectáreas)           | '87-'01  | Porción  | '01-'14  | Porción                  |
| Relleno                             | 10.44    | 24.31%   | 29.97    | 28.8%                    |
| Extensión                           | 11.52    | 26.82%   | 53.1     | 51.02%                   |
| Crecimiento Discontinuo             | 9.99     | 23.26%   | 8.01     | 7.7%                     |
| Inclusión                           | 11.0     | 25.61%   | 13.0     | 12.49%                   |



Feb-1991



Ene-1998



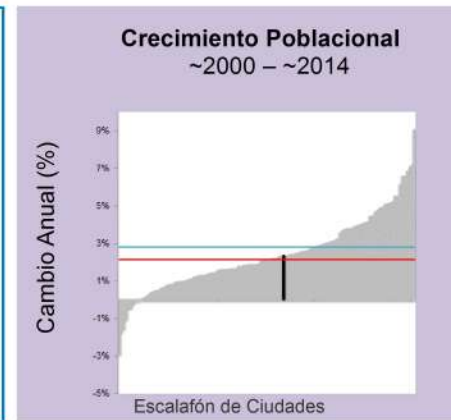
Mar-2015



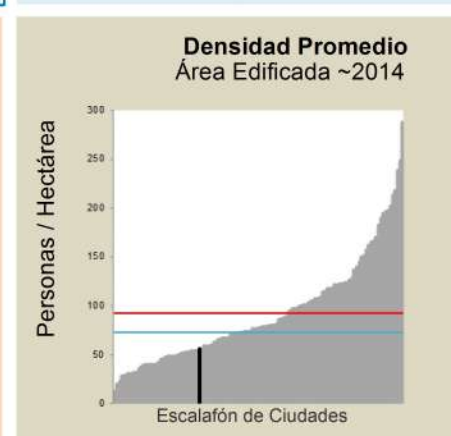
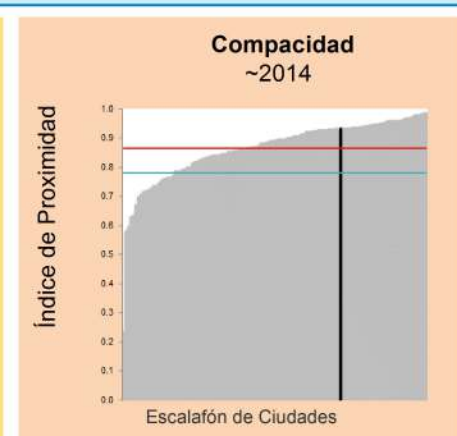
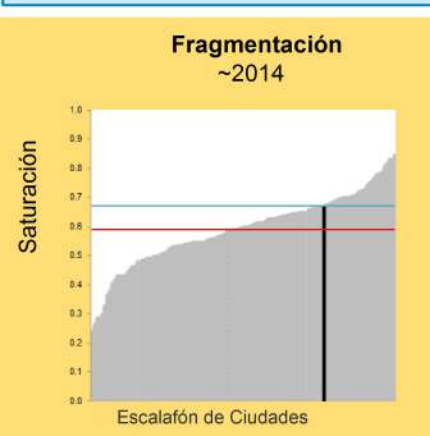
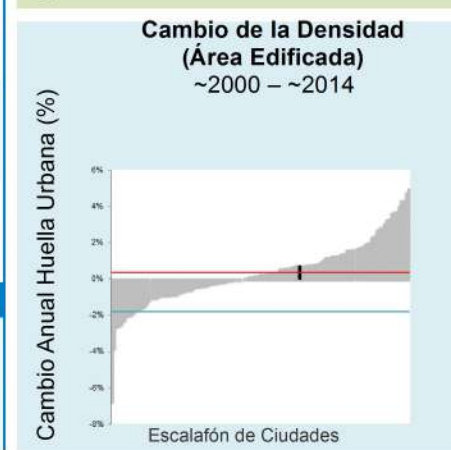
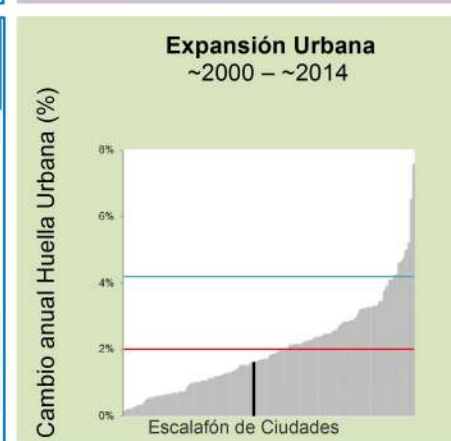


**Legenda**

- Bahía Solano |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



| Métrica                             | Feb 1991 | Ene 1998 | Mar 2015 | Cambio Anual % ('98-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 3,003    | 3,740    | 5,571    | 2.3                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 25.3     | 51.3     | 66.5     | 1.5                      |
| Urbana                              | 21.7     | 49.2     | 64.6     | 1.6                      |
| Suburbana                           | 0.0      | 0.0      | 0.0      | 0.0                      |
| Rural                               | 3.6      | 2.1      | 1.9      | -0.5                     |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 14       | 24       | 32       | 1.8                      |
| Huella Urbana                       | 39       | 75       | 99       | 1.6                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 118.7    | 72.9     | 83.8     | 0.8                      |
| Densidad de la Huella Urbana        | 75.2     | 49.7     | 56.2     | 0.7                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.63     | 0.68     | 0.67     | -0.1                     |
| Índice de Apertura                  | 0.73     | 0.59     | 0.56     | -0.3                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.96     | 0.96     | 0.93     | -0.2                     |
| Cohesión                            | 0.94     | 0.94     | 0.92     | -0.1                     |
| Área Agregada (Hectáreas)           | '91-'98  | Porción  | '98-'15  | Porción                  |
| Relleno                             | 1.53     | 5.92%    | 2.16     | 15.09%                   |
| Extensión                           | 21.33    | 82.48%   | 11.7     | 81.76%                   |
| Crecimiento Discontinuo             | 0.0      | 0.0%     | 0.45     | 3.14%                    |
| Inclusión                           | 3.0      | 11.6%    | 0.0      | 0.0%                     |



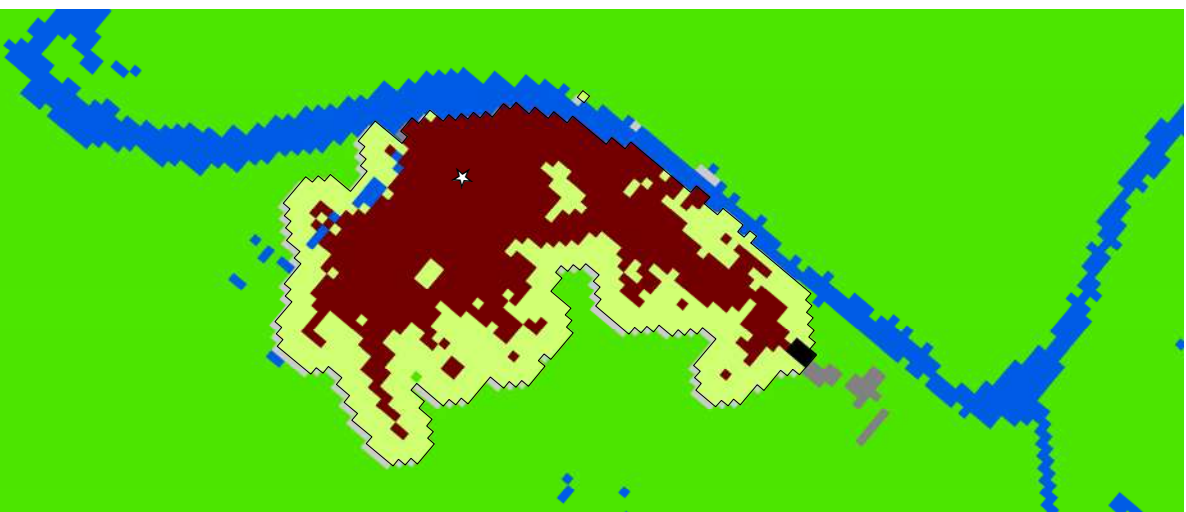
Jun-1991



Feb-1998



Jun-2015



### Barbacoas, Nariño 1991-2015

 Zona de Estudio

 Huella Urbana

 Área Edificada Urbana

 Área Edificada Suburbana

 Área Edificada Rural

 Espacio Abierto Urbanizado

 Espacio Abierto Rural

 Área Edificada Exurbana

 Espacio Abierto Exurbana

 Agua

 Sin datos

 Centro urbano



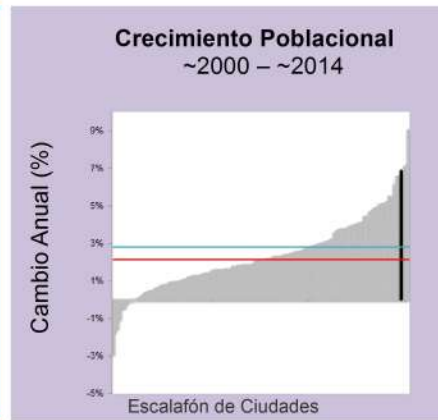
km

0 0.5 1 1.5

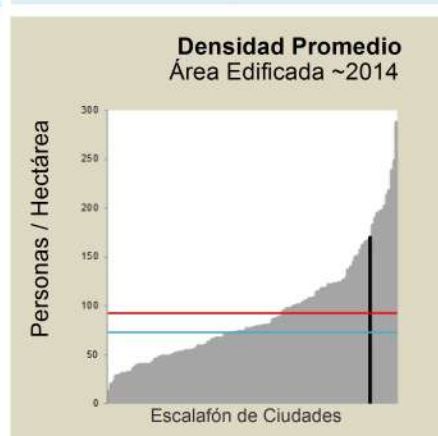
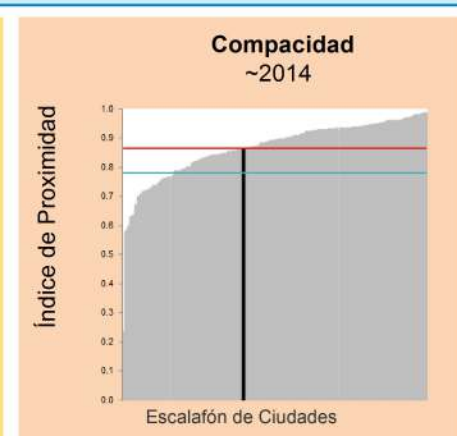
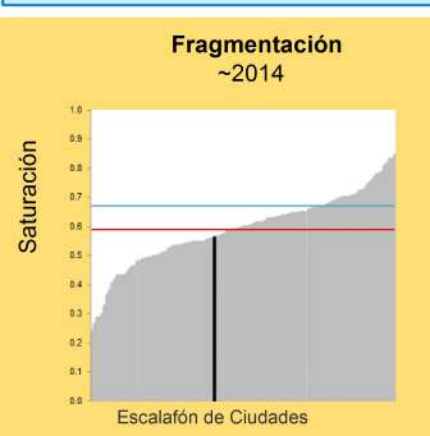
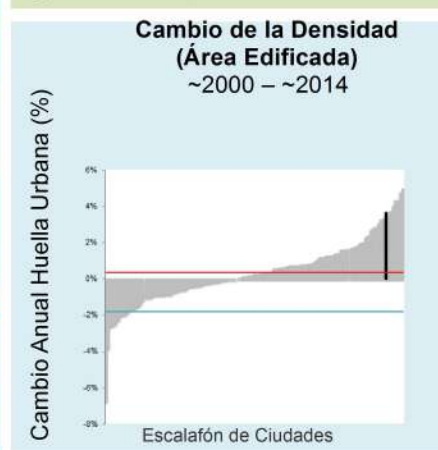
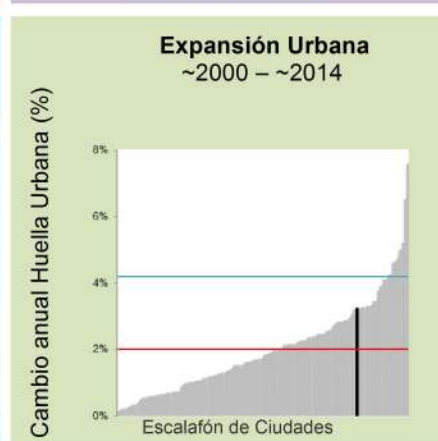


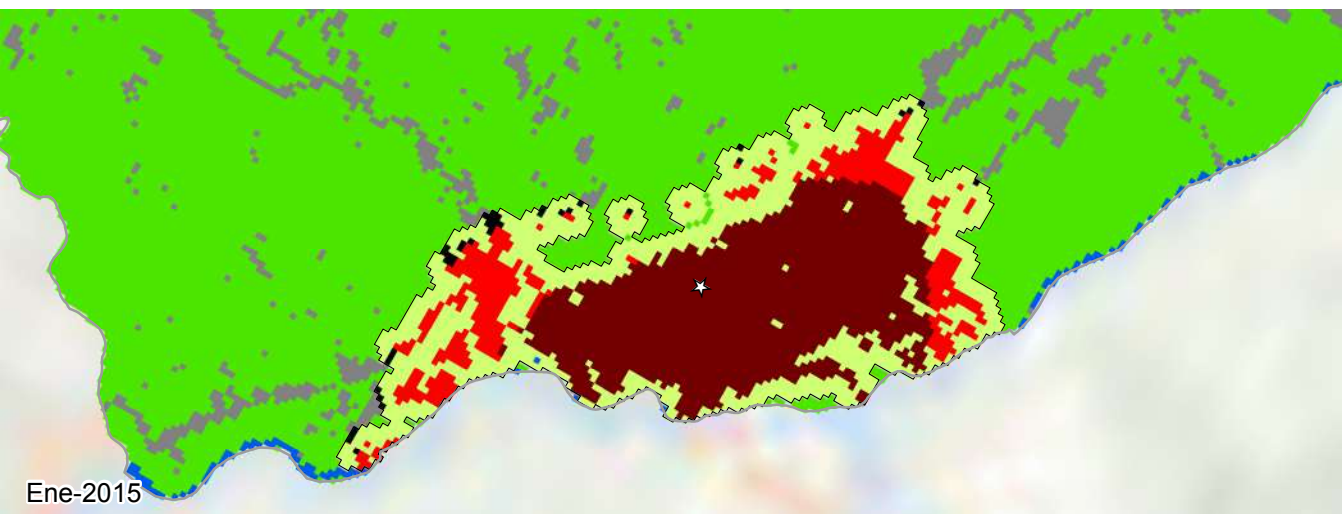
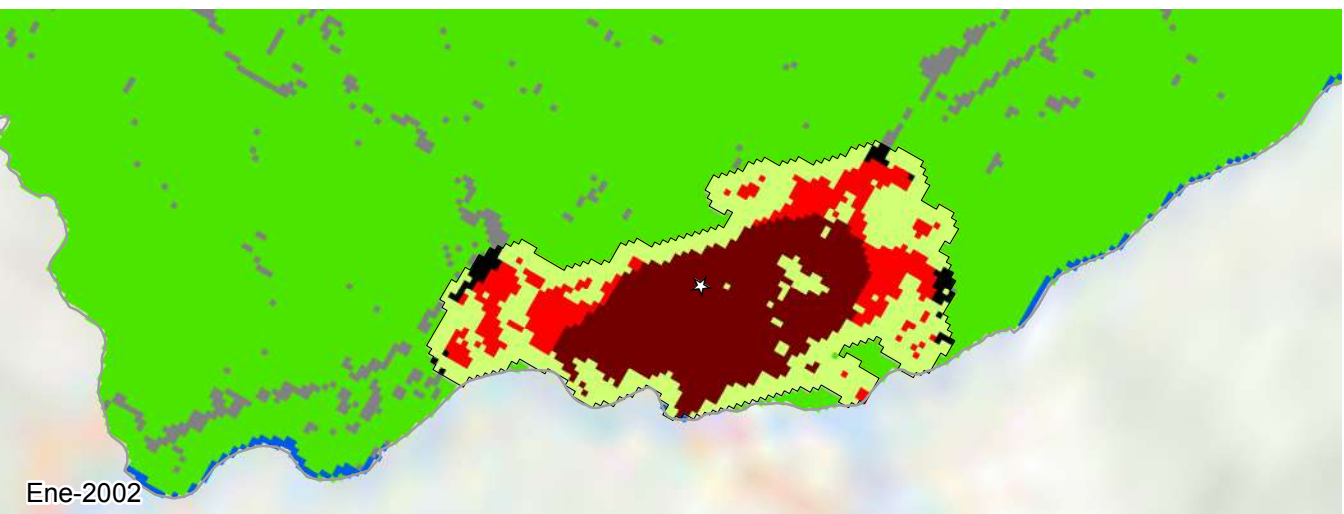
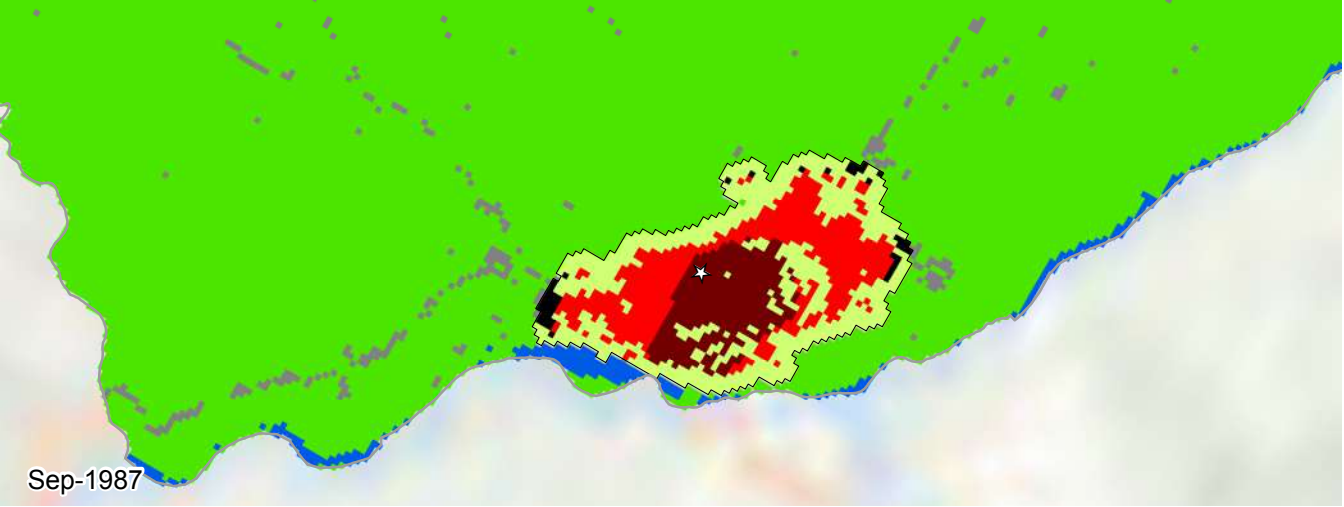
**Legenda**

- Barbacoas |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



| Métrica                             | Jun 1991 | Feb 1998 | Jun 2015 | Cambio Anual % ('98-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 4,205    | 6,780    | 22,194   | 6.8                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 18.7     | 39.2     | 73.0     | 3.6                      |
| Urbana                              | 18.5     | 38.3     | 72.5     | 3.7                      |
| Suburbana                           | 0.0      | 0.0      | 0.0      | 0.0                      |
| Rural                               | 0.2      | 1.0      | 0.5      | -3.5                     |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 21       | 35       | 57       | 2.8                      |
| Huella Urbana                       | 39       | 74       | 130      | 3.2                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 224.7    | 172.8    | 304.1    | 3.3                      |
| Densidad de la Huella Urbana        | 105.5    | 91.2     | 170.7    | 3.6                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.47     | 0.53     | 0.56     | 0.4                      |
| Índice de Apertura                  | 0.82     | 0.71     | 0.60     | -1.0                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.92     | 0.84     | 0.86     | 0.1                      |
| Cohesión                            | 0.90     | 0.83     | 0.86     | 0.2                      |
| Área Agregada (Hectáreas)           | '91-'98  | Porción  | '98-'15  | Porción                  |
| Relleno                             | 2.43     | 12.16%   | 8.55     | 25.87%                   |
| Extensión                           | 16.74    | 83.78%   | 19.89    | 60.18%                   |
| Crecimiento Discontinuo             | 0.81     | 4.05%    | 2.61     | 7.9%                     |
| Inclusión                           | 0.0      | 0.0%     | 2.0      | 6.05%                    |

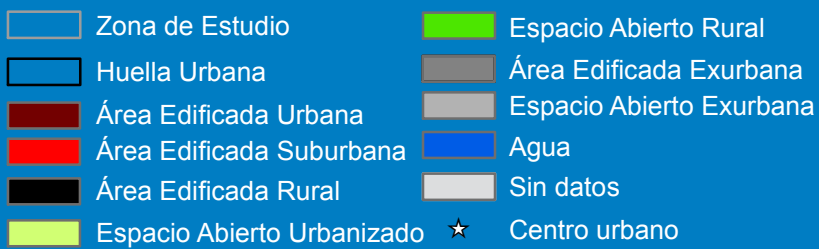




## Barbosa, Santander 1987-2015



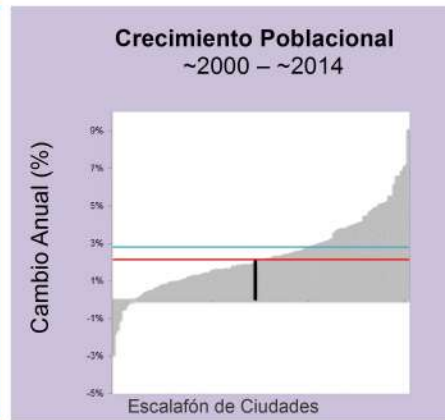
0 0.75 1.5 2.25 km



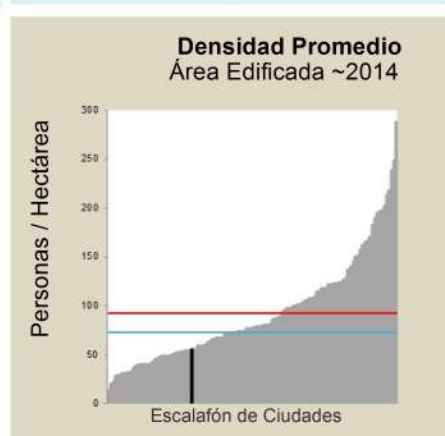
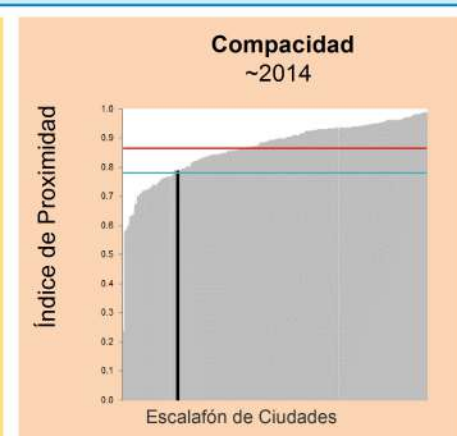
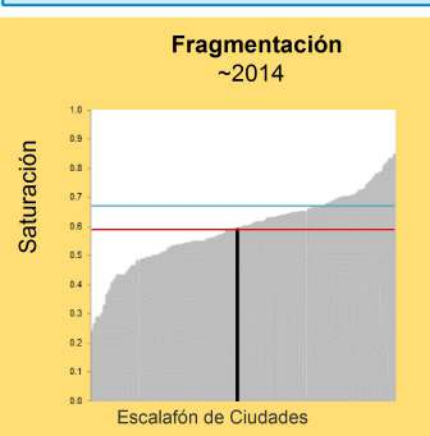
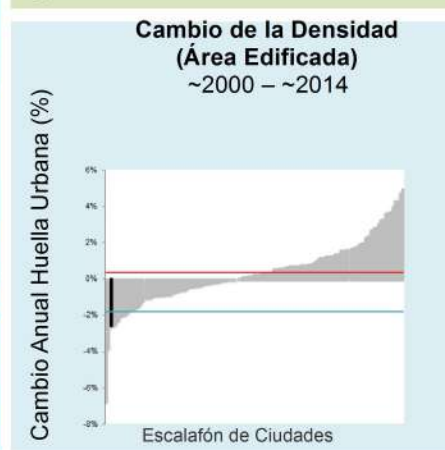
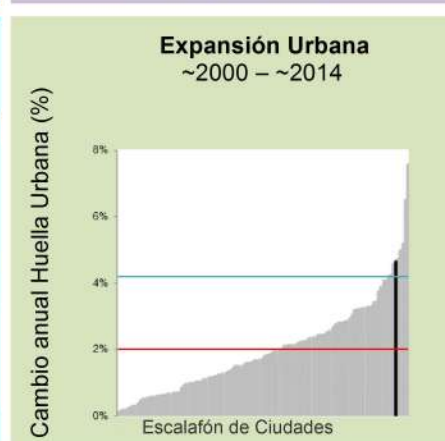


**Legenda**

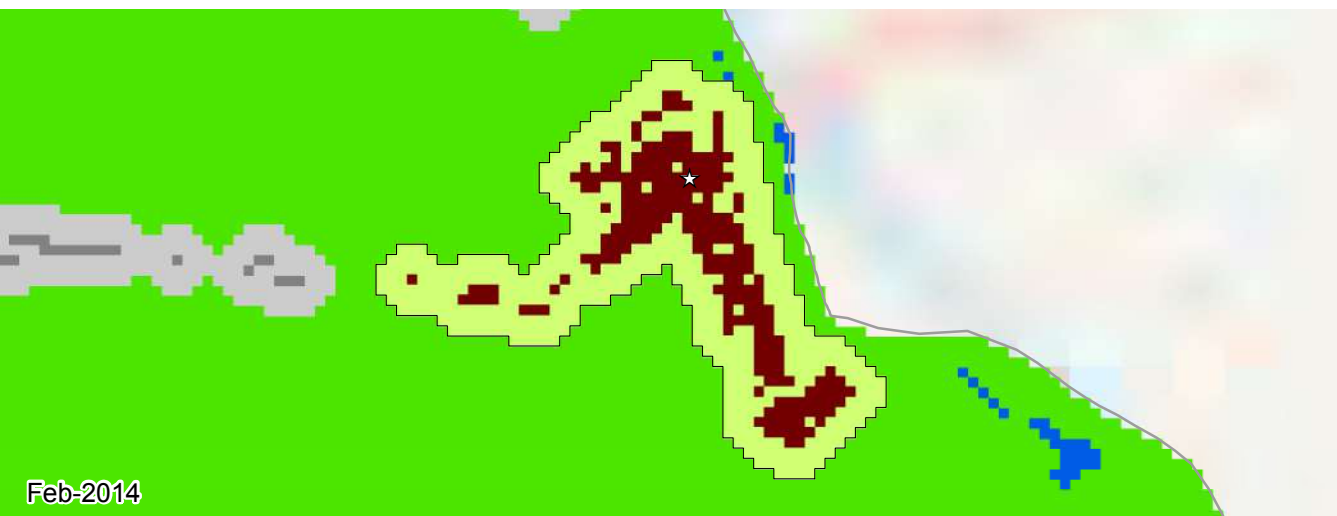
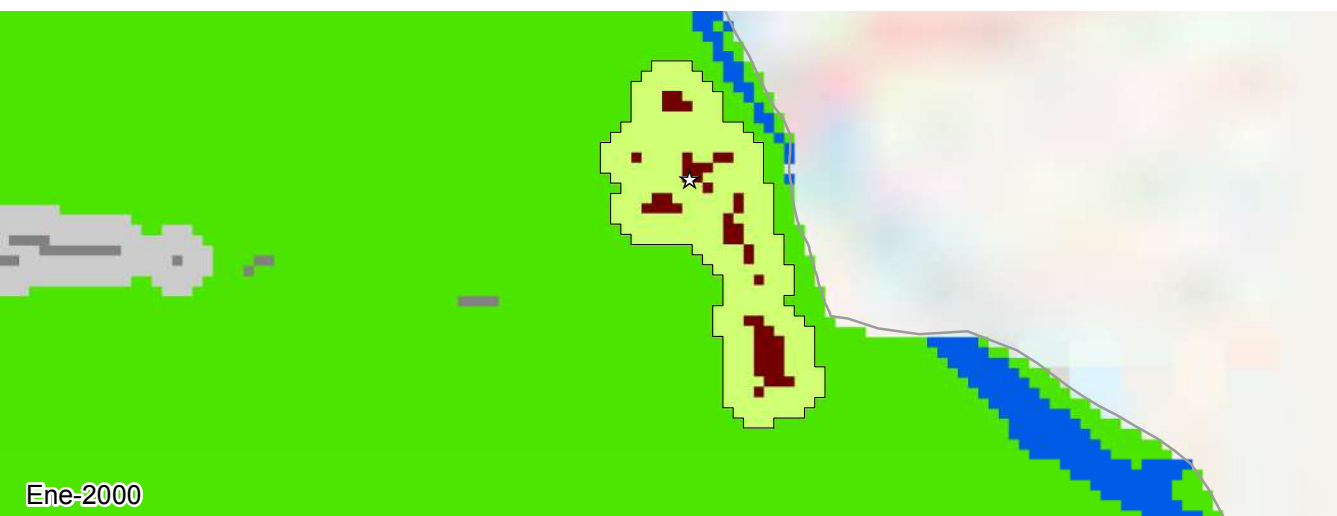
- Barbosa |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



| Métrica                             | Sep 1987 | Ene 2002 | Ene 2015 | Cambio Anual % ('02-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 12,451   | 17,625   | 22,988   | 2.0                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 80.7     | 134.0    | 246.2    | 4.7                      |
| Urbana                              | 30.0     | 89.3     | 168.6    | 4.9                      |
| Suburbana                           | 46.6     | 39.5     | 69.0     | 4.3                      |
| Rural                               | 4.1      | 5.2      | 8.6      | 3.9                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 67       | 93       | 169      | 4.6                      |
| Huella Urbana                       | 147      | 227      | 415      | 4.6                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 154.2    | 131.5    | 93.4     | -2.6                     |
| Densidad de la Huella Urbana        | 84.2     | 77.5     | 55.3     | -2.6                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.55     | 0.59     | 0.59     | 0.0                      |
| Índice de Apertura                  | 0.55     | 0.45     | 0.39     | -1.1                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.91     | 0.83     | 0.79     | -0.4                     |
| Cohesión                            | 0.90     | 0.82     | 0.78     | -0.4                     |
| Área Agregada (Hectáreas)           | '87-'02  | Porción  | '02-'15  | Porción                  |
| Relleno                             | 21.06    | 39.61%   | 28.17    | 25.22%                   |
| Extensión                           | 15.66    | 29.45%   | 48.87    | 43.76%                   |
| Crecimiento Discontinuo             | 9.45     | 17.77%   | 17.64    | 15.8%                    |
| Inclusión                           | 7.0      | 13.17%   | 17.0     | 15.22%                   |



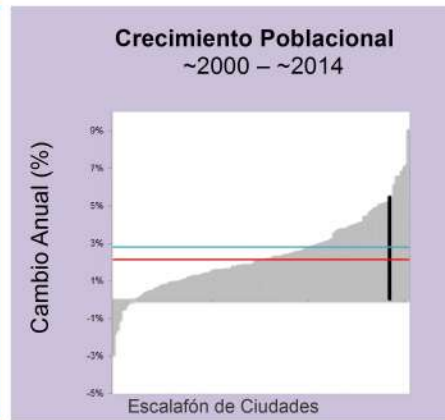




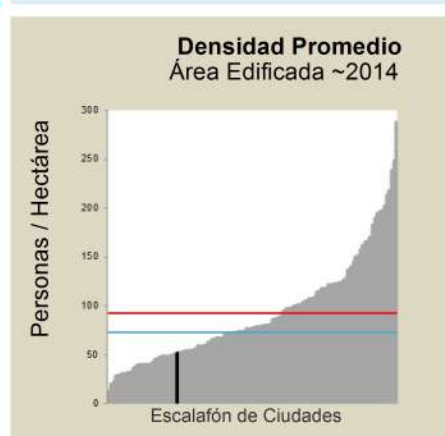
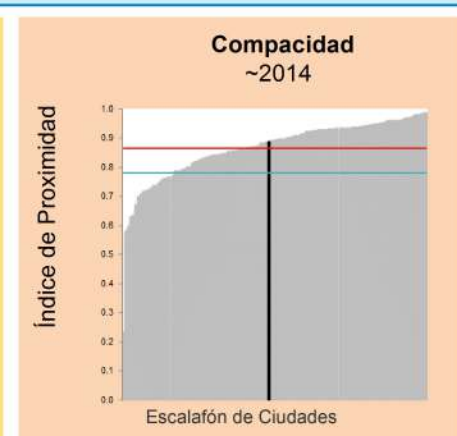
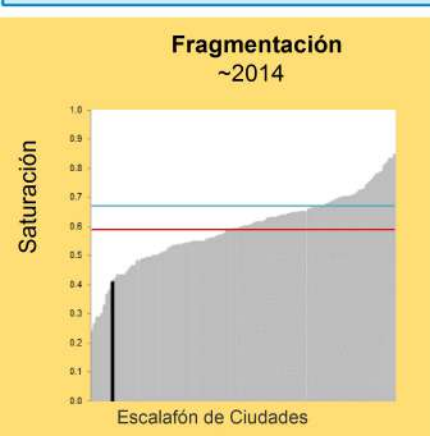
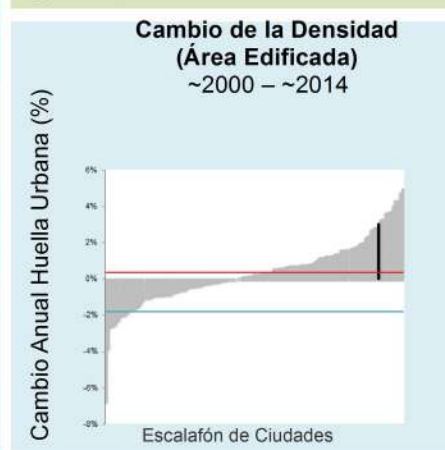
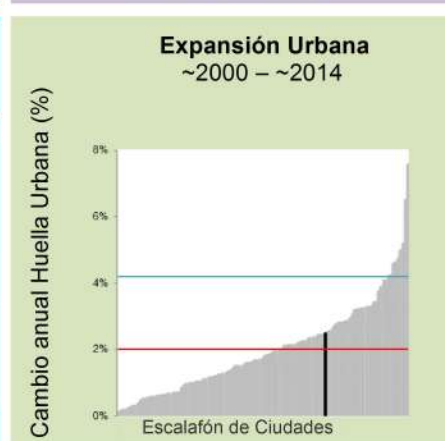


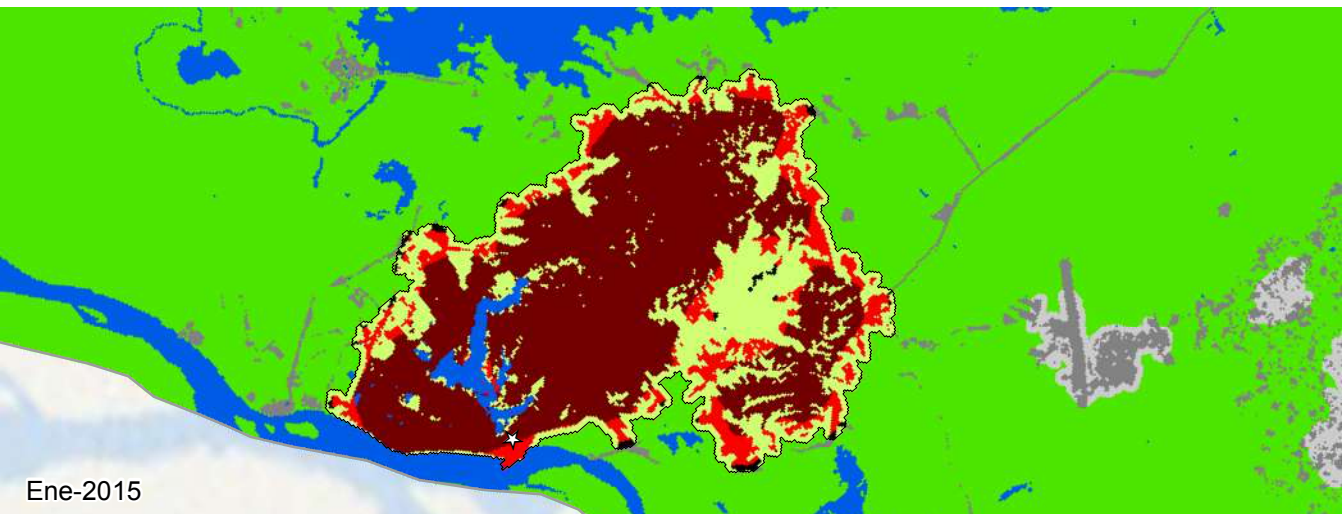
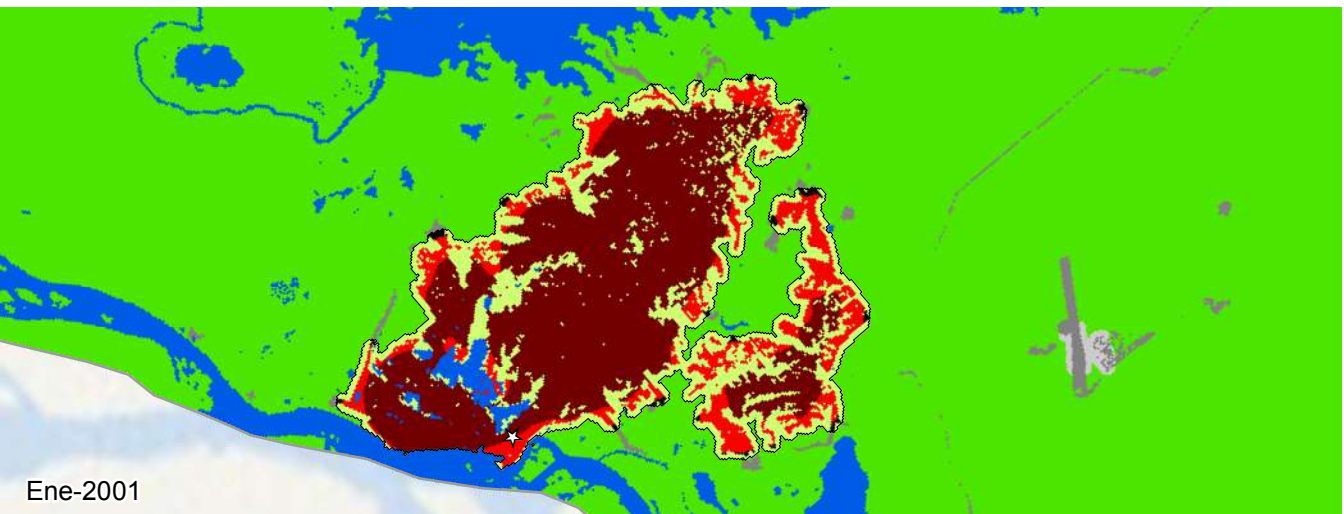
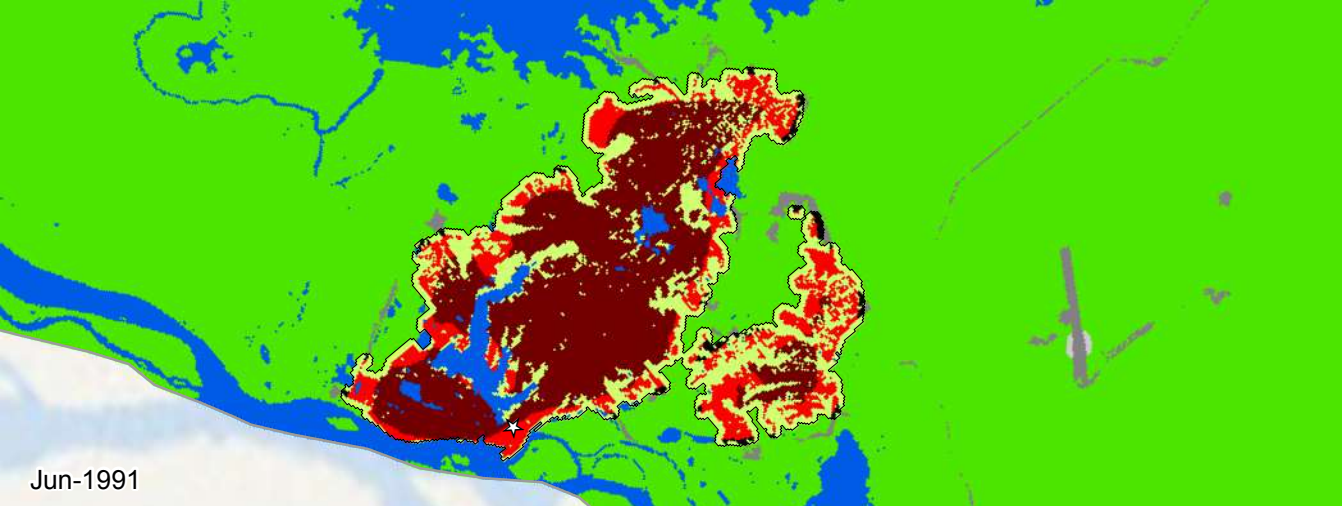
**Legenda**

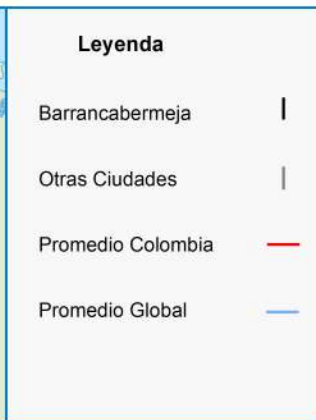
- Barranca de Upía |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



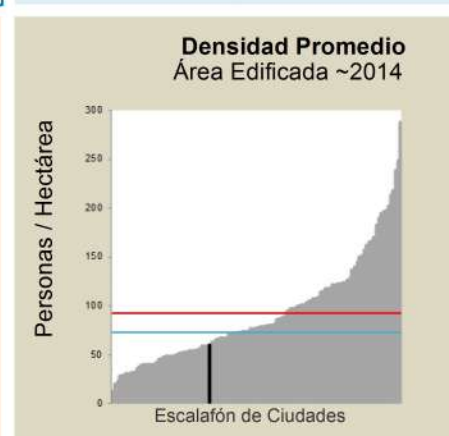
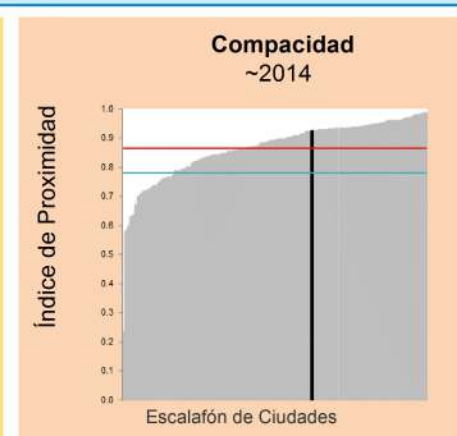
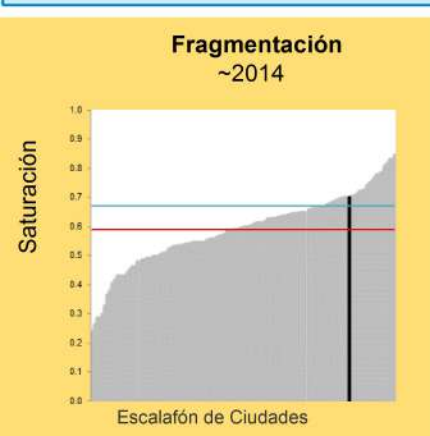
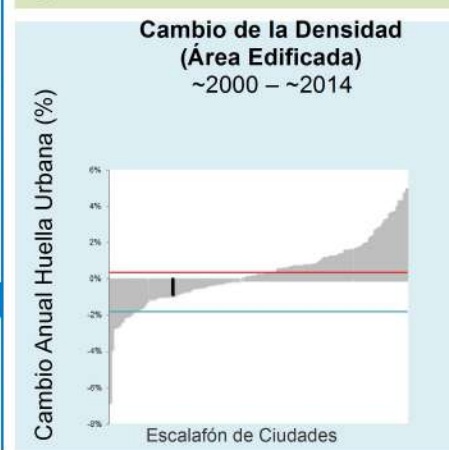
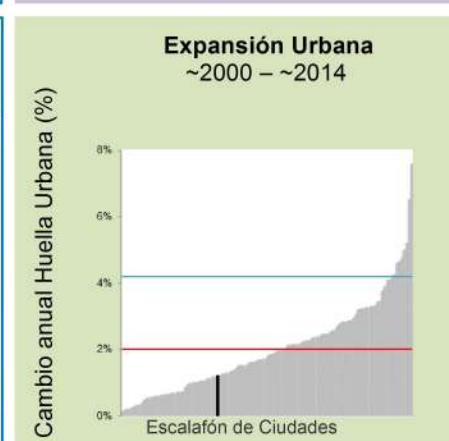
| Métrica                             | Ene 1990 | Ene 2000 | Feb 2014 | Cambio Anual % ('00-'14) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 1,133    | 2,018    | 4,374    | 5.5                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 10.2     | 22.4     | 34.4     | 3.0                      |
| Urbana                              | 8.6      | 22.1     | 31.2     | 2.5                      |
| Suburbana                           | 0.0      | 0.0      | 0.0      | 0.0                      |
| Rural                               | 1.5      | 0.4      | 3.1      | 15.4                     |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 19       | 36       | 49       | 2.1                      |
| Huella Urbana                       | 29       | 59       | 84       | 2.5                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 111.4    | 90.1     | 127.2    | 2.5                      |
| Densidad de la Huella Urbana        | 37.8     | 34.0     | 51.9     | 3.0                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.34     | 0.38     | 0.41     | 0.6                      |
| Índice de Apertura                  | 0.86     | 0.74     | 0.71     | -0.4                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.94     | 0.95     | 0.89     | -0.5                     |
| Cohesión                            | 0.91     | 0.93     | 0.87     | -0.5                     |
| Área Agregada (Hectáreas)           | '90-'00  | Porción  | '00-'14  | Porción                  |
| Relleno                             | 2.88     | 23.68%   | 3.96     | 34.89%                   |
| Extensión                           | 8.28     | 68.09%   | 2.07     | 18.24%                   |
| Crecimiento Discontinuo             | 0.0      | 0.0%     | 4.32     | 38.06%                   |
| Inclusión                           | 1.0      | 8.22%    | 1.0      | 8.81%                    |

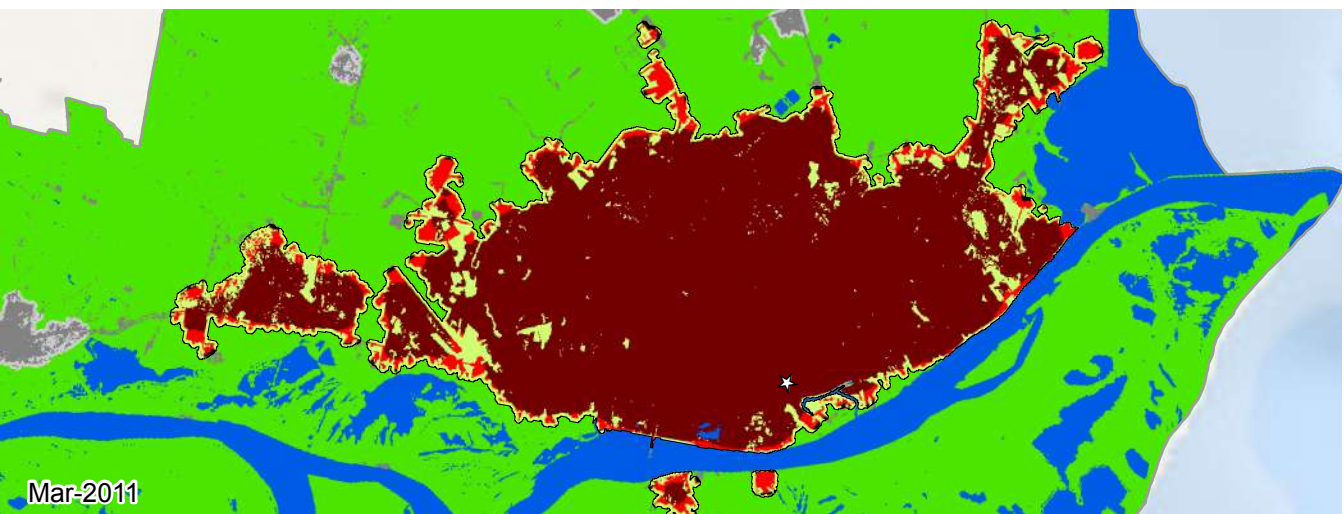
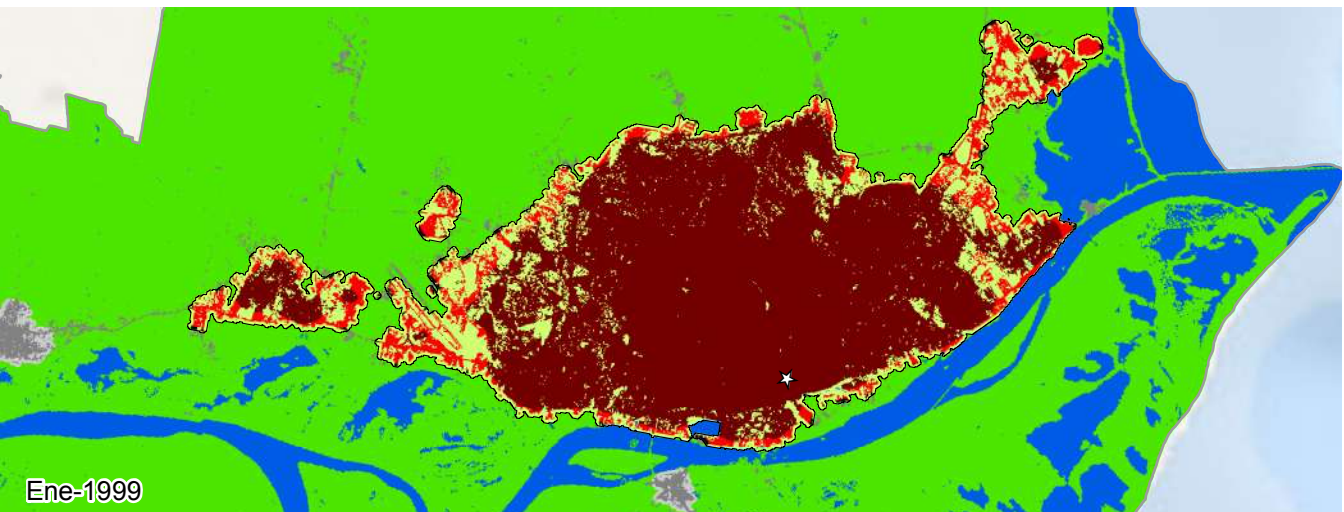
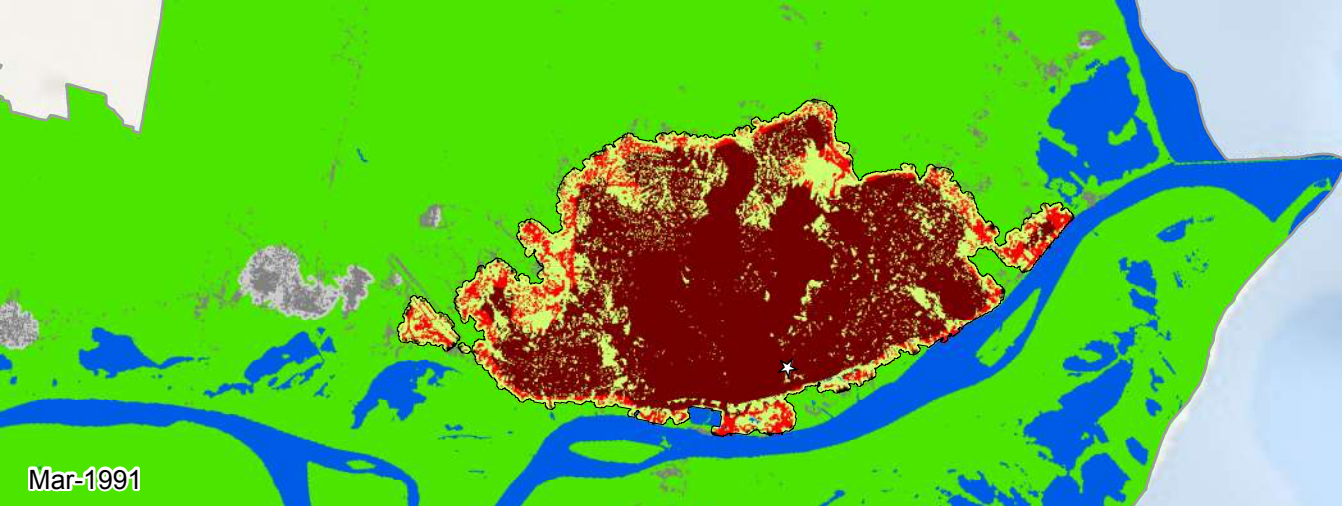




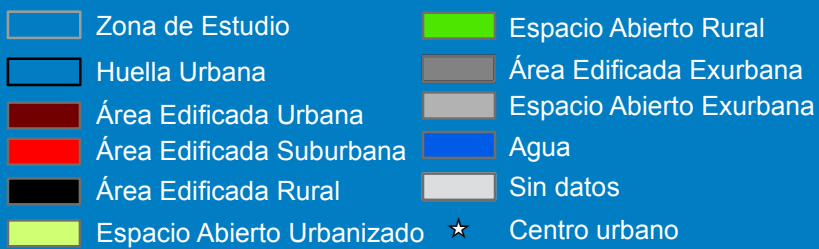


| Métrica                             | Jun 1991 | Ene 2001 | Ene 2015 | Cambio Anual % ('01-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 147,801  | 164,761  | 172,167  | 0.3                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 1,466.0  | 1,693.8  | 2,007.7  | 1.2                      |
| Urbana                              | 1,056.5  | 1,337.9  | 1,687.9  | 1.7                      |
| Suburbana                           | 377.6    | 336.1    | 295.9    | -0.9                     |
| Rural                               | 31.9     | 19.7     | 23.9     | 1.4                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 678      | 726      | 850      | 1.1                      |
| Huella Urbana                       | 2,144    | 2,420    | 2,858    | 1.2                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 100.8    | 97.3     | 85.8     | -0.9                     |
| Densidad de la Huella Urbana        | 68.9     | 68.1     | 60.2     | -0.9                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.68     | 0.70     | 0.70     | 0.0                      |
| Índice de Apertura                  | 0.36     | 0.31     | 0.28     | -0.8                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.87     | 0.89     | 0.92     | 0.3                      |
| Cohesión                            | 0.86     | 0.88     | 0.92     | 0.3                      |
| Área Agregada (Hectáreas)           | '91-'01  | Porción  | '01-'15  | Porción                  |
| Relleno                             | 107.37   | 47.26%   | 128.61   | 41.05%                   |
| Extensión                           | 59.85    | 26.34%   | 132.12   | 42.17%                   |
| Crecimiento Discontinuo             | 30.96    | 13.63%   | 25.56    | 8.16%                    |
| Inclusión                           | 29.0     | 12.77%   | 27.0     | 8.62%                    |





Gran Barranquilla, Atlántico  
1991-2011



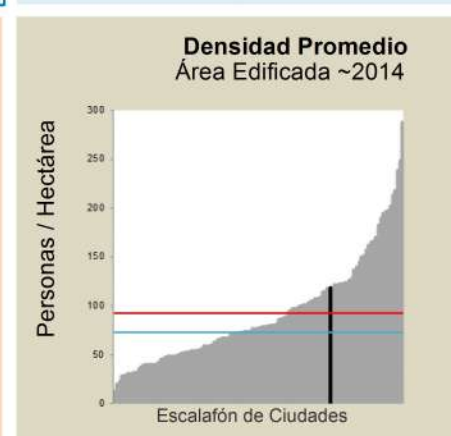
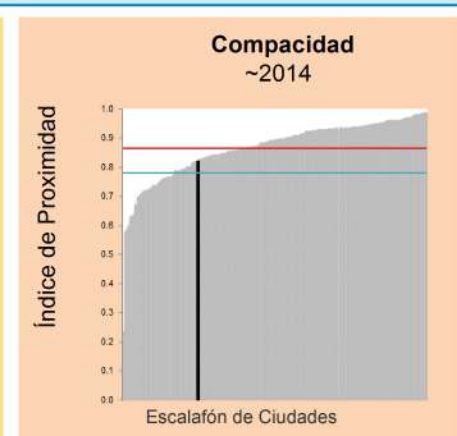
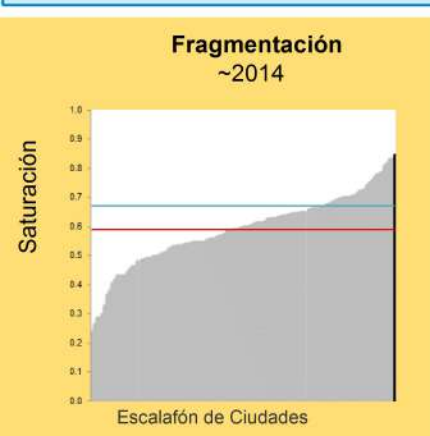
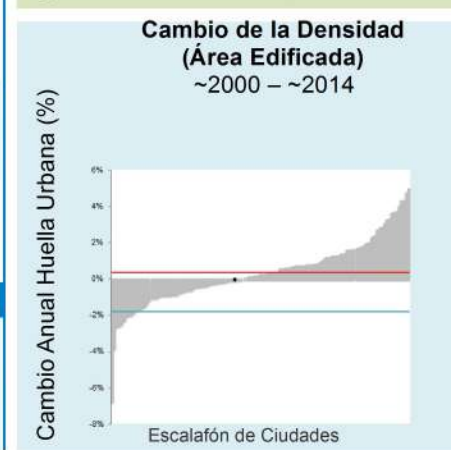
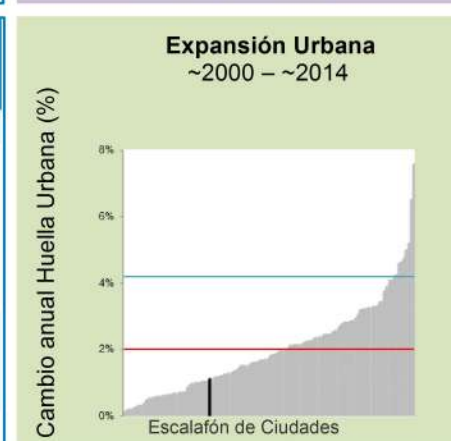


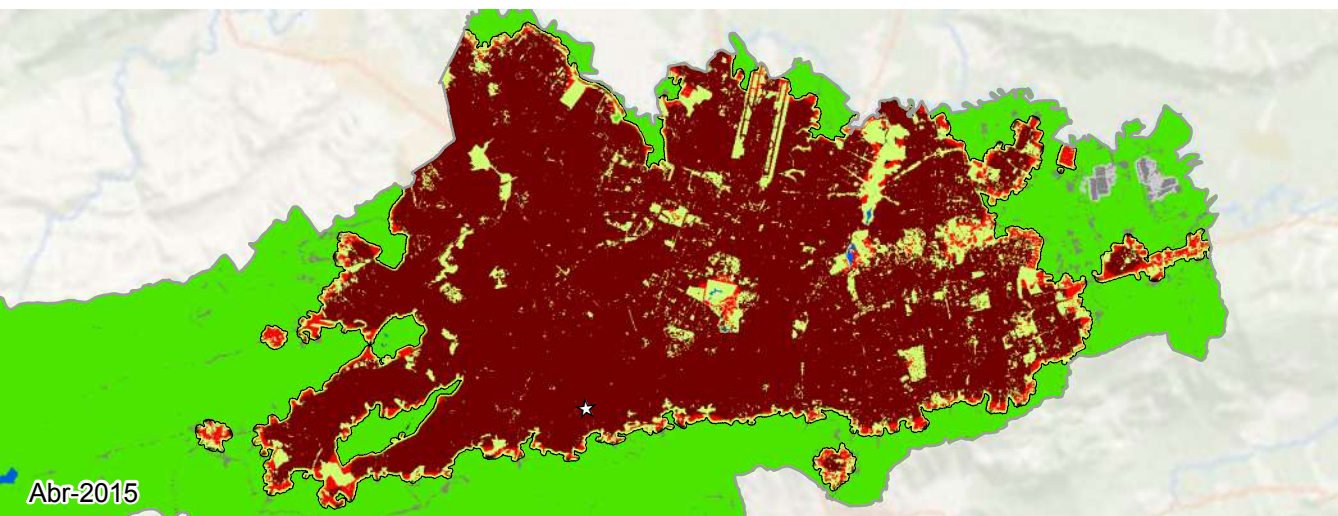
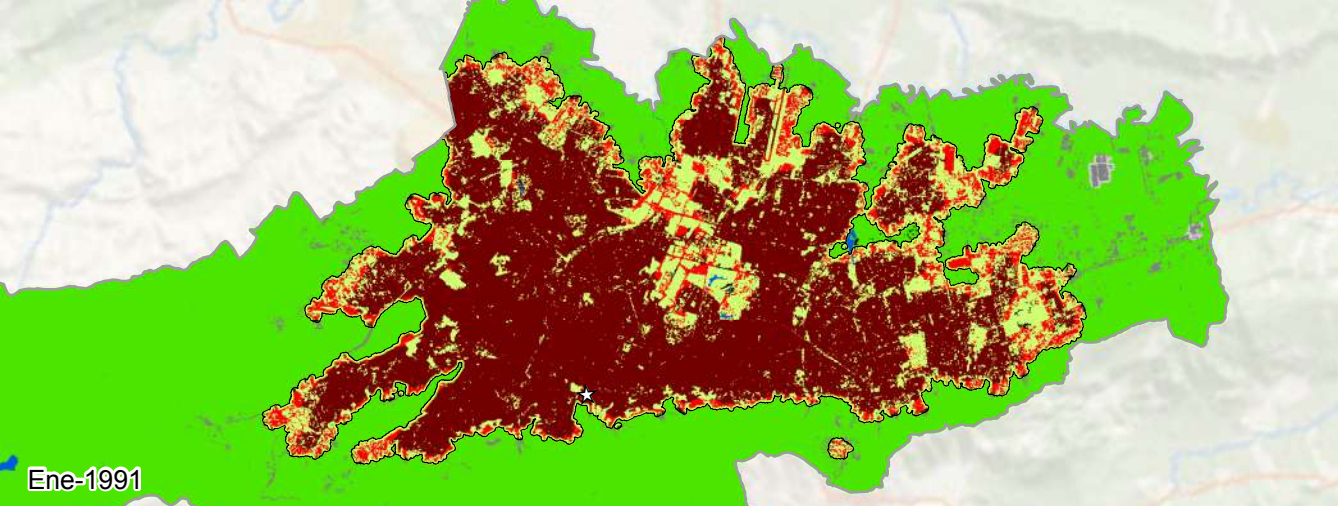
**Leyenda**

- Gran Barranquilla |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



| Métrica                             | Mar 1991  | Ene 1999  | Mar 2011  | Cambio Anual % ('99-'11) |
|-------------------------------------|-----------|-----------|-----------|--------------------------|
| Población                           | 1,234,763 | 1,481,255 | 1,680,471 | 1.0                      |
| Área Edificada (Hectáreas)          |           |           |           |                          |
| Total                               | 6,770.0   | 9,569.3   | 11,999.5  | 1.9                      |
| Urbana                              | 5,928.3   | 8,341.5   | 11,021.2  | 2.3                      |
| Suburbana                           | 781.1     | 1,142.4   | 905.6     | -1.9                     |
| Rural                               | 60.6      | 85.5      | 72.7      | -1.3                     |
| Espacio Abierto (Hectáreas)         |           |           |           |                          |
| Espacio Abierto Urbanizado          | 2,525     | 2,820     | 2,177     | -2.1                     |
| Huella Urbana                       | 9,295     | 12,389    | 14,177    | 1.1                      |
| Densidad (Personas / Hectáreas)     |           |           |           |                          |
| Densidad del Área Edificada         | 182.4     | 154.8     | 140.0     | -0.8                     |
| Densidad de la Huella Urbana        | 132.8     | 119.6     | 118.5     | -0.1                     |
| Fragmentación                       |           |           |           |                          |
| Saturación (Área Edif./Huella Urb.) | 0.73      | 0.77      | 0.85      | 0.8                      |
| Índice de Apertura                  | 0.22      | 0.17      | 0.14      | -2.0                     |
| Compacidad (Redondez)               |           |           |           |                          |
| Proximidad                          | 0.91      | 0.82      | 0.82      | 0.0                      |
| Cohesión                            | 0.90      | 0.81      | 0.80      | -0.0                     |
| Área Agregada (Hectáreas)           | '91-'99   | Porción   | '99-'11   | Porción                  |
| Relleno                             | 1,355.4   | 48.42%    | 1,322.1   | 54.42%                   |
| Extensión                           | 561.87    | 20.07%    | 719.1     | 29.6%                    |
| Crecimiento Discontinuo             | 360.72    | 12.89%    | 149.04    | 6.14%                    |
| Inclusión                           | 521.0     | 18.61%    | 239.0     | 9.84%                    |





Gran Bogotá D.C.,  
Cundinamarca  
1991-2015

Zona de Estudio

Huella Urbana

Área Edificada Urbana

Área Edificada Suburbana

Área Edificada Rural

Espacio Abierto Urbanizado

Espacio Abierto Rural

Área Edificada Exurbana

Espacio Abierto Exurbana

Agua

Sin datos

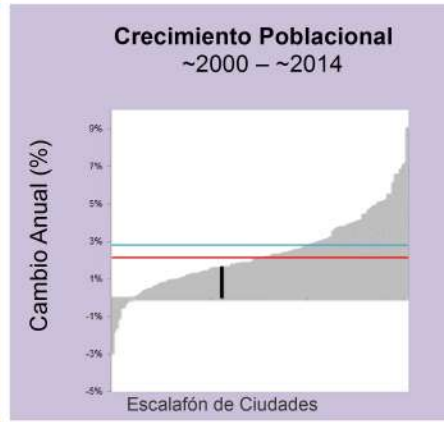
★ Centro urbano



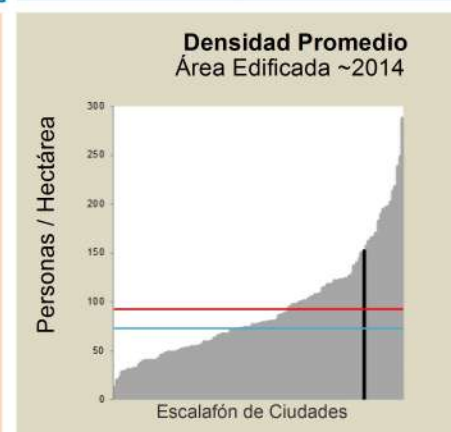
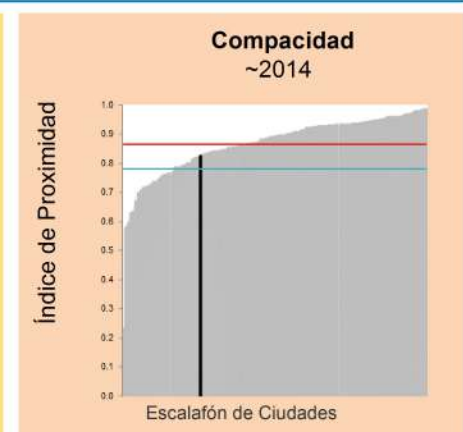
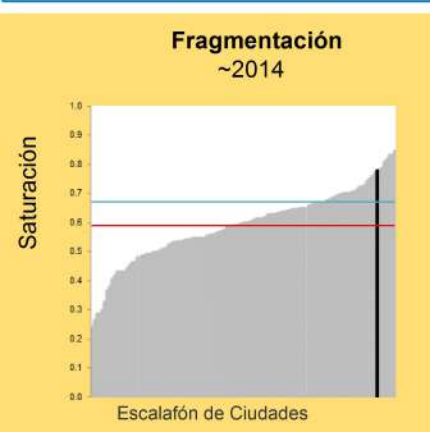
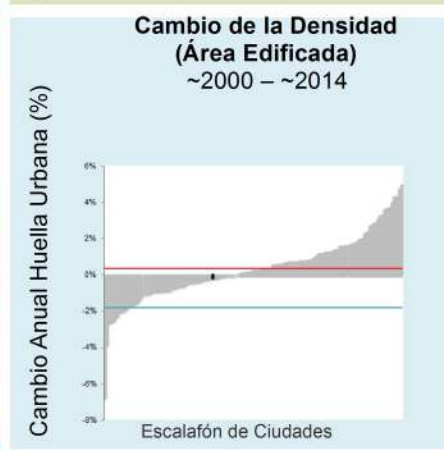
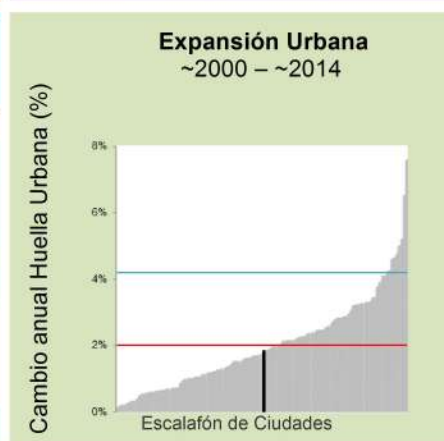


**Legenda**

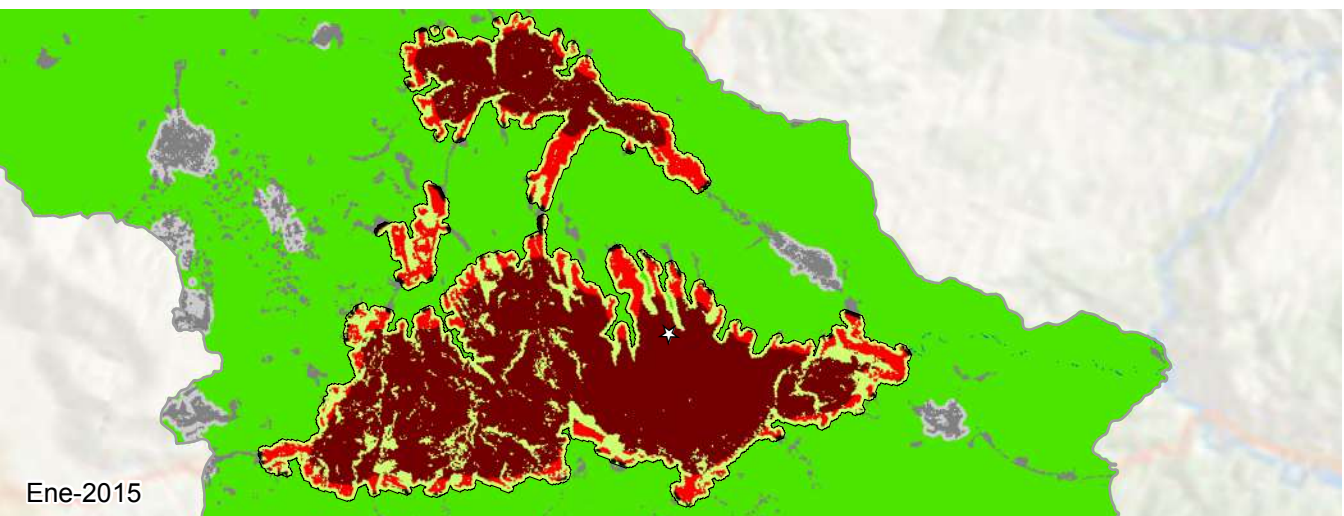
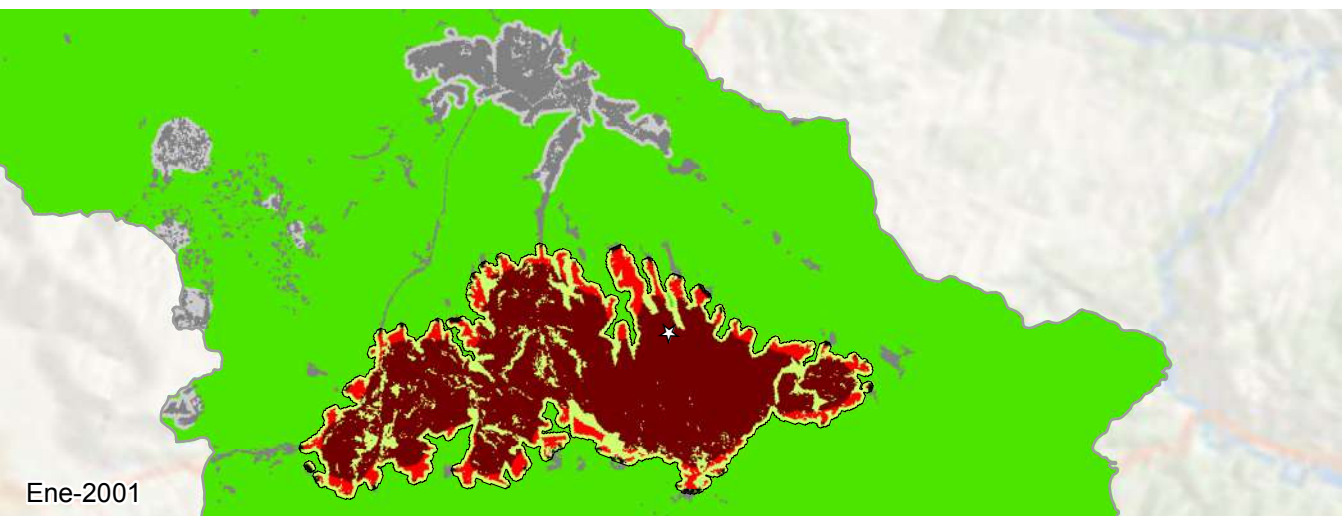
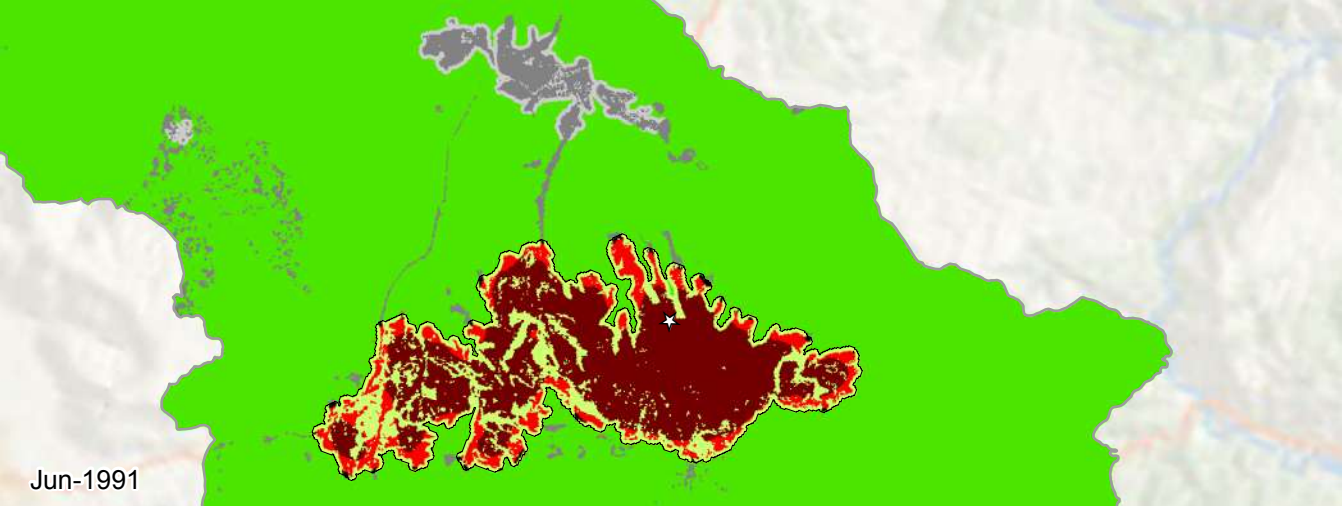
- Gran Bogotá D.C. |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



| Métrica                             | Ene 1991  | Nov 2003  | Abr 2015  | Cambio Anual % ('03-'15) |
|-------------------------------------|-----------|-----------|-----------|--------------------------|
| Población                           | 4,442,220 | 6,074,404 | 7,306,649 | 1.6                      |
| Área Edificada (Hectáreas)          |           |           |           |                          |
| Total                               | 22,908.6  | 30,251.9  | 37,459.4  | 1.9                      |
| Urbana                              | 19,600.6  | 27,304.2  | 32,951.2  | 1.6                      |
| Suburbana                           | 3,103.6   | 2,729.5   | 4,193.8   | 3.8                      |
| Rural                               | 204.5     | 218.2     | 314.4     | 3.2                      |
| Espacio Abierto (Hectáreas)         |           |           |           |                          |
| Espacio Abierto Urbanizado          | 9,295     | 8,767     | 10,587    | 1.7                      |
| Huella Urbana                       | 32,203    | 39,019    | 48,046    | 1.8                      |
| Densidad (Personas / Hectáreas)     |           |           |           |                          |
| Densidad del Área Edificada         | 193.9     | 200.8     | 195.1     | -0.3                     |
| Densidad de la Huella Urbana        | 137.9     | 155.7     | 152.1     | -0.2                     |
| Fragmentación                       |           |           |           |                          |
| Saturación (Área Edif./Huella Urb.) | 0.71      | 0.78      | 0.78      | 0.0                      |
| Índice de Apertura                  | 0.23      | 0.18      | 0.18      | 0.1                      |
| Compacidad (Redondez)               |           |           |           |                          |
| Proximidad                          | 0.84      | 0.86      | 0.83      | -0.3                     |
| Cohesión                            | 0.83      | 0.85      | 0.81      | -0.4                     |
| Área Agregada (Hectáreas)           | '91-'03   | Porción   | '03-'15   | Porción                  |
| Relleno                             | 3,481.38  | 47.41%    | 2,569.95  | 35.66%                   |
| Extensión                           | 2,514.24  | 34.24%    | 1,895.67  | 26.3%                    |
| Crecimiento Discontinuo             | 370.8     | 5.05%     | 635.4     | 8.82%                    |
| Inclusión                           | 976.0     | 13.29%    | 2,106.0   | 29.22%                   |



















## Gran Bucaramanga, Santander 1991-2015

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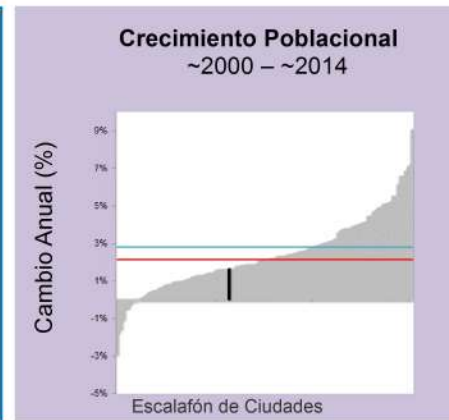


- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |   | Centro urbano            |

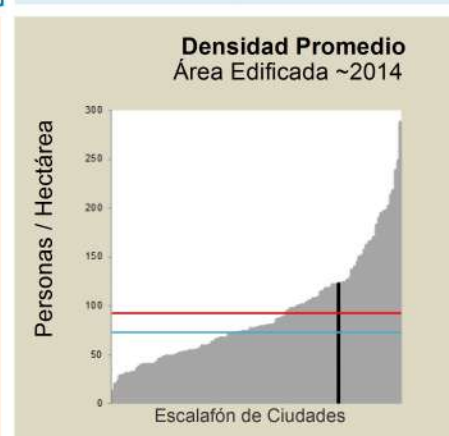
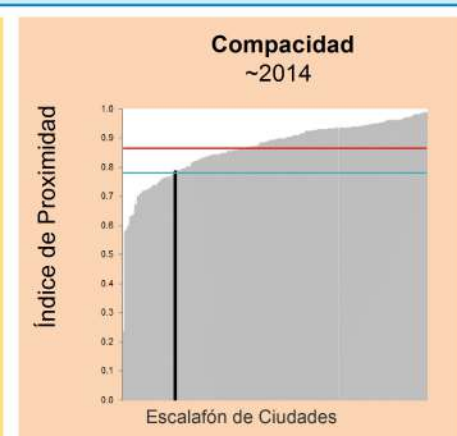
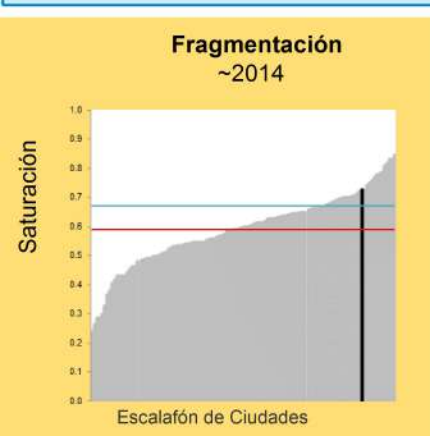
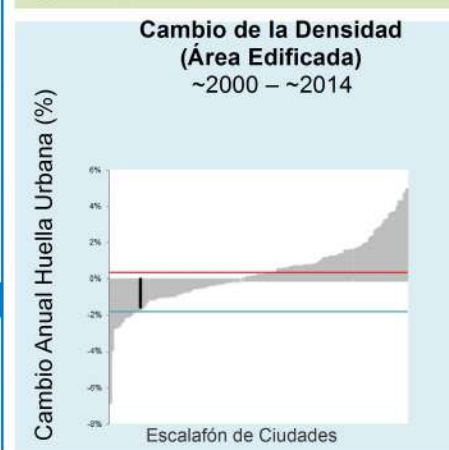
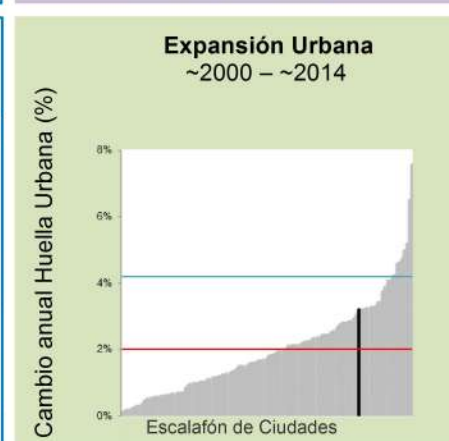


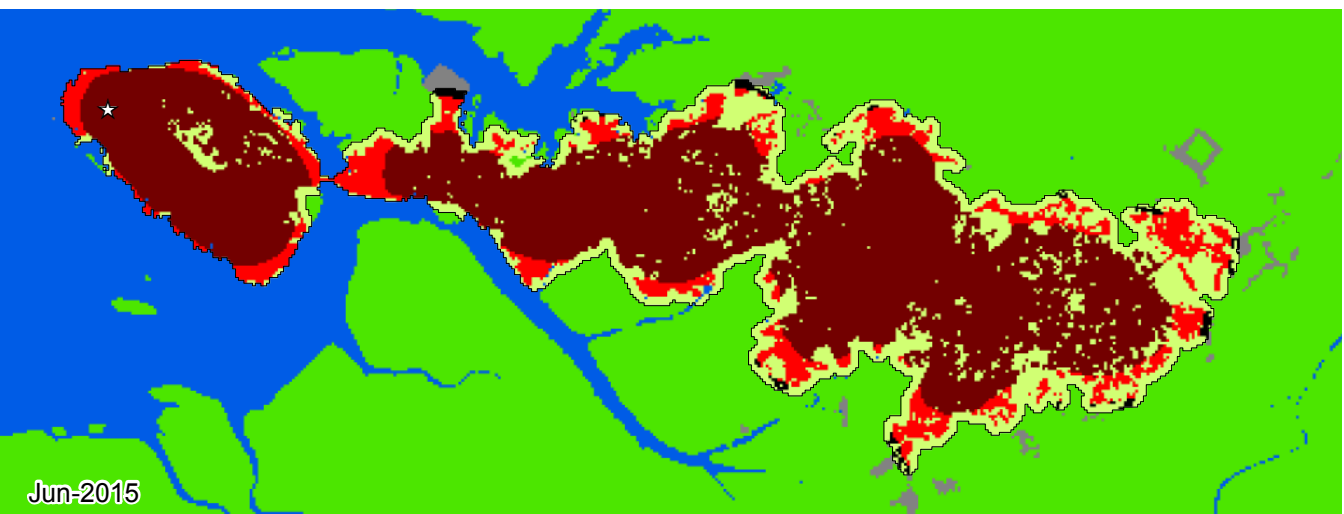
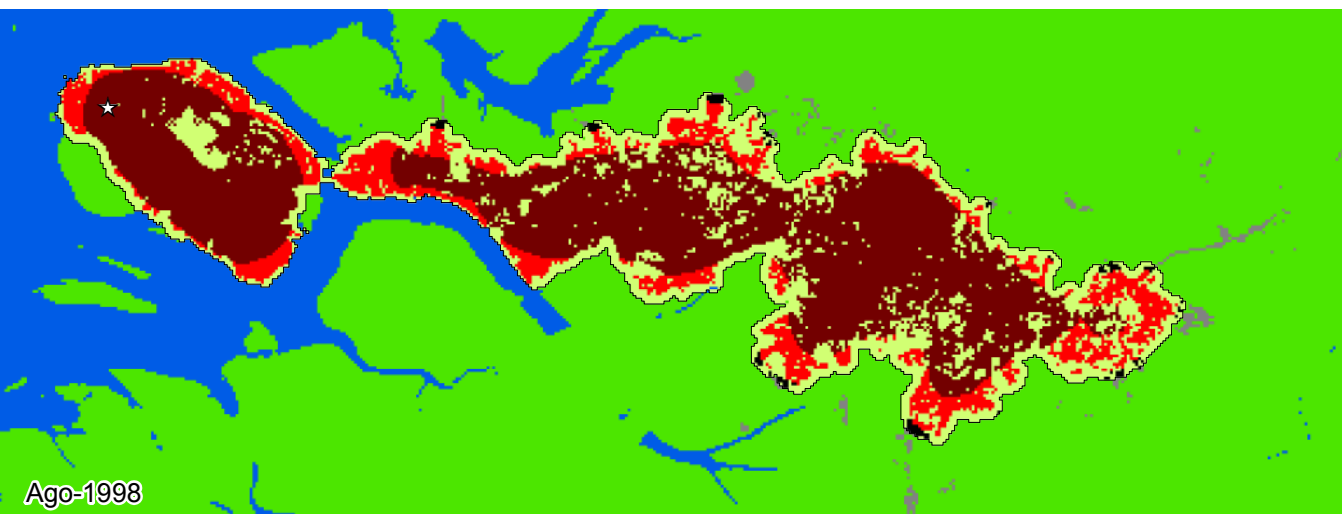
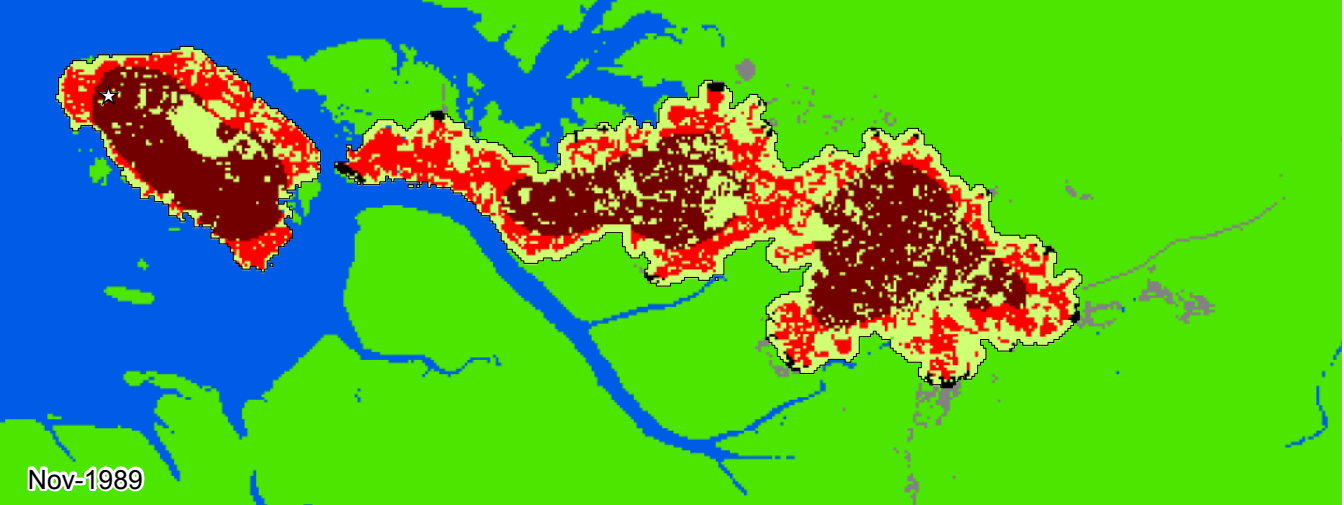
**Legenda**

- Gran Bucaramanga |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



| Métrica                             | Jun 1991 | Ene 2001 | Ene 2015 | Cambio Anual % ('01-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 556,734  | 633,221  | 794,905  | 1.6                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 2,477.2  | 3,065.5  | 4,700.3  | 3.1                      |
| Urbana                              | 1,954.7  | 2,624.7  | 3,823.3  | 2.7                      |
| Suburbana                           | 494.1    | 400.7    | 798.8    | 4.9                      |
| Rural                               | 28.4     | 40.1     | 78.3     | 4.8                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 1,170    | 1,068    | 1,771    | 3.6                      |
| Huella Urbana                       | 3,647    | 4,133    | 6,471    | 3.2                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 224.7    | 206.6    | 169.1    | -1.4                     |
| Densidad de la Huella Urbana        | 152.6    | 153.2    | 122.8    | -1.6                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.68     | 0.74     | 0.73     | -0.1                     |
| Índice de Apertura                  | 0.31     | 0.25     | 0.27     | 0.5                      |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.79     | 0.81     | 0.79     | -0.2                     |
| Cohesión                            | 0.78     | 0.81     | 0.77     | -0.4                     |
| Área Agregada (Hectáreas)           | '91-'01  | Porción  | '01-'15  | Porción                  |
| Relleno                             | 342.45   | 58.3%    | 182.16   | 11.15%                   |
| Extensión                           | 173.07   | 29.47%   | 553.95   | 33.9%                    |
| Crecimiento Discontinuo             | 25.83    | 4.4%     | 168.75   | 10.33%                   |
| Inclusión                           | 46.0     | 7.83%    | 729.0    | 44.62%                   |

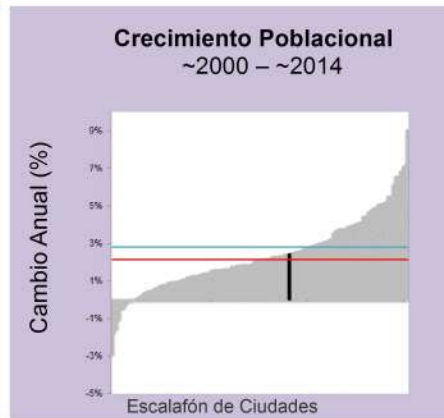




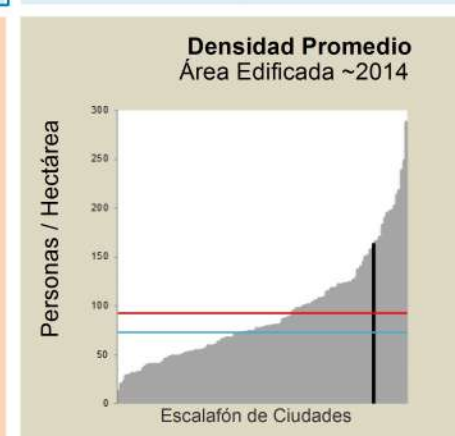
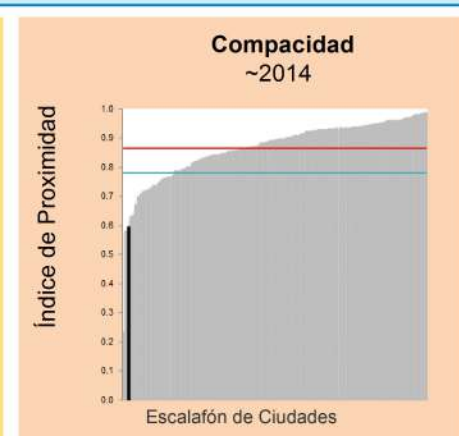
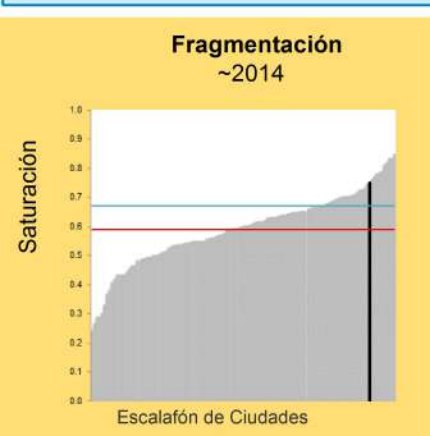
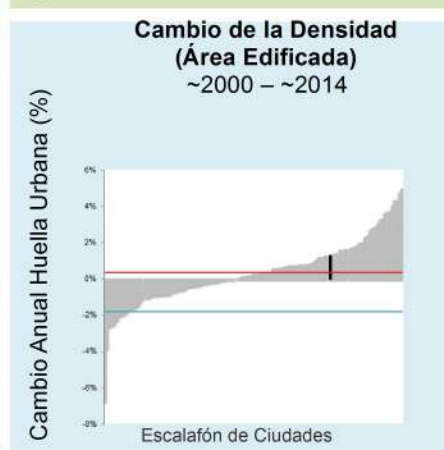
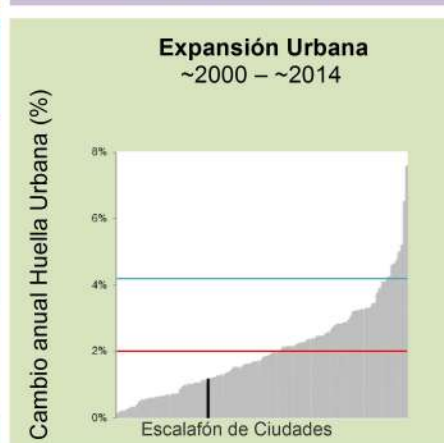


**Legenda**

- Buenaventura |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



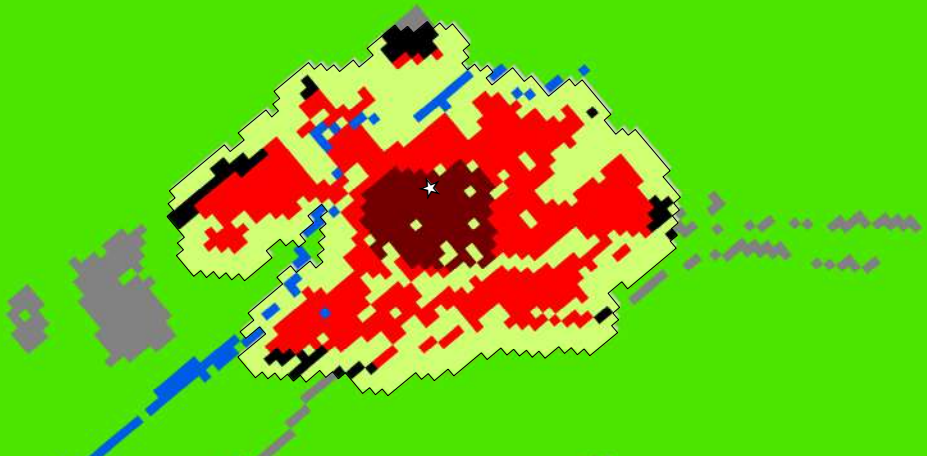
| Métrica                             | Nov 1989 | Ago 1998 | Jun 2015 | Cambio Anual % ('98-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 179,647  | 240,586  | 361,432  | 2.4                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 916.9    | 1,279.2  | 1,670.8  | 1.6                      |
| Urbana                              | 538.6    | 983.2    | 1,390.1  | 2.1                      |
| Suburbana                           | 362.6    | 282.6    | 261.9    | -0.5                     |
| Rural                               | 15.8     | 13.4     | 18.8     | 2.0                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 595      | 550      | 553      | 0.0                      |
| Huella Urbana                       | 1,512    | 1,829    | 2,224    | 1.2                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 195.9    | 188.1    | 216.3    | 0.8                      |
| Densidad de la Huella Urbana        | 118.8    | 131.5    | 162.5    | 1.3                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.61     | 0.70     | 0.75     | 0.4                      |
| Índice de Apertura                  | 0.45     | 0.35     | 0.29     | -1.1                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.53     | 0.55     | 0.59     | 0.5                      |
| Cohesión                            | 0.53     | 0.55     | 0.60     | 0.5                      |
| Área Agregada (Hectáreas)           | '89-'98  | Porción  | '98-'15  | Porción                  |
| Relleno                             | 201.6    | 55.76%   | 170.46   | 43.57%                   |
| Extensión                           | 90.63    | 25.07%   | 155.97   | 39.87%                   |
| Crecimiento Discontinuo             | 42.3     | 11.7%    | 41.76    | 10.68%                   |
| Inclusión                           | 27.0     | 7.47%    | 23.0     | 5.88%                    |



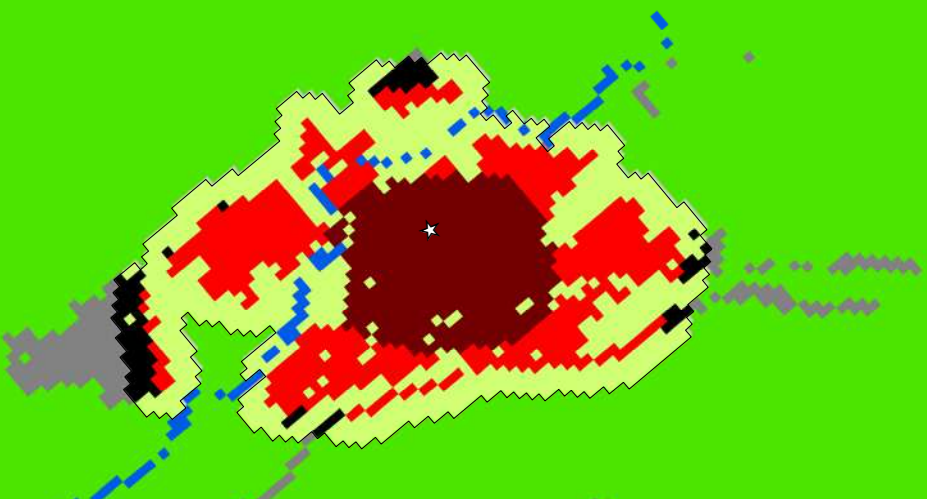
Mar-1991



Ene-2001



Mar-2014



Bugalagrande, Valle del Cauca  
1991-2014

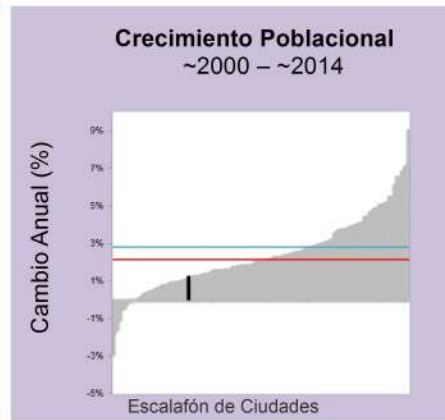


- |                            |                          |
|----------------------------|--------------------------|
| Zona de Estudio            | Espacio Abierto Rural    |
| Huella Urbana              | Área Edificada Exurbana  |
| Área Edificada Urbana      | Espacio Abierto Exurbana |
| Área Edificada Suburbana   | Agua                     |
| Área Edificada Rural       | Sin datos                |
| Espacio Abierto Urbanizado | Centro urbano            |

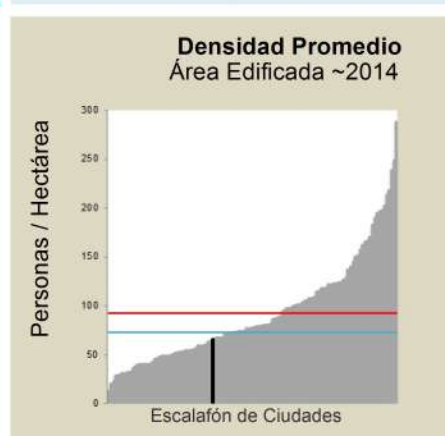
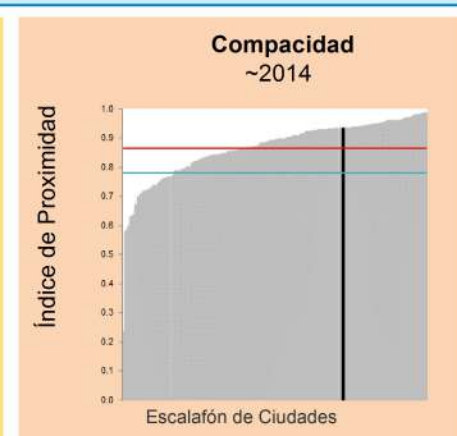
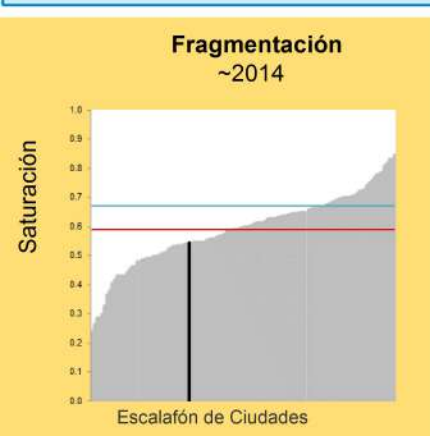
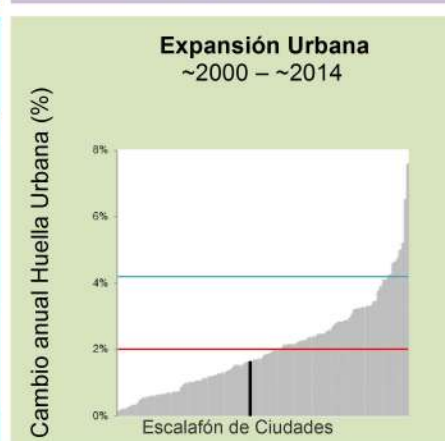


**Legenda**

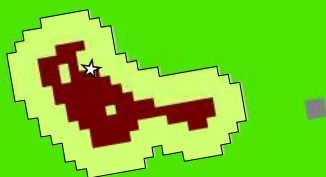
- Bugalagrande |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



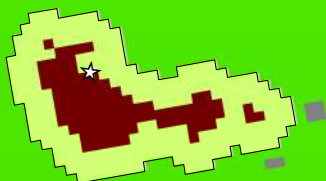
| Métrica                             | Mar 1991 | Ene 2001 | Mar 2014 | Cambio Anual % ('01-'14) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 7,130    | 9,271    | 10,866   | 1.2                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 55.8     | 69.4     | 89.9     | 2.0                      |
| Urbana                              | 1.5      | 12.0     | 35.5     | 8.3                      |
| Suburbana                           | 49.5     | 51.5     | 47.1     | -0.7                     |
| Rural                               | 4.8      | 5.9      | 7.3      | 1.6                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 40       | 64       | 75       | 1.2                      |
| Huella Urbana                       | 96       | 133      | 165      | 1.6                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 127.8    | 133.6    | 120.9    | -0.8                     |
| Densidad de la Huella Urbana        | 73.8     | 69.3     | 65.7     | -0.4                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.58     | 0.52     | 0.54     | 0.4                      |
| Índice de Apertura                  | 0.61     | 0.60     | 0.55     | -0.7                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.96     | 0.96     | 0.93     | -0.2                     |
| Cohesión                            | 0.95     | 0.95     | 0.92     | -0.2                     |
| Área Agregada (Hectáreas)           | '91-'01  | Porción  | '01-'14  | Porción                  |
| Relleno                             | 0.0      | 0.0%     | 9.0      | 45.75%                   |
| Extensión                           | 9.45     | 74.29%   | 4.5      | 22.88%                   |
| Crecimiento Discontinuo             | 0.27     | 2.12%    | 1.17     | 5.95%                    |
| Inclusión                           | 3.0      | 23.58%   | 5.0      | 25.42%                   |



Jul-1989



Jul-2000

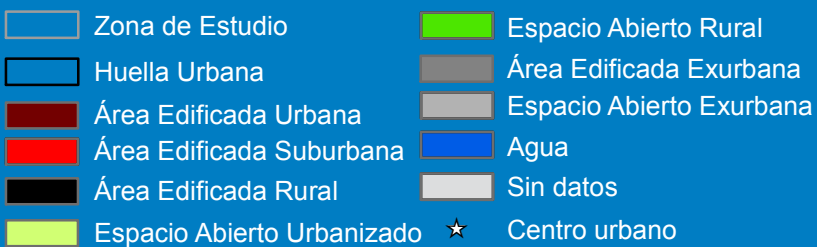


Dic-2015



Buriticá, Valle del Cauca  
1989-2015

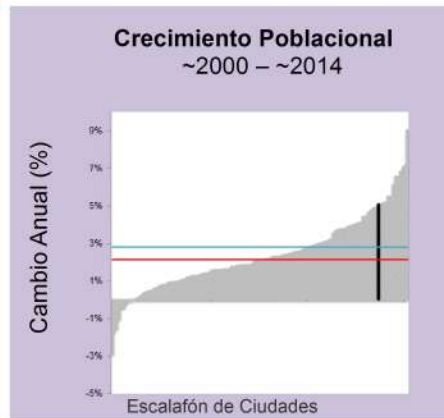
0 0.5 1 km



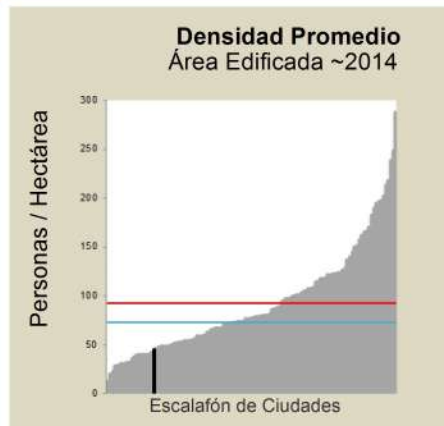
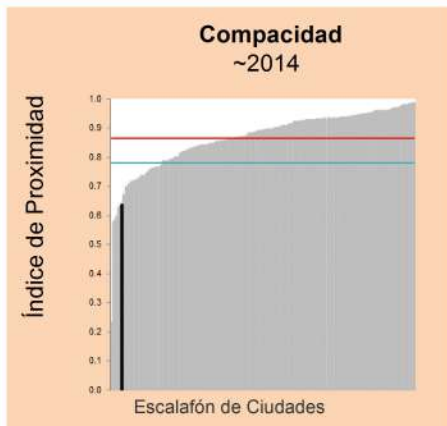
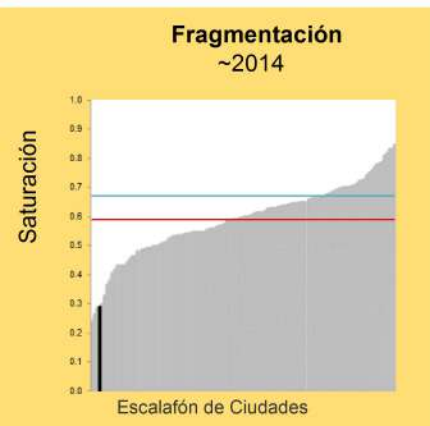
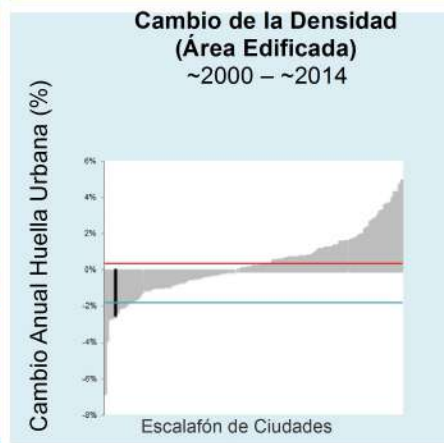
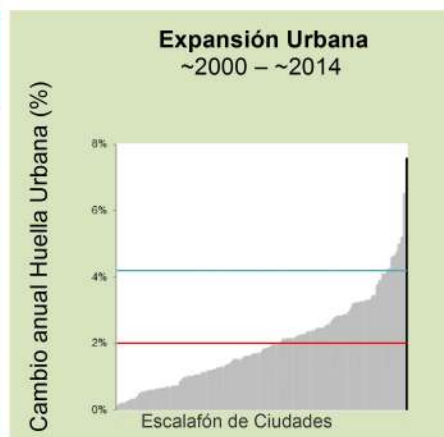


**Legenda**

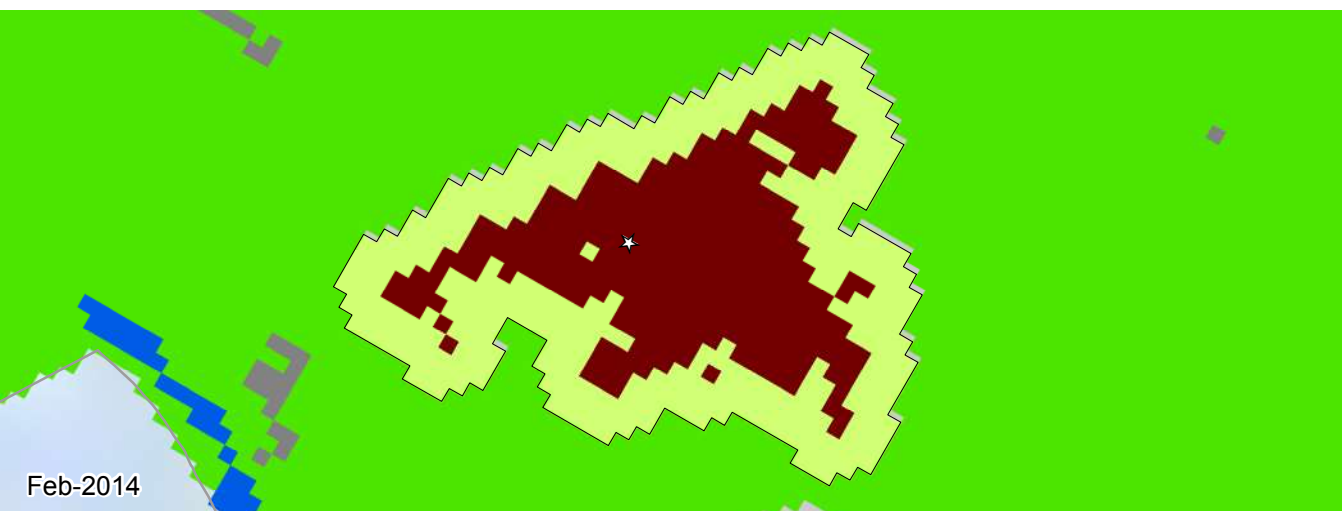
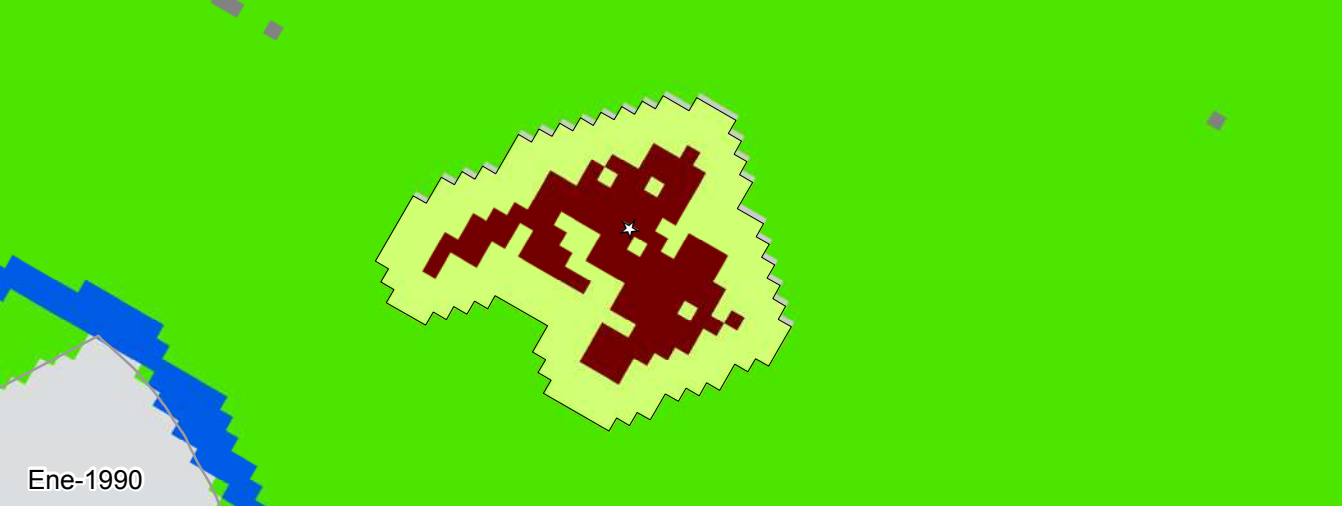
- Buriticá |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



| Métrica                             | Jul 1989 | Jul 2000 | Dic 2015 | Cambio Anual % ('00-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 1,946    | 1,878    | 4,105    | 5.1                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 6.6      | 8.4      | 26.4     | 7.4                      |
| Urbana                              | 6.6      | 8.4      | 25.5     | 7.2                      |
| Suburbana                           | 0.0      | 0.0      | 0.0      | 0.0                      |
| Rural                               | 0.0      | 0.0      | 0.9      | 0.0                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 15       | 19       | 64       | 7.6                      |
| Huella Urbana                       | 22       | 28       | 91       | 7.6                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 296.3    | 224.5    | 155.7    | -2.4                     |
| Densidad de la Huella Urbana        | 86.5     | 66.3     | 45.1     | -2.5                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.29     | 0.30     | 0.29     | -0.1                     |
| Índice de Apertura                  | 0.93     | 0.91     | 0.87     | -0.3                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.92     | 0.89     | 0.64     | -2.1                     |
| Cohesión                            | 0.89     | 0.86     | 0.65     | -1.8                     |
| Área Agregada (Hectáreas)           | '89-'00  | Porción  | '00-'15  | Porción                  |
| Relleno                             | 0.45     | 16.07%   | 0.99     | 5.67%                    |
| Extensión                           | 1.35     | 48.21%   | 8.64     | 49.48%                   |
| Crecimiento Discontinuo             | 0.0      | 0.0%     | 7.83     | 44.85%                   |
| Inclusión                           | 1.0      | 35.71%   | 0.0      | 0.0%                     |



















### Cabuyaro, Meta 1990-2014

0 0.25 0.5 km

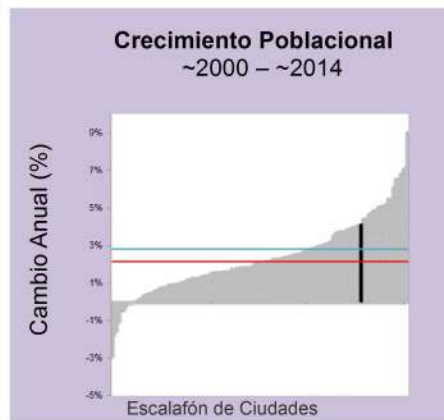


- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |  | Centro urbano            |

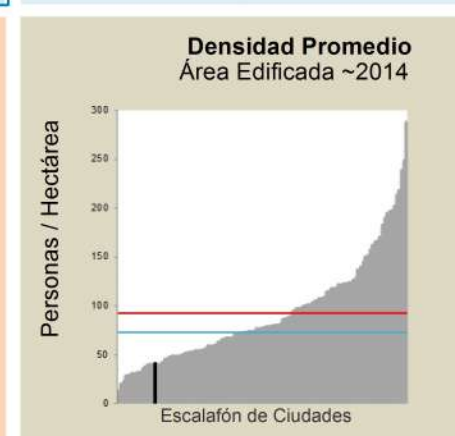
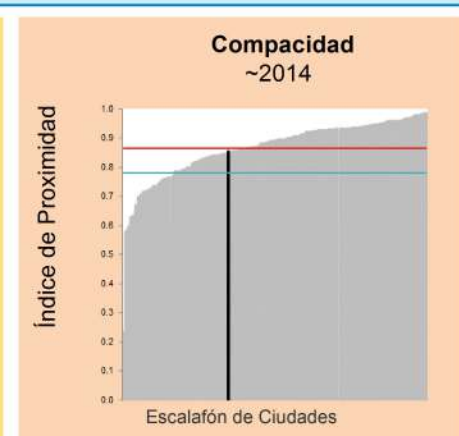
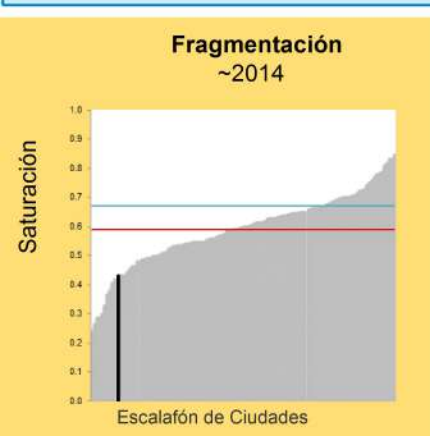
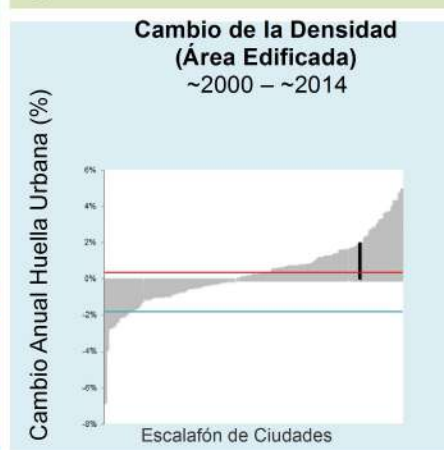
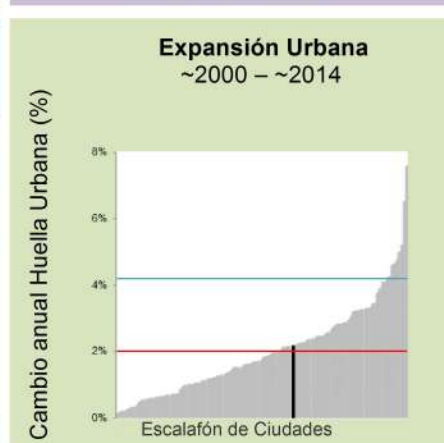


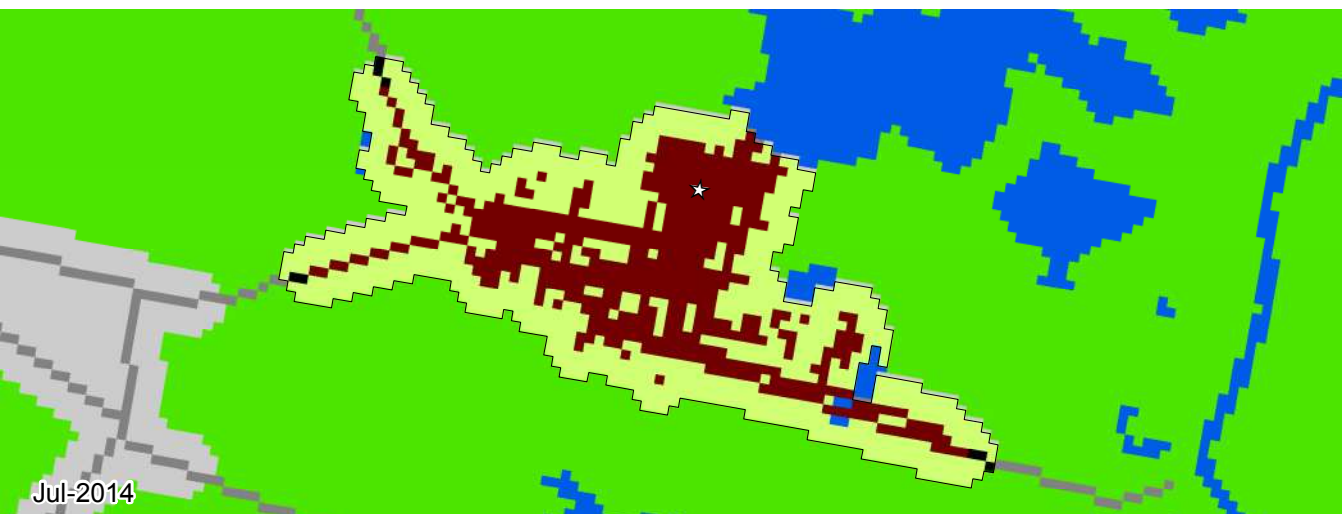
**Legenda**

- Cabuyaro |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —

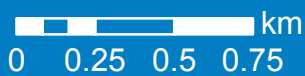














| Métrica                             | Ene 1990 | Ene 2000 | Feb 2014 | Cambio Anual % ('00-'14) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 1,011    | 1,410    | 2,516    | 4.1                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 11.2     | 18.4     | 26.6     | 2.6                      |
| Urbana                              | 11.8     | 19.8     | 28.7     | 2.6                      |
| Suburbana                           | 0.0      | 0.0      | 0.0      | 0.0                      |
| Rural                               | 0.0      | 0.2      | 0.9      | 11.4                     |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 26       | 36       | 53       | 2.7                      |
| Huella Urbana                       | 32       | 45       | 61       | 2.2                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 90.7     | 76.8     | 94.4     | 1.5                      |
| Densidad de la Huella Urbana        | 30.8     | 31.0     | 40.8     | 2.0                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.34     | 0.40     | 0.43     | 0.5                      |
| Índice de Apertura                  | 0.88     | 0.82     | 0.76     | -0.5                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.92     | 0.87     | 0.85     | -0.2                     |
| Cohesión                            | 0.89     | 0.85     | 0.84     | -0.1                     |
| Área Agregada (Hectáreas)           | '90-'00  | Porción  | '00-'14  | Porción                  |
| Relleno                             | 1.89     | 25.0%    | 1.71     | 18.81%                   |
| Extensión                           | 5.67     | 75.0%    | 6.66     | 73.27%                   |
| Crecimiento Discontinuo             | 0.0      | 0.0%     | 0.72     | 7.92%                    |
| Inclusión                           | 0.0      | 0.0%     | 0.0      | 0.0%                     |





Caimito, Sucre  
1987-2014

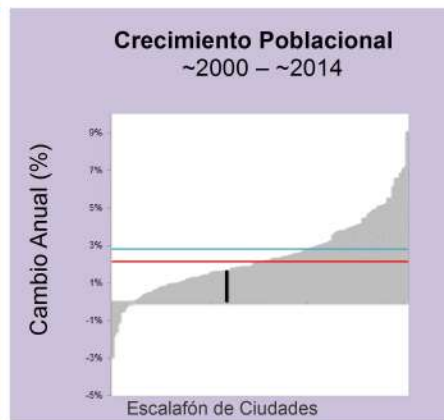


- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |   | Centro urbano            |

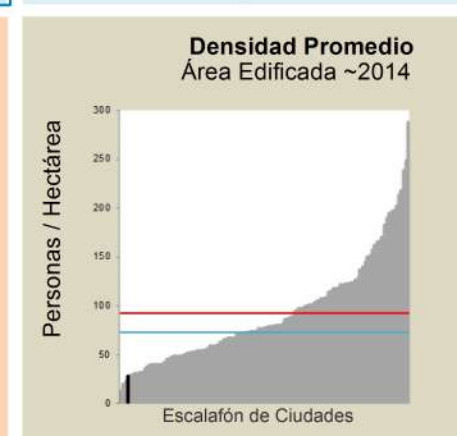
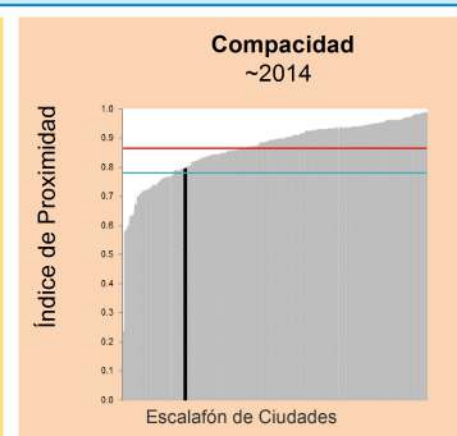
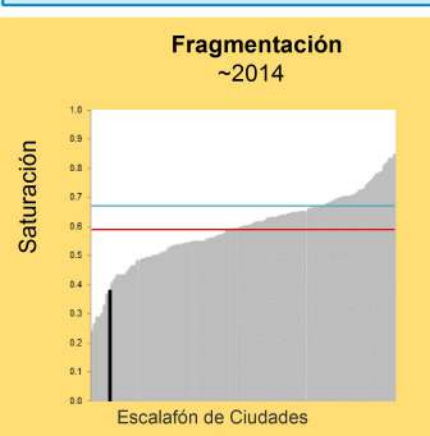
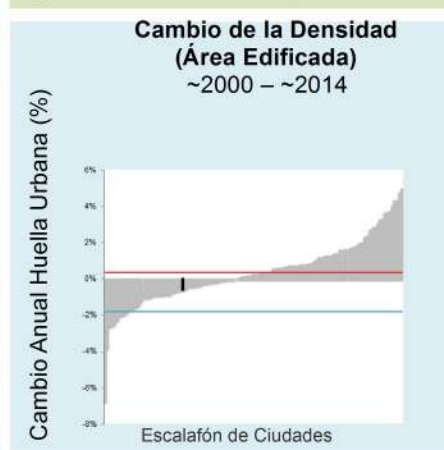
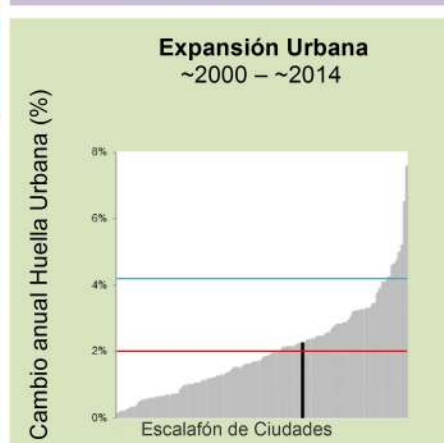


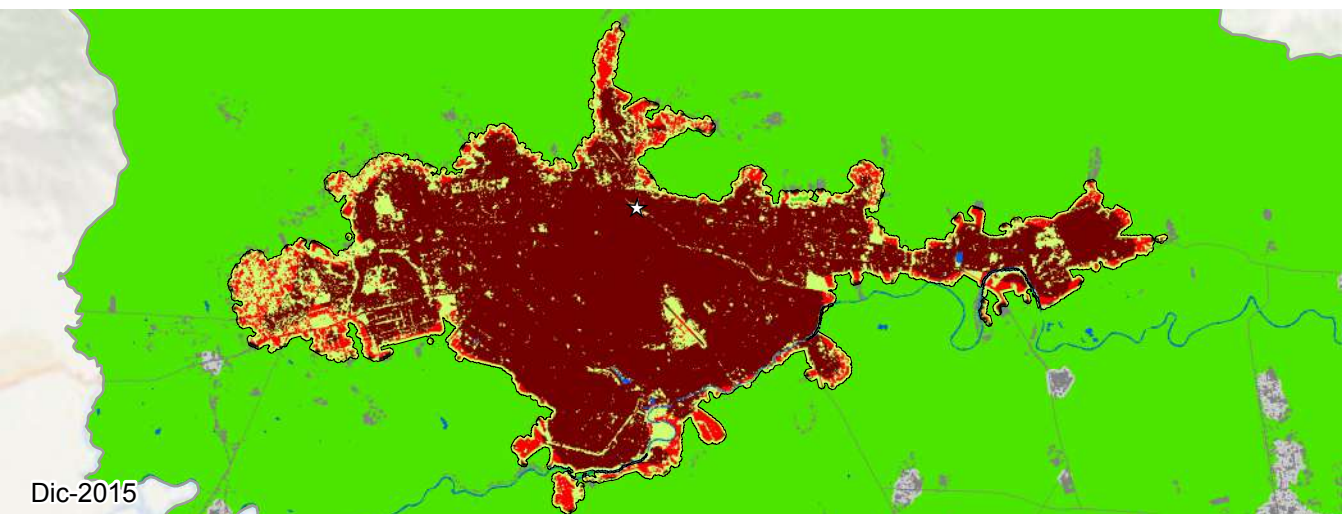
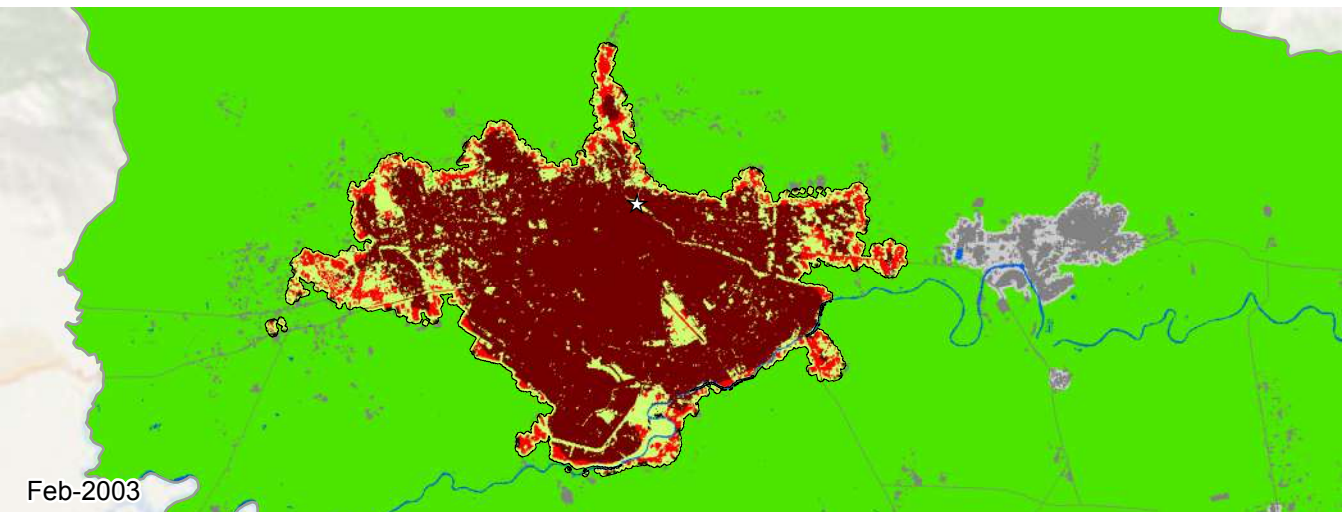
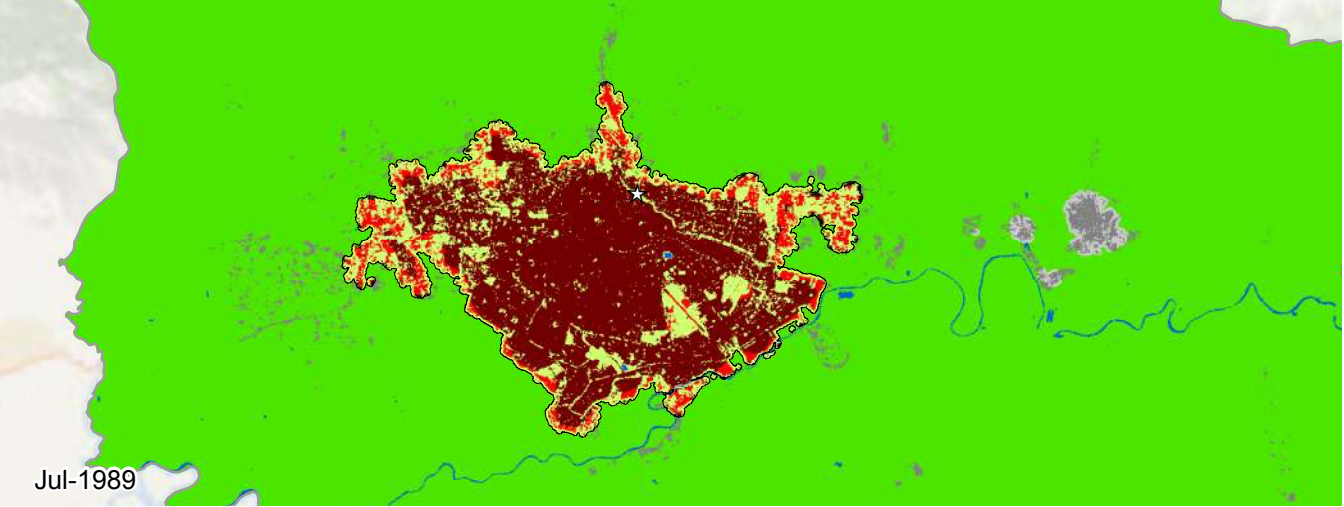
**Legenda**

- Caimito |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



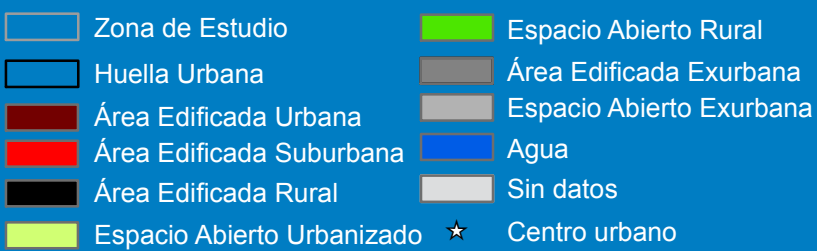
| Métrica                             | Ene 1987 | Jul 2001 | Jul 2014 | Cambio Anual % ('01-'14) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 2,483    | 2,883    | 3,566    | 1.6                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 23.2     | 31.5     | 47.8     | 3.2                      |
| Urbana                              | 22.6     | 30.6     | 47.1     | 3.3                      |
| Suburbana                           | 0.0      | 0.0      | 0.0      | 0.0                      |
| Rural                               | 0.6      | 0.9      | 0.7      | -1.7                     |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 58       | 62       | 78       | 1.7                      |
| Huella Urbana                       | 82       | 93       | 125      | 2.3                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 106.9    | 91.5     | 74.6     | -1.6                     |
| Densidad de la Huella Urbana        | 30.2     | 30.7     | 28.3     | -0.6                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.28     | 0.34     | 0.38     | 1.0                      |
| Índice de Apertura                  | 0.84     | 0.80     | 0.73     | -0.7                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.80     | 0.81     | 0.79     | -0.2                     |
| Cohesión                            | 0.78     | 0.79     | 0.78     | -0.1                     |
| Área Agregada (Hectáreas)           | '87-'01  | Porción  | '01-'14  | Porción                  |
| Relleno                             | 4.77     | 63.86%   | 5.94     | 37.24%                   |
| Extensión                           | 2.7      | 36.14%   | 7.74     | 48.53%                   |
| Crecimiento Discontinuo             | 0.0      | 0.0%     | 0.27     | 1.69%                    |
| Inclusión                           | 0.0      | 0.0%     | 2.0      | 12.54%                   |





## Gran Cali, Valle del Cauca 1989-2015

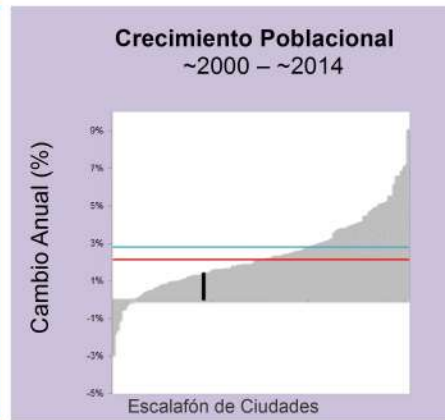
0 2 4 6 8 km



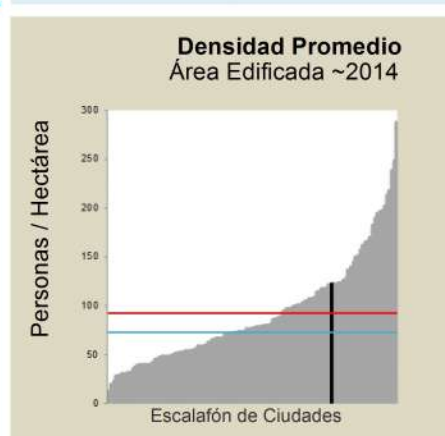
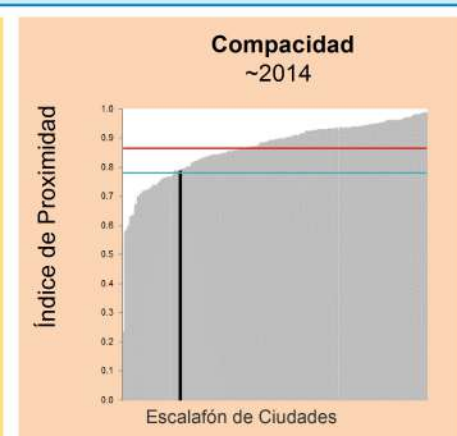
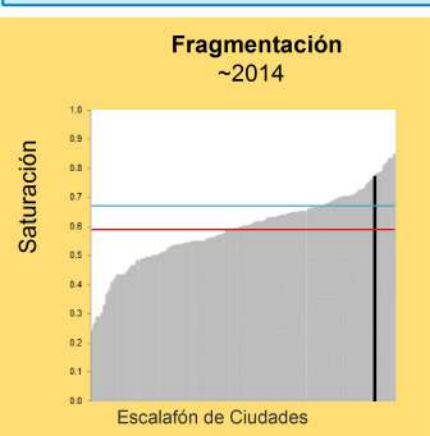
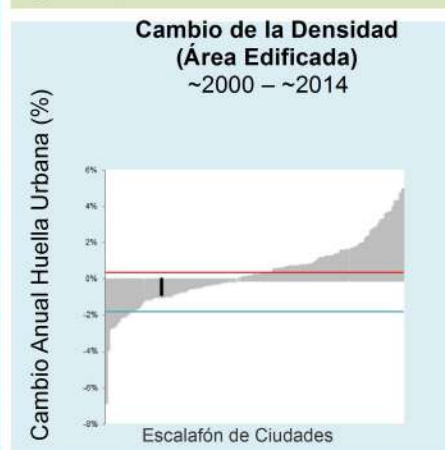
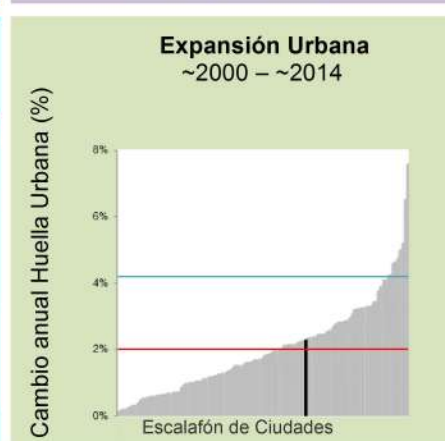


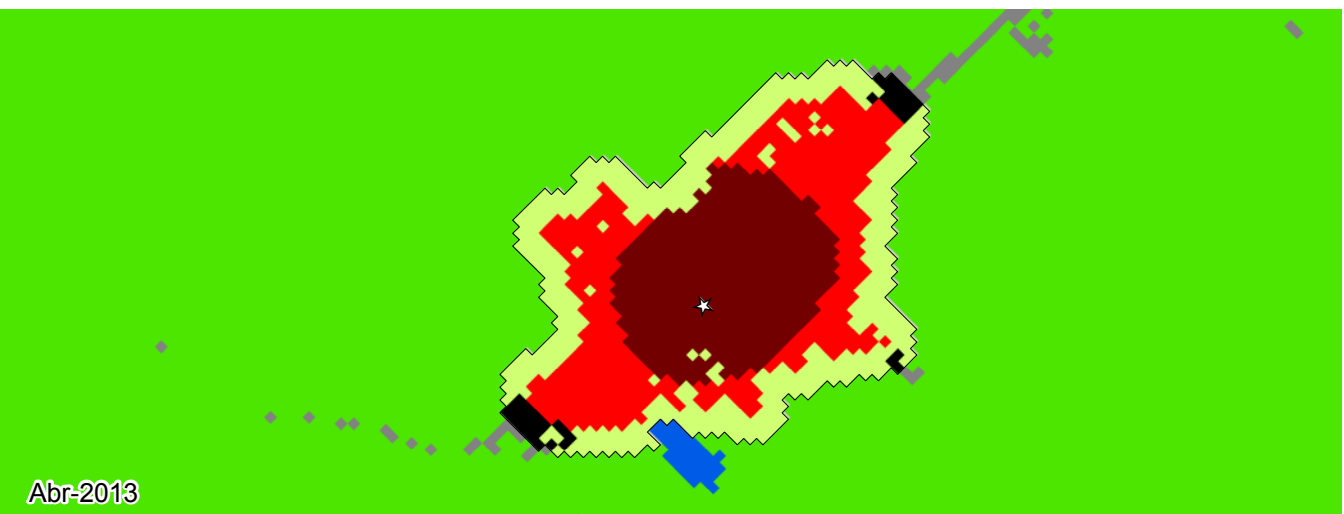
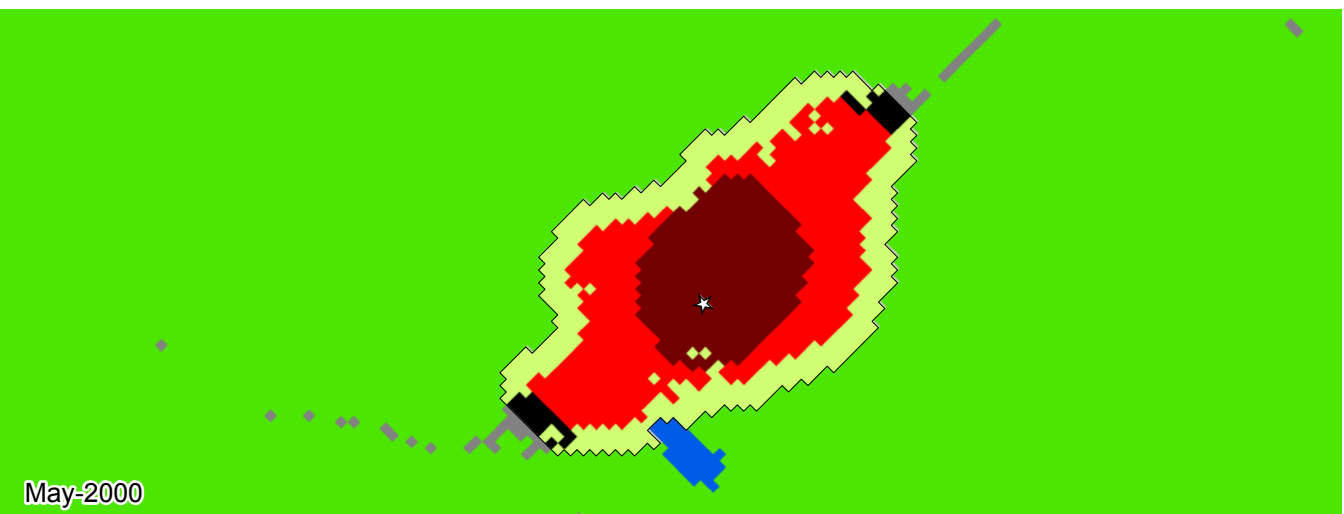
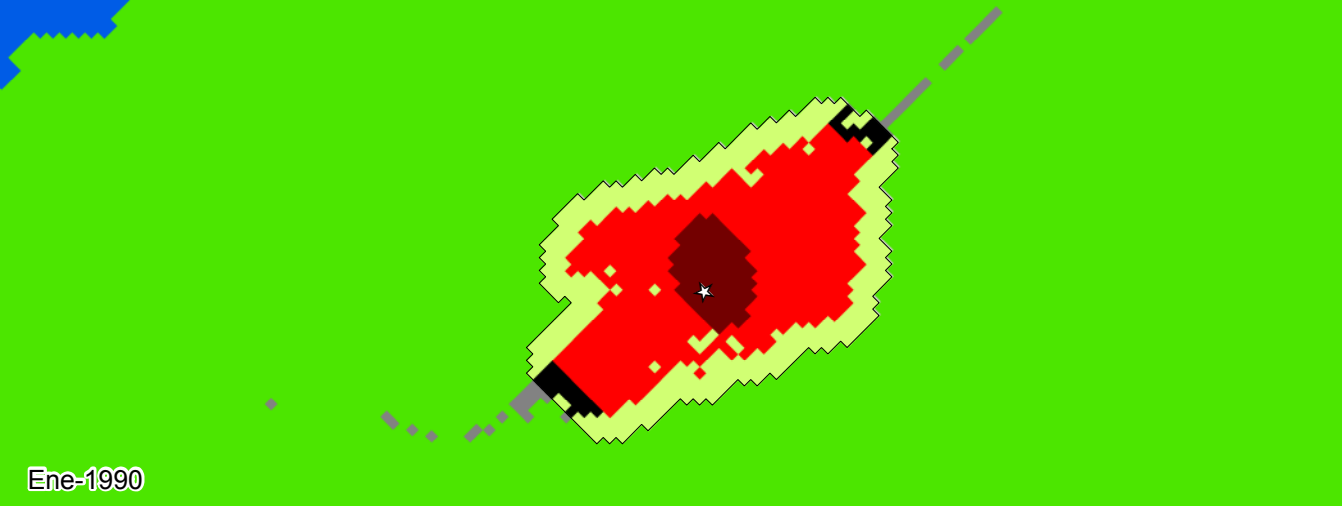
**Legenda**

- Gran Cali |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



| Métrica                             | Jul 1989  | Feb 2003  | Dic 2015  | Cambio Anual % ('03-'15) |
|-------------------------------------|-----------|-----------|-----------|--------------------------|
| Población                           | 1,430,560 | 1,733,057 | 2,068,137 | 1.4                      |
| Área Edificada (Hectáreas)          |           |           |           |                          |
| Total                               | 6,802.6   | 9,504.0   | 13,048.6  | 2.5                      |
| Urbana                              | 5,803.5   | 8,368.5   | 11,558.3  | 2.5                      |
| Suburbana                           | 925.0     | 1,047.7   | 1,371.9   | 2.1                      |
| Rural                               | 74.2      | 87.8      | 118.4     | 2.3                      |
| Espacio Abierto (Hectáreas)         |           |           |           |                          |
| Espacio Abierto Urbanizado          | 2,975     | 3,132     | 3,853     | 1.6                      |
| Huella Urbana                       | 9,778     | 12,636    | 16,902    | 2.3                      |
| Densidad (Personas / Hectáreas)     |           |           |           |                          |
| Densidad del Área Edificada         | 210.3     | 182.4     | 158.5     | -1.1                     |
| Densidad de la Huella Urbana        | 146.3     | 137.1     | 122.4     | -0.9                     |
| Fragmentación                       |           |           |           |                          |
| Saturación (Área Edif./Huella Urb.) | 0.70      | 0.75      | 0.77      | 0.2                      |
| Índice de Apertura                  | 0.25      | 0.19      | 0.19      | -0.2                     |
| Compacidad (Redondez)               |           |           |           |                          |
| Proximidad                          | 0.91      | 0.90      | 0.79      | -1.0                     |
| Cohesión                            | 0.91      | 0.89      | 0.77      | -1.1                     |
| Área Agregada (Hectáreas)           | '89-'03   | Porción   | '03-'15   | Porción                  |
| Relleno                             | 1,261.17  | 46.69%    | 1,224.9   | 34.56%                   |
| Extensión                           | 828.81    | 30.68%    | 857.43    | 24.19%                   |
| Crecimiento Discontinuo             | 304.29    | 11.26%    | 331.56    | 9.36%                    |
| Inclusión                           | 307.0     | 11.37%    | 1,130.0   | 31.89%                   |















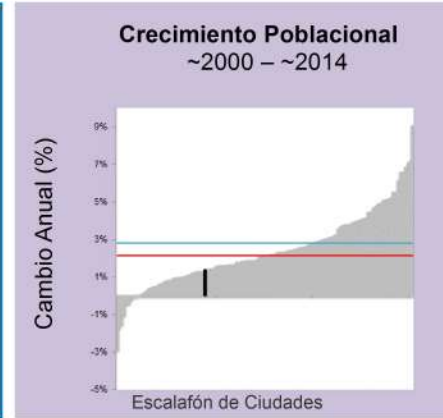
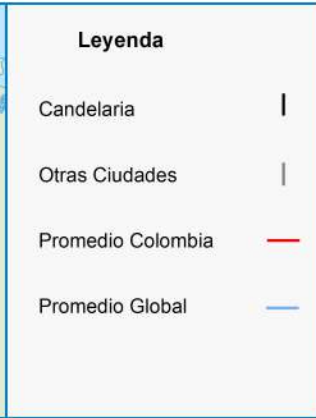


Candelaria, Atlántico  
1990-2013

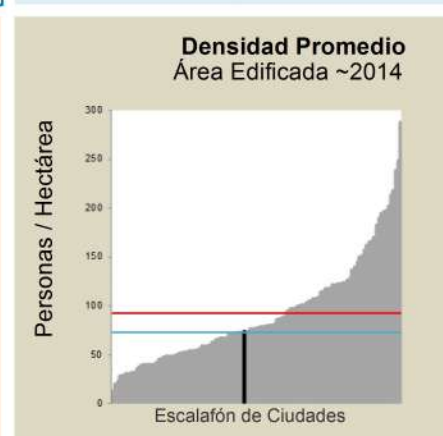
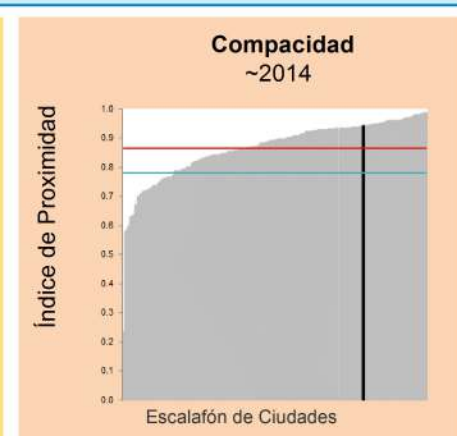
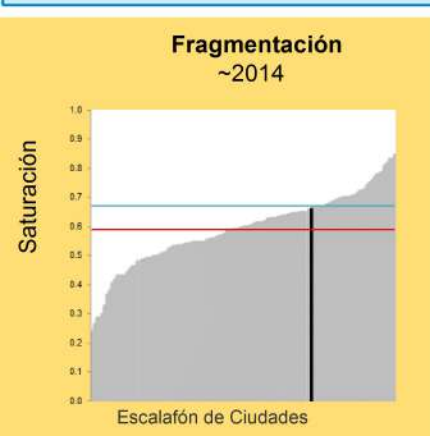
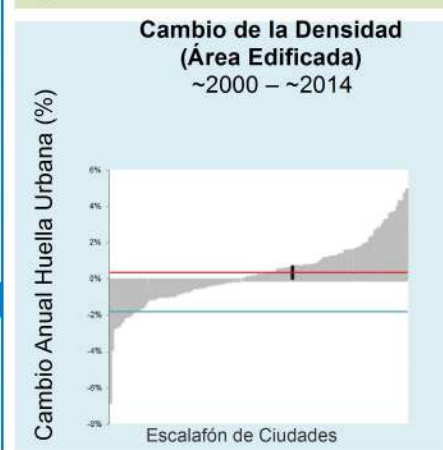
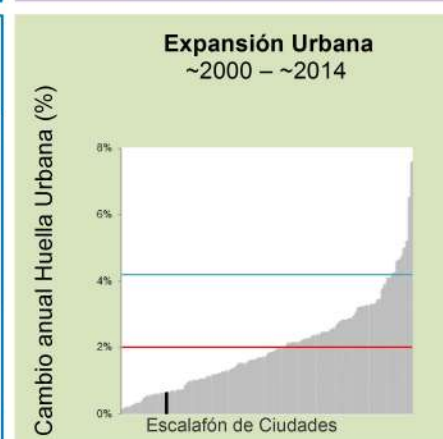
0 0.25 0.5 0.75 km



- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |  | Centro urbano            |

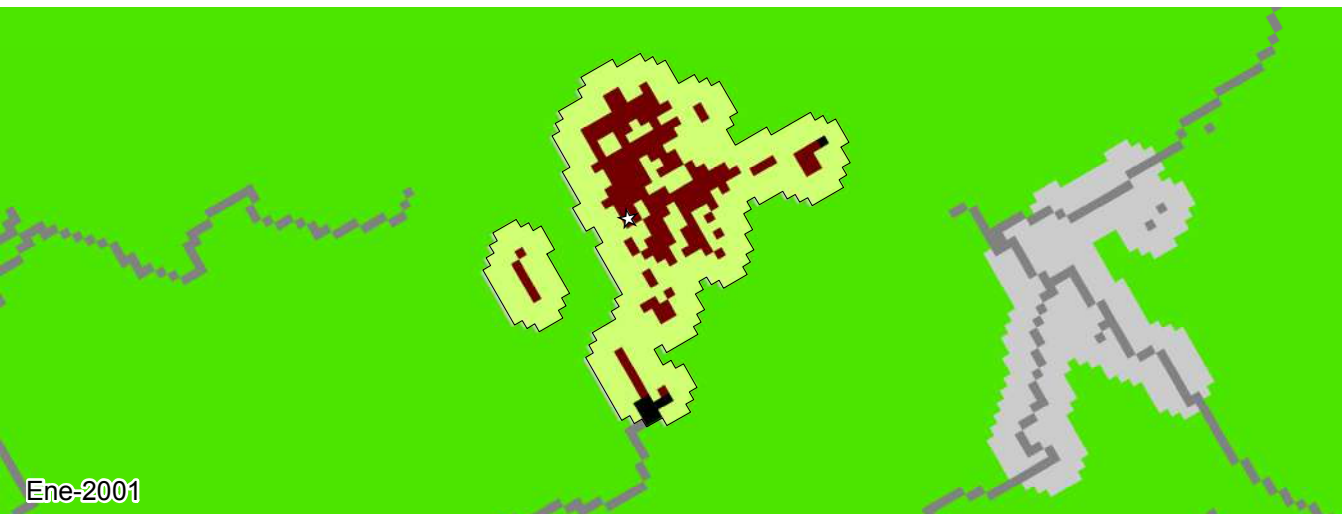


| Métrica                             | Ene 1990 | May 2000 | Abr 2013 | Cambio Anual % ('00-'13) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 7,049    | 7,848    | 9,332    | 1.3                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 57.6     | 77.2     | 83.3     | 0.6                      |
| Urbana                              | 7.7      | 34.1     | 41.0     | 1.4                      |
| Suburbana                           | 47.0     | 39.8     | 38.9     | -0.2                     |
| Rural                               | 3.0      | 3.3      | 3.4      | 0.2                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 32       | 38       | 42       | 0.7                      |
| Huella Urbana                       | 90       | 116      | 126      | 0.6                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 122.4    | 101.6    | 112.0    | 0.8                      |
| Densidad de la Huella Urbana        | 78.2     | 67.7     | 74.1     | 0.7                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.64     | 0.67     | 0.66     | -0.0                     |
| Índice de Apertura                  | 0.59     | 0.52     | 0.51     | -0.2                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.94     | 0.94     | 0.94     | 0.0                      |
| Cohesión                            | 0.93     | 0.93     | 0.93     | 0.0                      |
| Área Agregada (Hectáreas)           | '90-'00  | Porción  | '00-'13  | Porción                  |
| Relleno                             | 2.88     | 14.95%   | 0.99     | 18.03%                   |
| Extensión                           | 15.39    | 79.87%   | 4.41     | 80.33%                   |
| Crecimiento Discontinuo             | 0.0      | 0.0%     | 0.09     | 1.64%                    |
| Inclusión                           | 1.0      | 5.19%    | 0.0      | 0.0%                     |

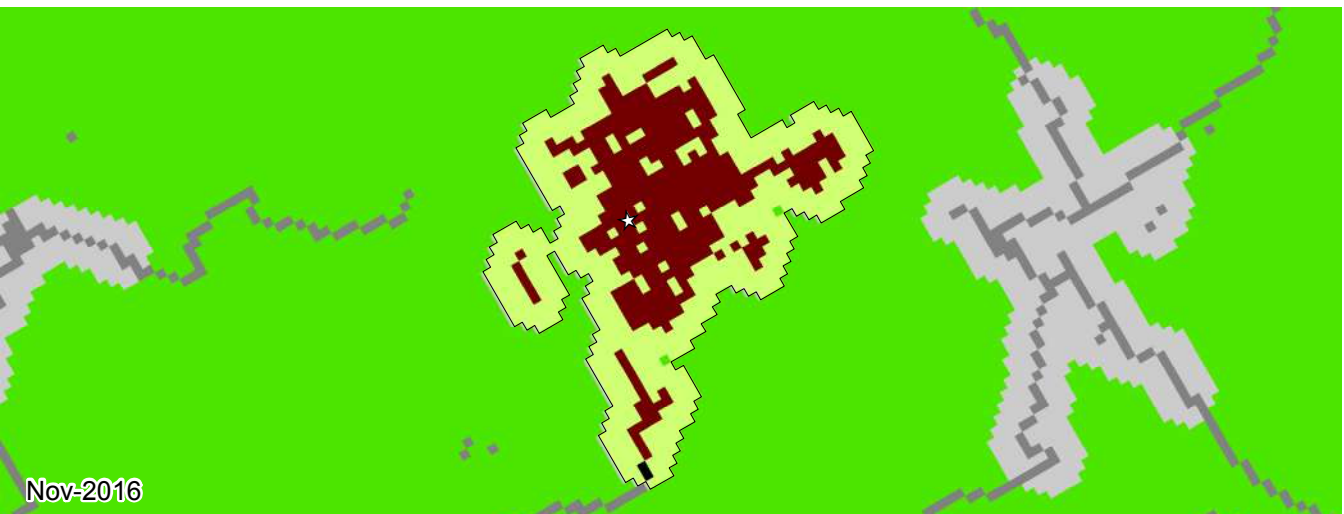




Mar-1991



Ene-2001















Nov-2016



### Carmen de Carupa, Cundinamarca 1991-2016

0 0.25 0.5 0.75 km



- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |  | Centro urbano            |

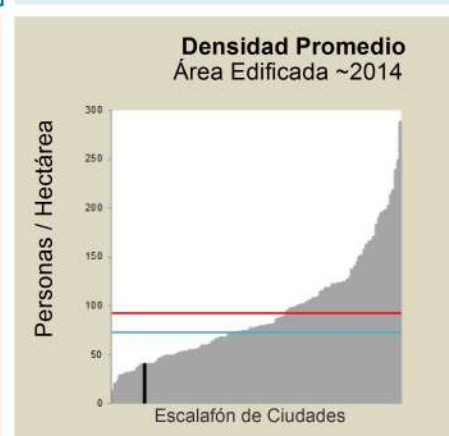
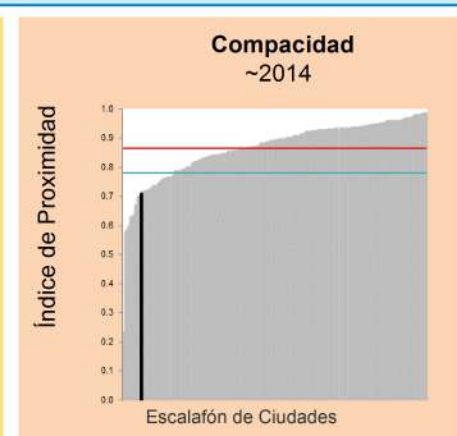
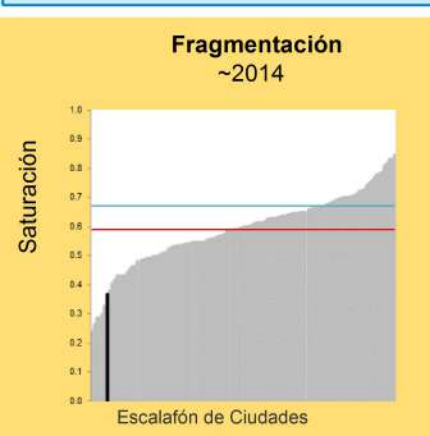
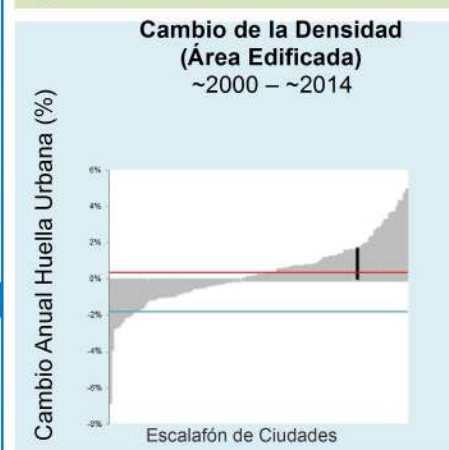
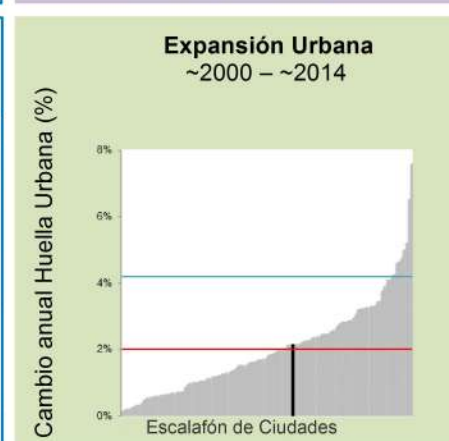


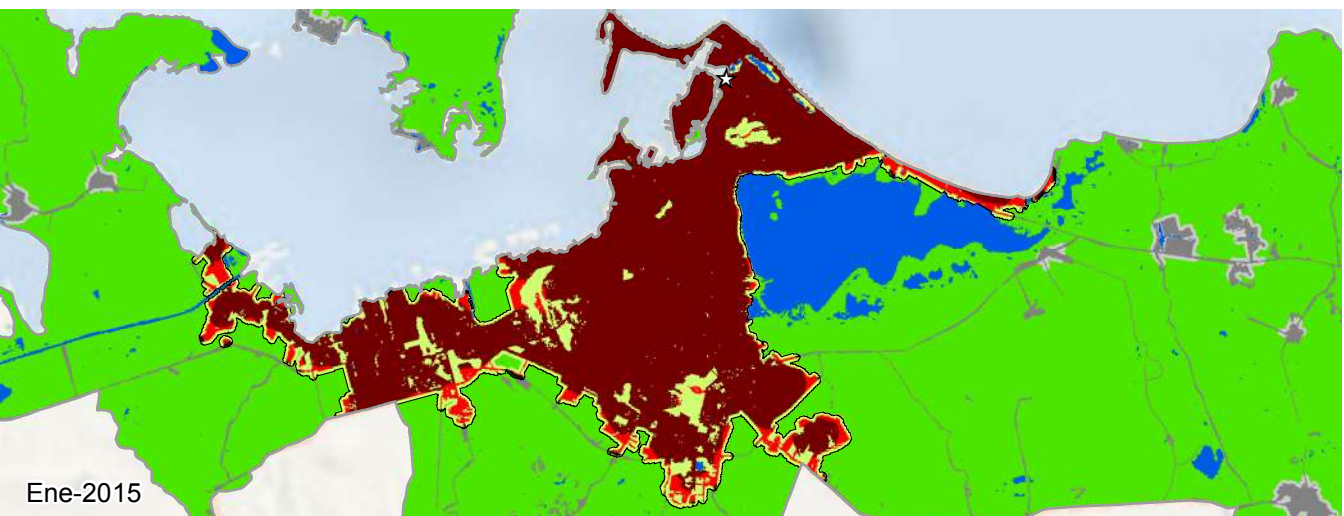
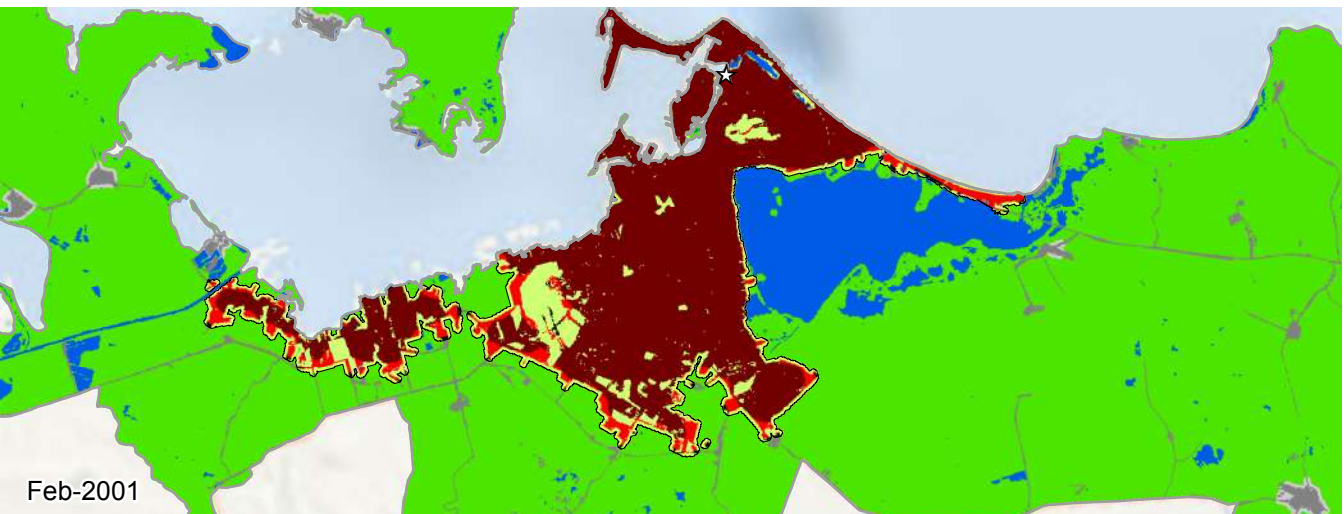
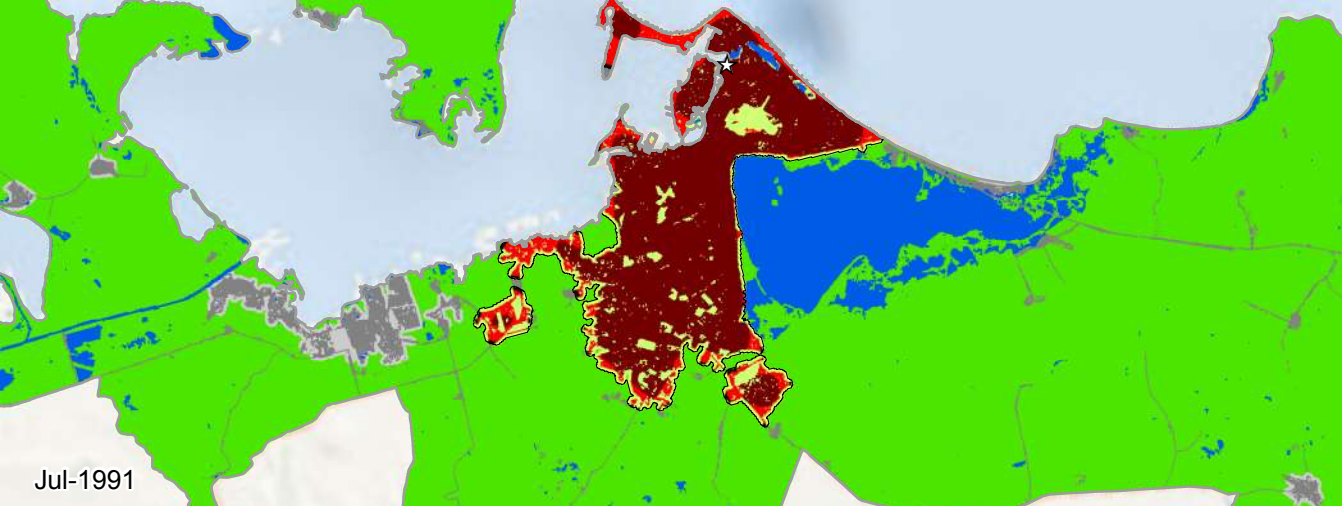
**Legenda**

- Carmen de Carupa |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



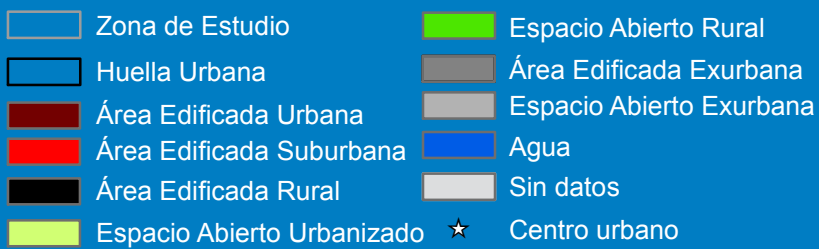
| Métrica                             | Mar 1991 | Ene 2001 | Nov 2016 | Cambio Anual % ('01-'16) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 1,572    | 2,022    | 3,704    | 3.8                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 9.2      | 16.6     | 33.6     | 4.4                      |
| Urbana                              | 11.3     | 34.4     | 54.6     | 2.9                      |
| Suburbana                           | 0.0      | 0.0      | 0.0      | 0.0                      |
| Rural                               | 1.1      | 1.9      | 4.5      | 5.5                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 34       | 134      | 167      | 1.4                      |
| Huella Urbana                       | 33       | 65       | 91       | 2.1                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 171.3    | 121.5    | 110.4    | -0.6                     |
| Densidad de la Huella Urbana        | 47.0     | 31.1     | 40.6     | 1.7                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.27     | 0.26     | 0.37     | 2.3                      |
| Índice de Apertura                  | 0.89     | 0.85     | 0.78     | -0.6                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.87     | 0.66     | 0.71     | 0.5                      |
| Cohesión                            | 0.84     | 0.67     | 0.71     | 0.3                      |
| Área Agregada (Hectáreas)           | '91-'01  | Porción  | '01-'16  | Porción                  |
| Relleno                             | 2.52     | 10.9%    | 10.89    | 49.32%                   |
| Extensión                           | 11.34    | 49.07%   | 6.75     | 30.57%                   |
| Crecimiento Discontinuo             | 2.25     | 9.74%    | 1.44     | 6.52%                    |
| Inclusión                           | 7.0      | 30.29%   | 3.0      | 13.59%                   |





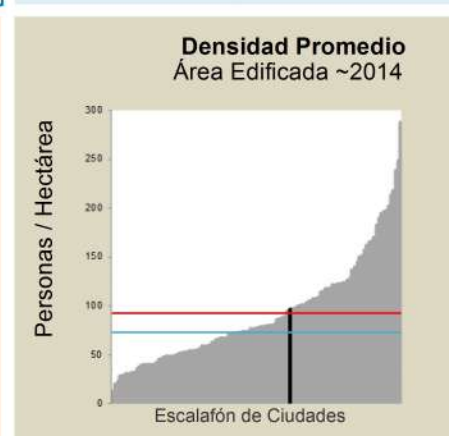
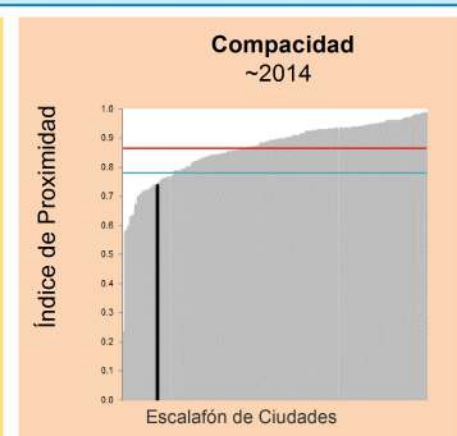
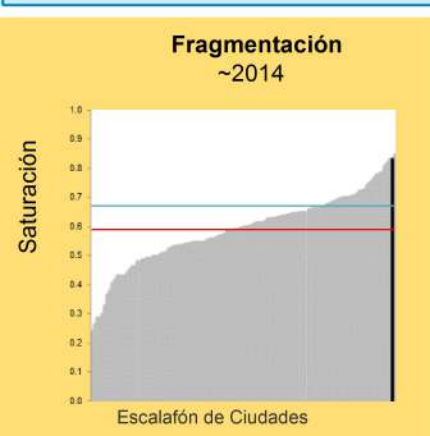
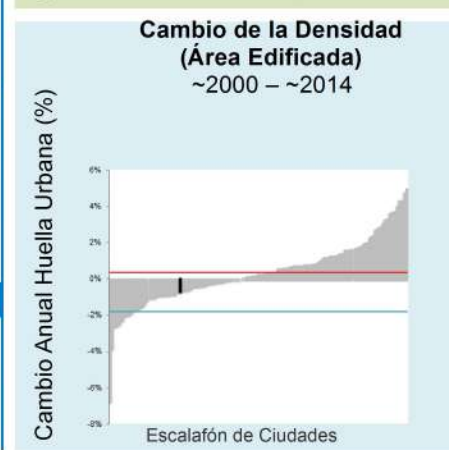
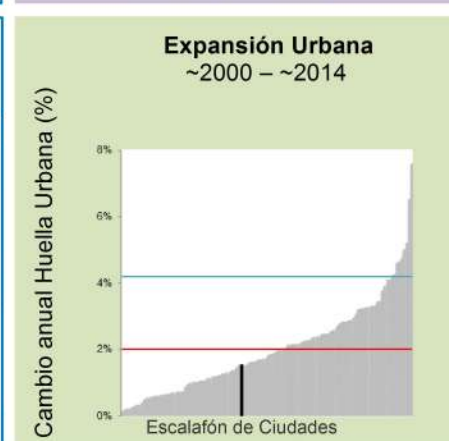
## Gran Cartagena, Bolívar 1991-2015

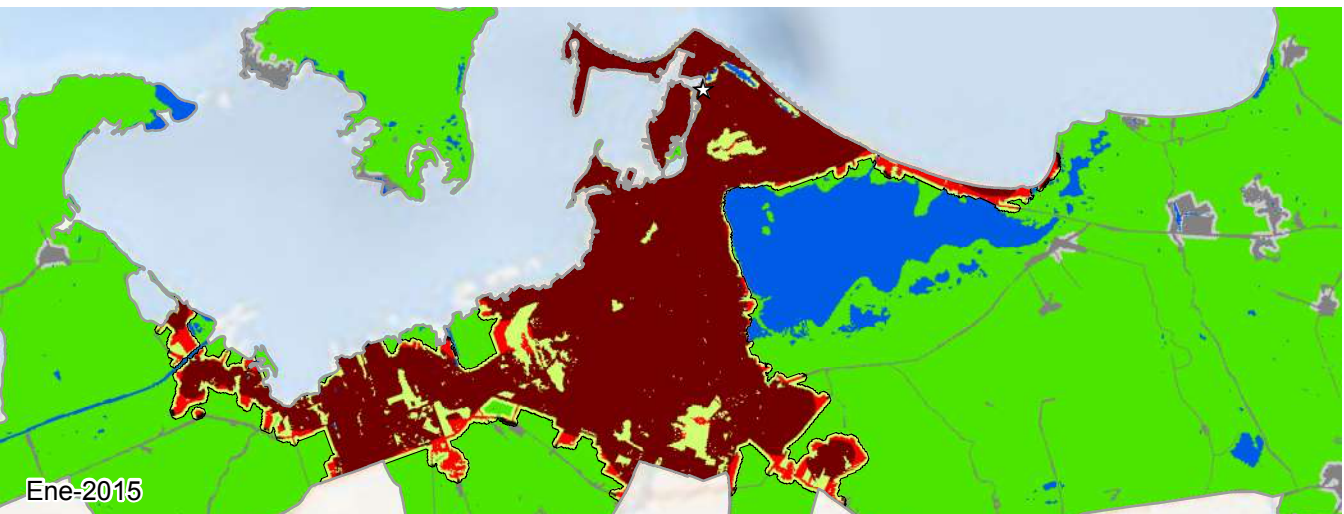
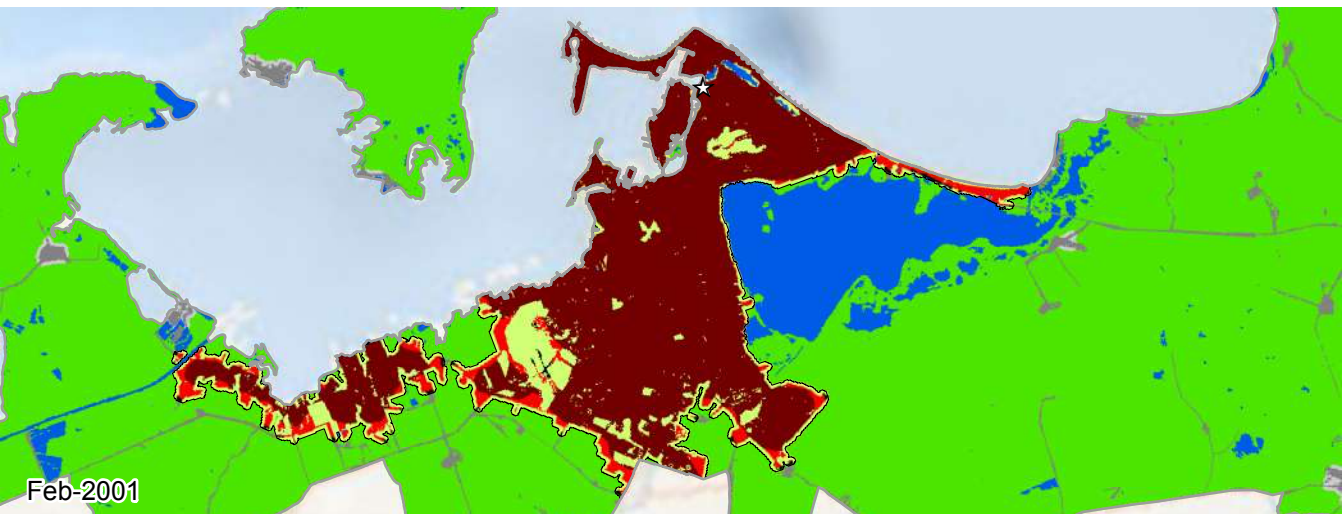
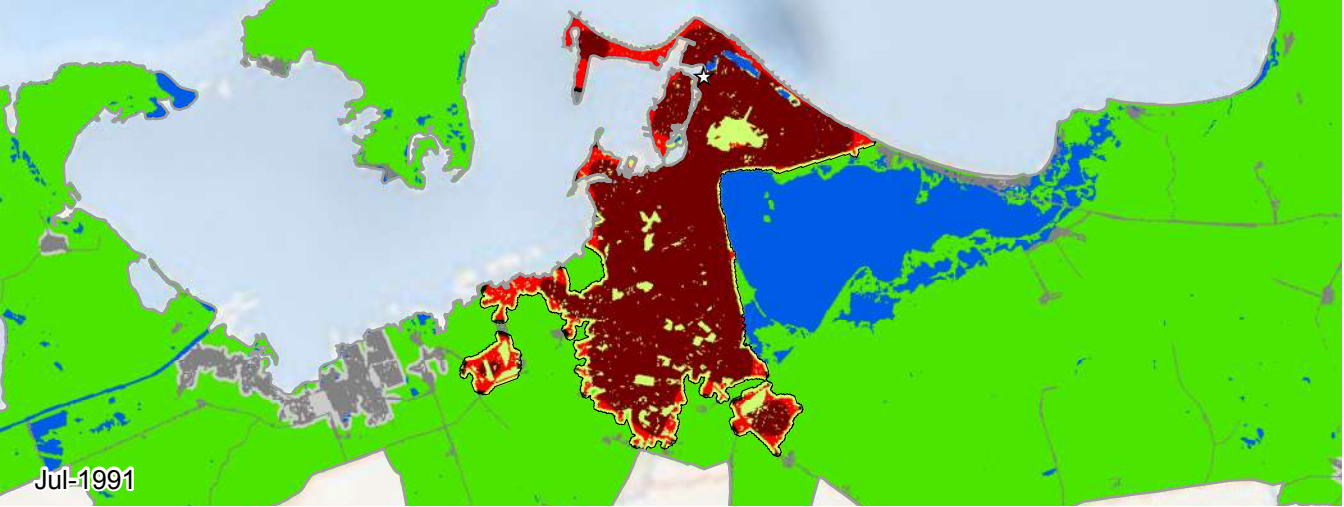
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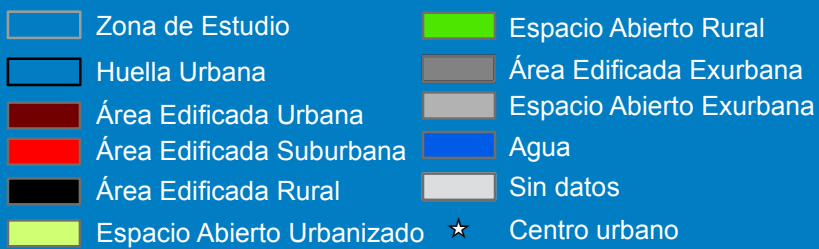
| Métrica                             | Jul 1991 | Feb 2001 | Ene 2015  | Cambio Anual % ('01-'15) |
|-------------------------------------|----------|----------|-----------|--------------------------|
| Población                           | 583,675  | 752,896  | 1,118,374 | 2.8                      |
| Área Edificada (Hectáreas)          |          |          |           |                          |
| Total                               | 3,821.9  | 5,632.3  | 7,188.1   | 1.8                      |
| Urbana                              | 3,246.2  | 5,086.8  | 6,615.3   | 1.9                      |
| Suburbana                           | 536.1    | 501.7    | 539.0     | 0.5                      |
| Rural                               | 39.5     | 43.8     | 33.8      | -1.9                     |
| Espacio Abierto (Hectáreas)         |          |          |           |                          |
| Espacio Abierto Urbanizado          | 855      | 1,365    | 1,451     | 0.4                      |
| Huella Urbana                       | 4,676    | 6,997    | 8,639     | 1.5                      |
| Densidad (Personas / Hectáreas)     |          |          |           |                          |
| Densidad del Área Edificada         | 152.7    | 133.7    | 155.6     | 1.1                      |
| Densidad de la Huella Urbana        | 124.8    | 107.6    | 129.4     | 1.3                      |
| Fragmentación                       |          |          |           |                          |
| Saturación (Área Edif./Huella Urb.) | 0.82     | 0.80     | 0.83      | 0.2                      |
| Índice de Apertura                  | 0.25     | 0.19     | 0.17      | -0.7                     |
| Compacidad (Redondez)               |          |          |           |                          |
| Proximidad                          | 0.78     | 0.72     | 0.74      | 0.2                      |
| Cohesión                            | 0.78     | 0.69     | 0.72      | 0.2                      |
| Área Agregada (Hectáreas)           | '91-'01  | Porción  | '01-'15   | Porción                  |
| Relleno                             | 325.89   | 18.0%    | 384.48    | 24.72%                   |
| Extensión                           | 805.77   | 44.52%   | 792.0     | 50.93%                   |
| Crecimiento Discontinuo             | 31.41    | 1.74%    | 205.74    | 13.23%                   |
| Inclusión                           | 647.0    | 35.74%   | 173.0     | 11.12%                   |





## Cartagena, Colombia 1991-2015

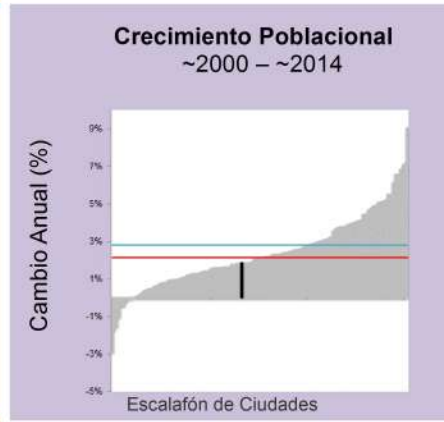
0 2 4 6 km



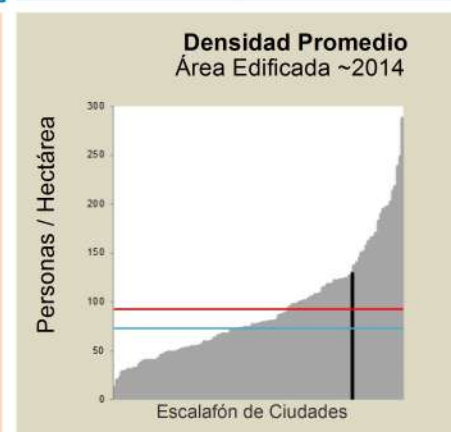
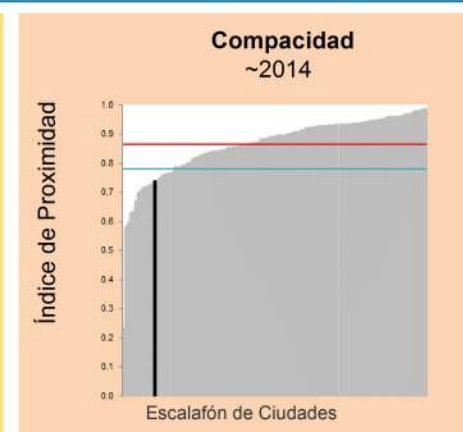
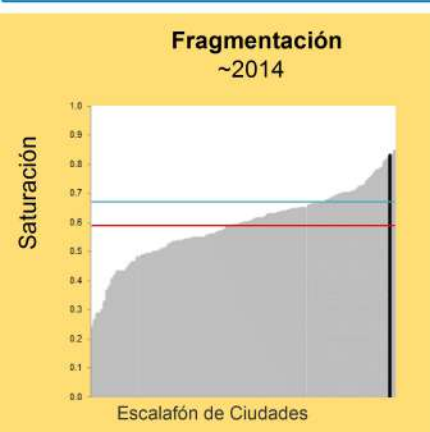
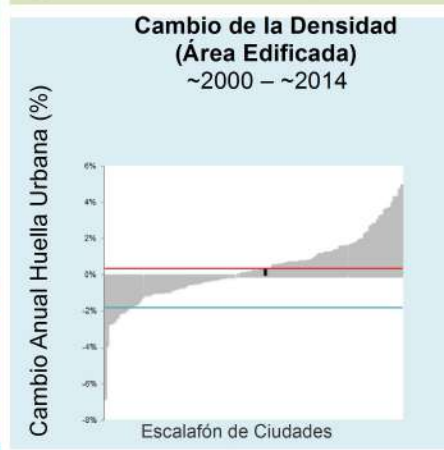
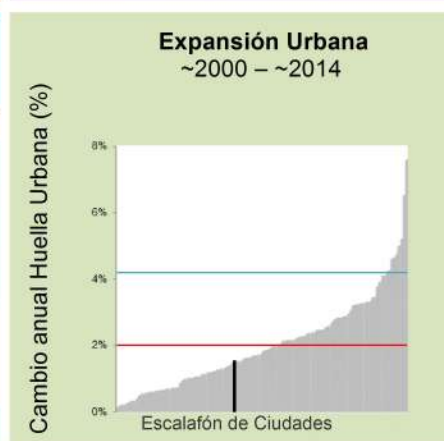


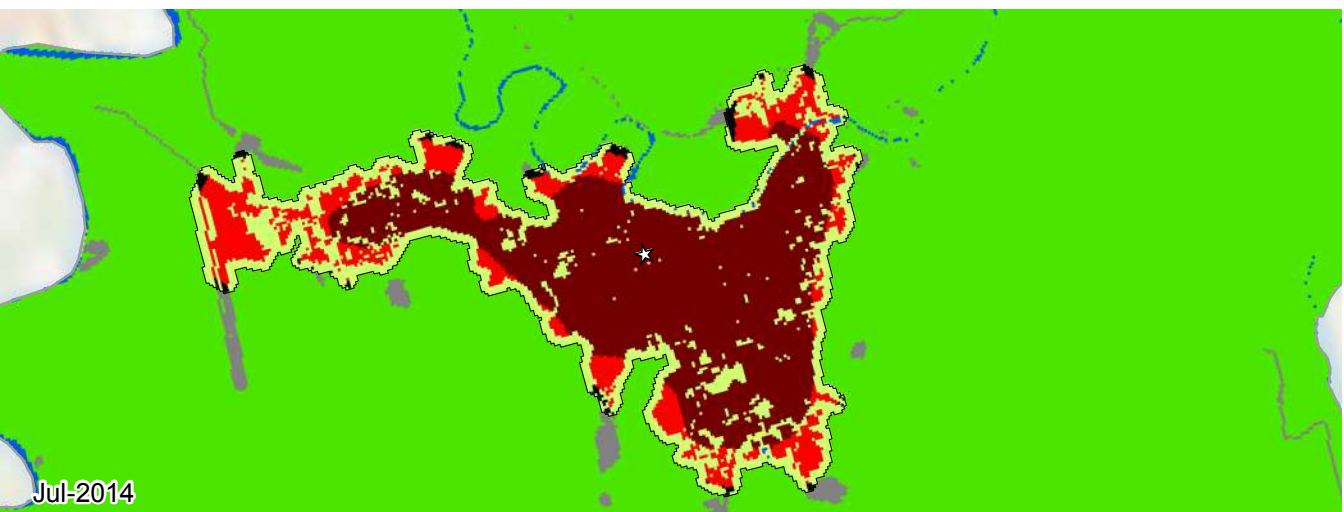
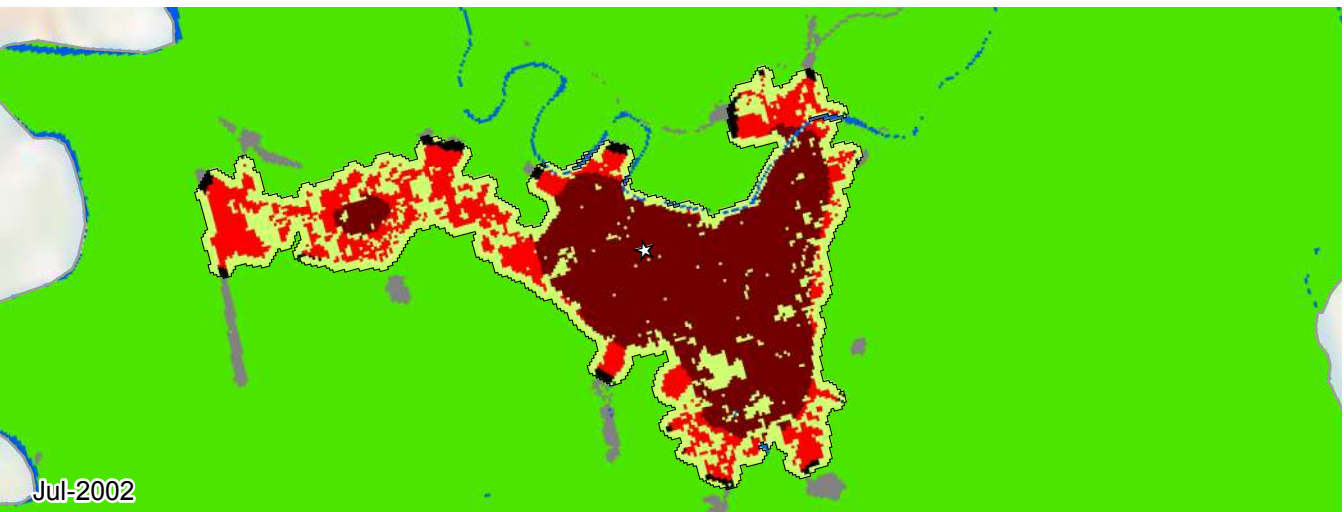
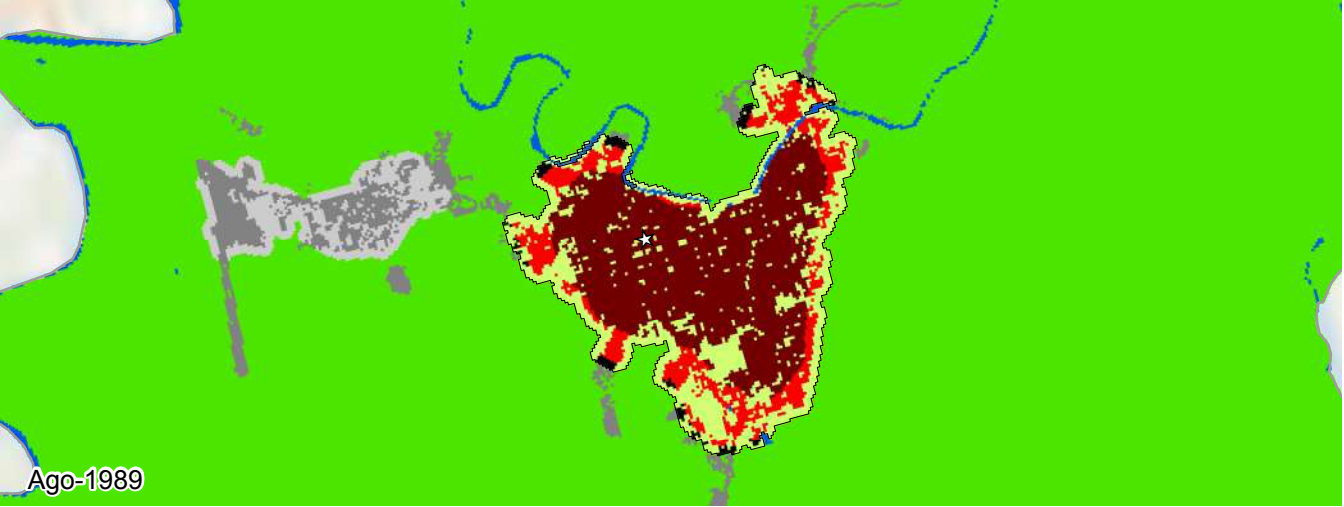
**Leyenda**

- Cartagena |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —















| Métrica                             | Jul 1991 | Feb 2001 | Ene 2015  | Cambio Anual % ('01-'15) |
|-------------------------------------|----------|----------|-----------|--------------------------|
| Población                           | 583,675  | 747,479  | 1,090,758 | 1.8                      |
| Área Edificada (Hectáreas)          |          |          |           |                          |
| Total                               | 3,821.9  | 5,632.3  | 7,188.1   | 1.8                      |
| Urbana                              | 3,246.2  | 5,086.8  | 6,615.3   | 1.9                      |
| Suburbana                           | 536.1    | 501.7    | 539.0     | 0.5                      |
| Rural                               | 39.5     | 43.8     | 33.8      | -1.9                     |
| Espacio Abierto (Hectáreas)         |          |          |           |                          |
| Espacio Abierto Urbanizado          | 855      | 1,365    | 1,451     | 0.4                      |
| Huella Urbana                       | 4,676    | 6,997    | 8,639     | 1.5                      |
| Densidad (Personas / Hectáreas)     |          |          |           |                          |
| Densidad del Área Edificada         | 152.7    | 132.7    | 151.7     | 0.1                      |
| Densidad de la Huella Urbana        | 124.8    | 106.8    | 126.2     | 0.3                      |
| Fragmentación                       |          |          |           |                          |
| Saturación (Área Edif./Huella Urb.) | 0.82     | 0.80     | 0.83      | 0.2                      |
| Índice de Apertura                  | 0.25     | 0.19     | 0.17      | -0.7                     |
| Compacidad (Redondez)               |          |          |           |                          |
| Proximidad                          | 0.78     | 0.72     | 0.74      | 0.2                      |
| Cohesión                            | 0.77     | 0.69     | 0.72      | 0.3                      |
| Área Agregada (Hectáreas)           | '91-'01  | Porción  | '01-'15   | Porción                  |
| Relleno                             | 325.89   | 18.0%    | 384.48    | 24.72%                   |
| Extensión                           | 805.77   | 44.52%   | 792.0     | 50.93%                   |
| Crecimiento Discontinuo             | 31.41    | 1.74%    | 205.74    | 13.23%                   |
| Inclusión                           | 647.0    | 35.74%   | 173.0     | 11.12%                   |

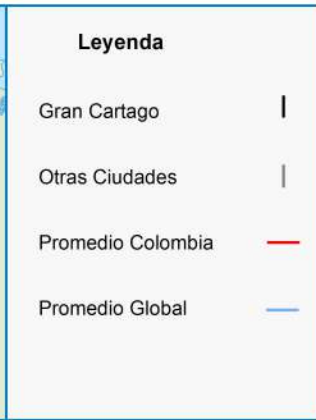




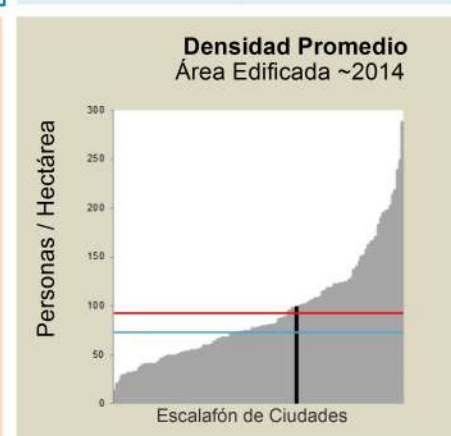
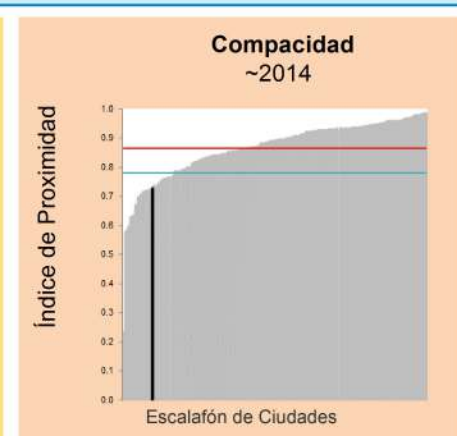
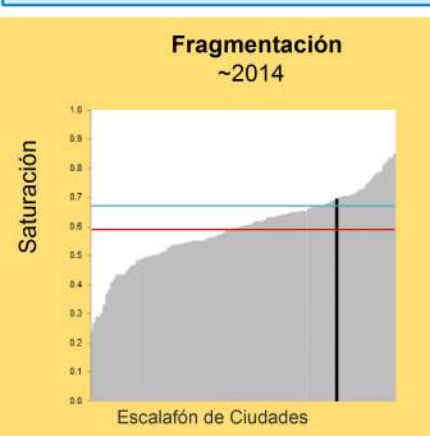
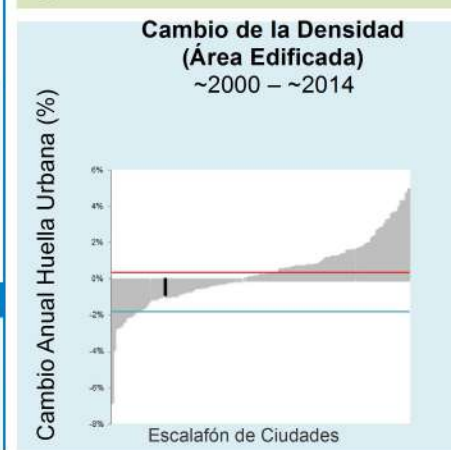
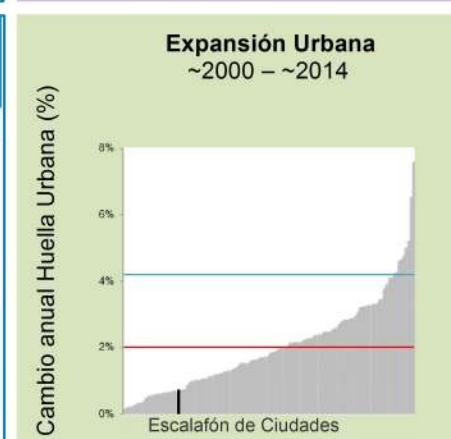
Gran Cartago, Valle del Cauca  
1989-2014



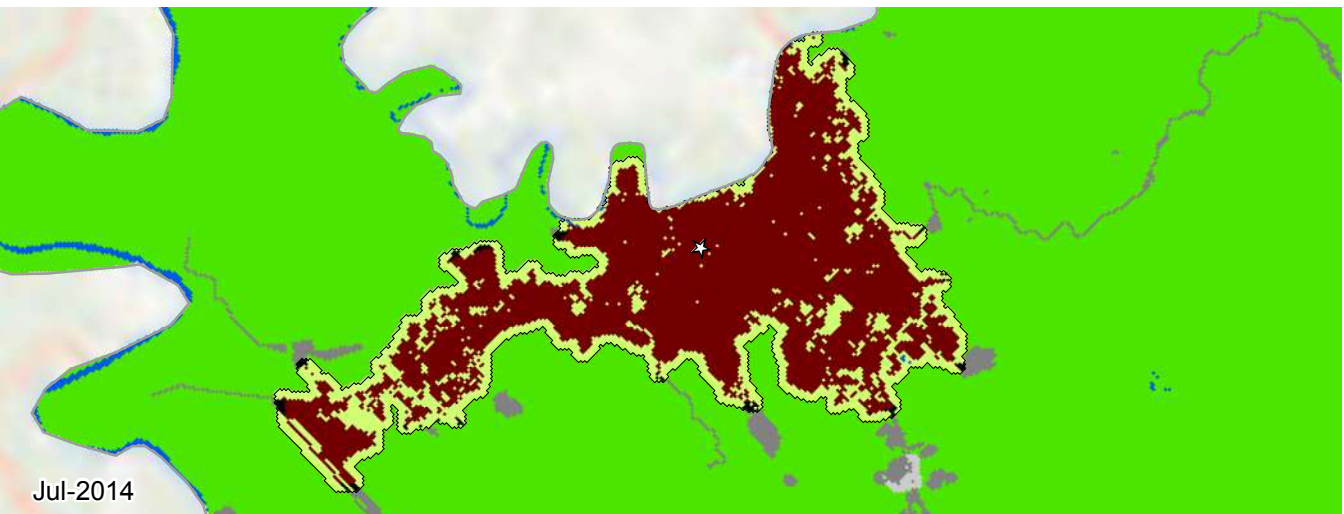
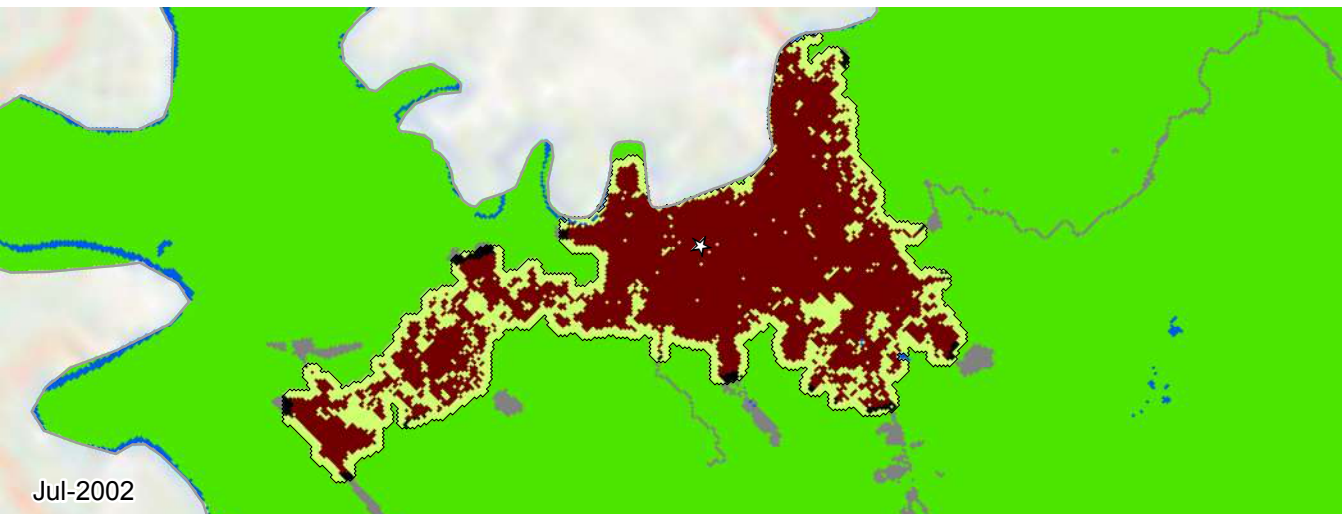
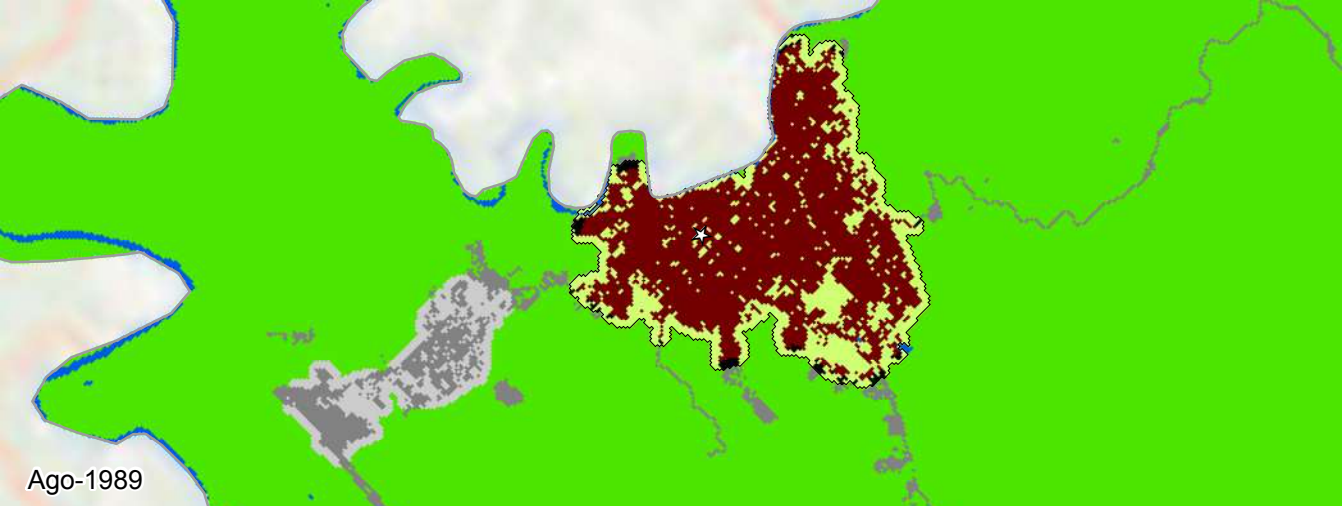
- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |   | Centro urbano            |



| Métrica                             | Ago 1989 | Jul 2002 | Jul 2014 | Cambio Anual % ('02-'14) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 76,651   | 110,995  | 123,479  | 0.9                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 541.9    | 801.8    | 912.8    | 1.1                      |
| Urbana                              | 409.5    | 534.1    | 683.5    | 2.1                      |
| Suburbana                           | 117.0    | 246.6    | 211.9    | -1.3                     |
| Rural                               | 15.4     | 21.1     | 17.3     | -1.7                     |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 259      | 407      | 403      | -0.1                     |
| Huella Urbana                       | 801      | 1,209    | 1,316    | 0.7                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 141.5    | 138.4    | 135.3    | -0.2                     |
| Densidad de la Huella Urbana        | 95.7     | 91.8     | 93.8     | 0.2                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.68     | 0.66     | 0.69     | 0.4                      |
| Índice de Apertura                  | 0.35     | 0.37     | 0.34     | -0.7                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.90     | 0.71     | 0.73     | 0.2                      |
| Cohesión                            | 0.89     | 0.70     | 0.72     | 0.2                      |
| Área Agregada (Hectáreas)           | '89-'02  | Porción  | '02-'14  | Porción                  |
| Relleno                             | 70.65    | 27.24%   | 45.09    | 40.86%                   |
| Extensión                           | 42.93    | 16.55%   | 55.08    | 49.92%                   |
| Crecimiento Discontinuo             | 19.8     | 7.63%    | 1.17     | 1.06%                    |
| Inclusión                           | 126.0    | 48.58%   | 9.0      | 8.16%                    |

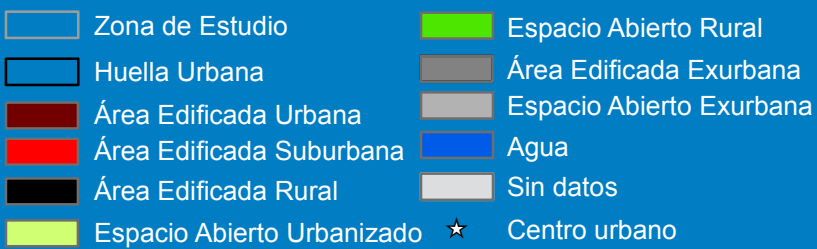






## Cartago, Valle del Cauca 1989-2014

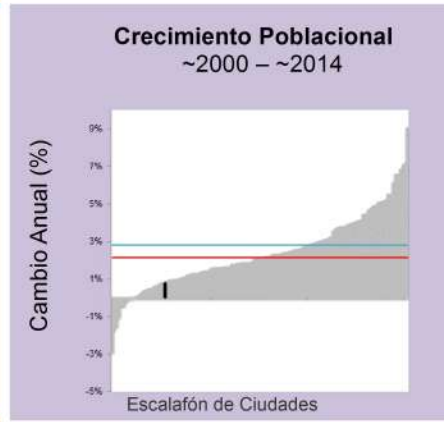
0 1 2 3 km



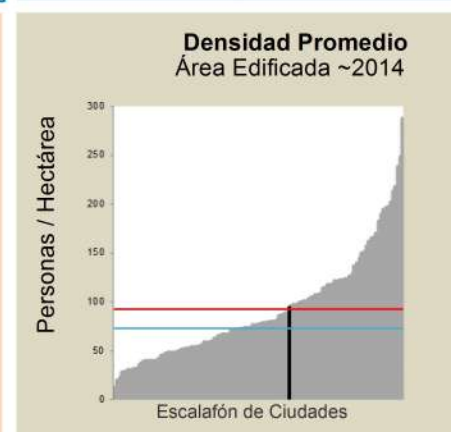
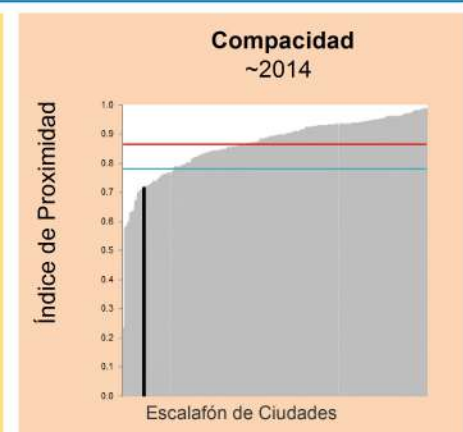
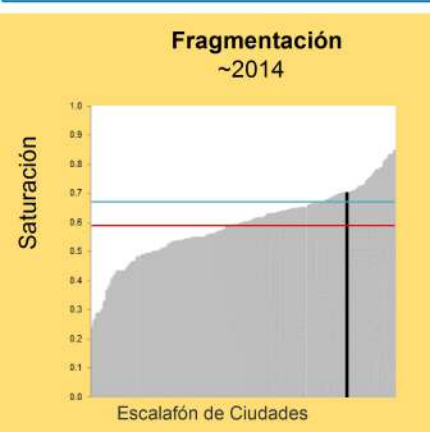
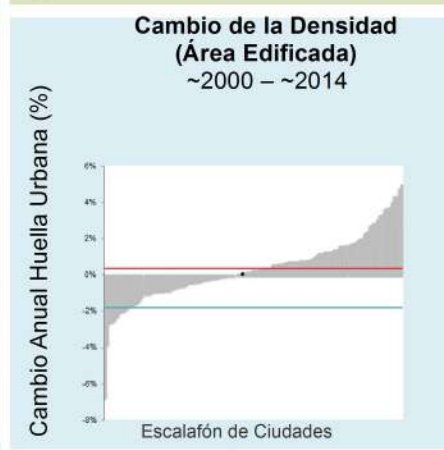
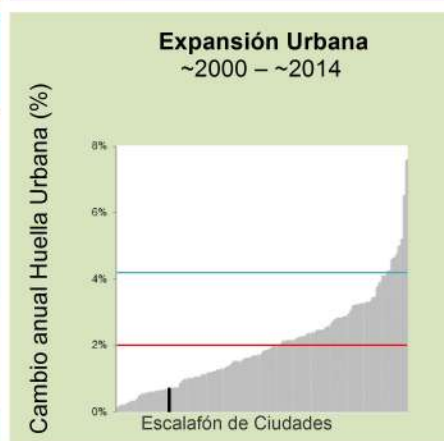


**Legenda**

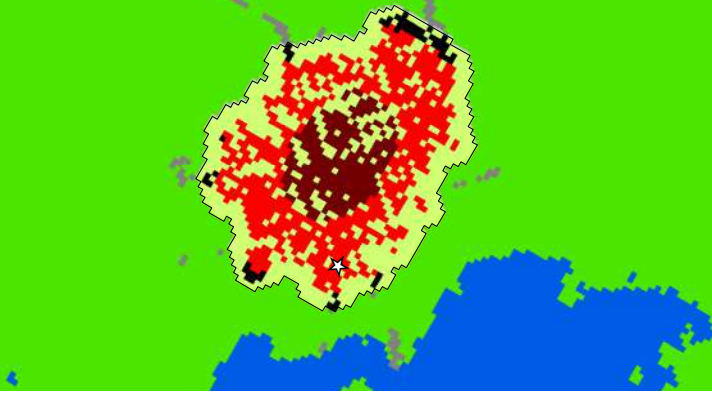
- Cartago |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



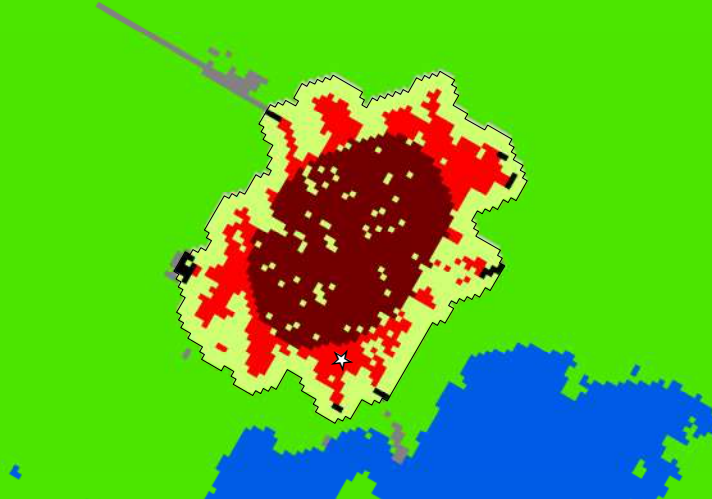
| Métrica                             | Ago 1989 | Jul 2002 | Jul 2014 | Cambio Anual % ('02-'14) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 74,960   | 105,646  | 118,549  | 0.8                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 525.1    | 772.4    | 880.4    | 1.1                      |
| Urbana                              | 512.1    | 757.3    | 869.2    | 1.1                      |
| Suburbana                           | 0.0      | 0.0      | 0.0      | 0.0                      |
| Rural                               | 13.0     | 15.1     | 11.2     | -2.5                     |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 231      | 379      | 373      | -0.1                     |
| Huella Urbana                       | 756      | 1,152    | 1,253    | 0.7                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 142.8    | 136.8    | 134.7    | -0.3                     |
| Densidad de la Huella Urbana        | 99.1     | 91.7     | 94.6     | 0.1                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.69     | 0.67     | 0.70     | 0.4                      |
| Índice de Apertura                  | 0.34     | 0.33     | 0.30     | -0.7                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.91     | 0.69     | 0.72     | 0.3                      |
| Cohesión                            | 0.90     | 0.69     | 0.71     | 0.2                      |
| Área Agregada (Hectáreas)           | '89-'02  | Porción  | '02-'14  | Porción                  |
| Relleno                             | 65.97    | 26.7%    | 44.55    | 41.42%                   |
| Extensión                           | 40.86    | 16.54%   | 52.92    | 49.21%                   |
| Crecimiento Discontinuo             | 19.26    | 7.79%    | 1.08     | 1.0%                     |
| Inclusión                           | 121.0    | 48.97%   | 9.0      | 8.37%                    |



Dic-1989



Ago-2000















Jun-2015



### Chimichagua, Cesar 1989-2015

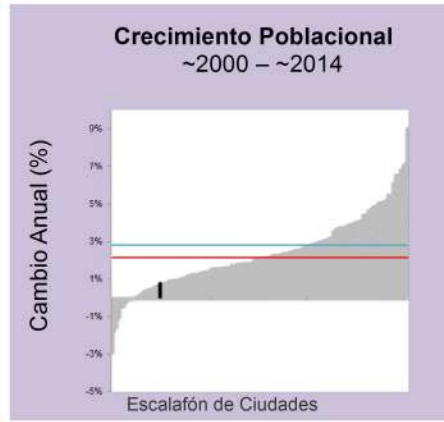


- |  |   |
|--|---|
|  Zona de Estudio            |  Espacio Abierto Rural    |
|  Huella Urbana              |  Área Edificada Exurbana  |
|  Área Edificada Urbana      |  Espacio Abierto Exurbana |
|  Área Edificada Suburbana   |  Agua                     |
|  Área Edificada Rural       |  Sin datos                |
|  Espacio Abierto Urbanizado |  Centro urbano            |

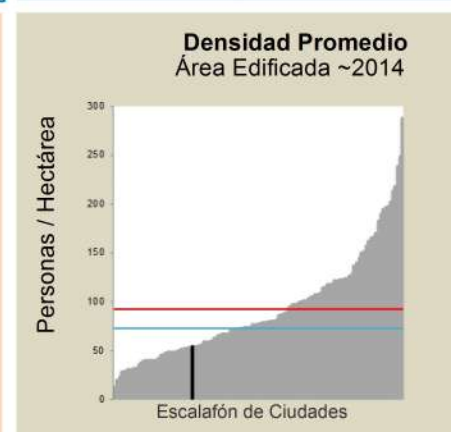
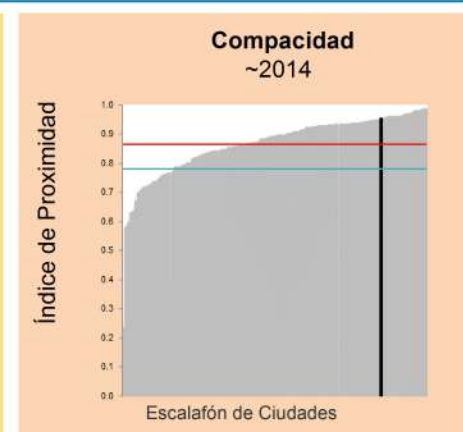
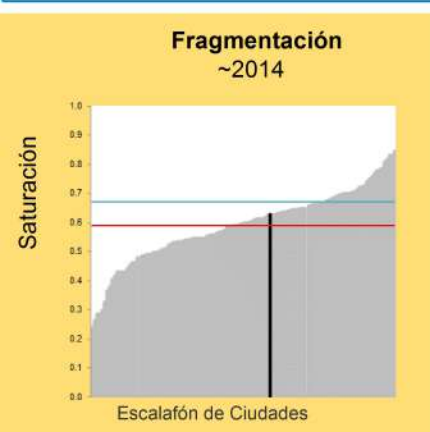
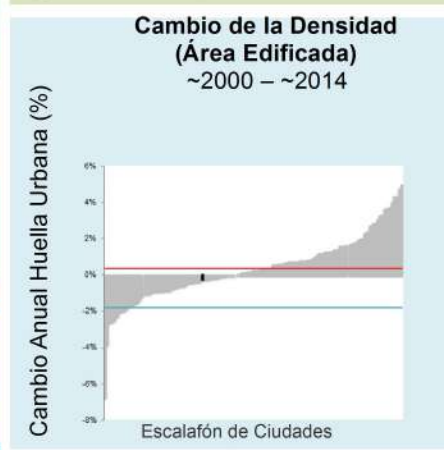
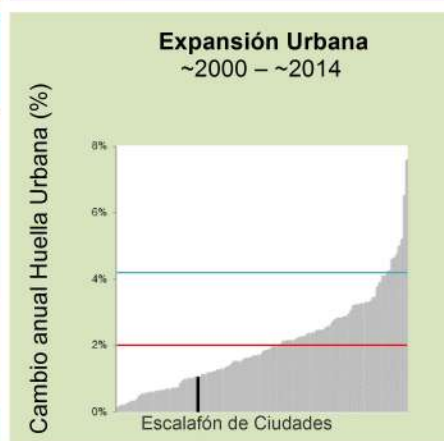


**Legenda**

- Chimichagua |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



| Métrica                             | Dic 1989 | Ago 2000 | Jun 2015 | Cambio Anual % ('00-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 9,935    | 12,200   | 13,656   | 0.8                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 82.8     | 129.2    | 158.0    | 1.4                      |
| Urbana                              | 21.2     | 80.7     | 110.2    | 2.1                      |
| Suburbana                           | 56.7     | 45.7     | 42.7     | -0.5                     |
| Rural                               | 4.9      | 2.7      | 5.2      | 4.4                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 77       | 85       | 92       | 0.5                      |
| Huella Urbana                       | 159      | 214      | 250      | 1.0                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 120.0    | 94.5     | 86.4     | -0.6                     |
| Densidad de la Huella Urbana        | 62.1     | 56.8     | 54.4     | -0.3                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.52     | 0.60     | 0.63     | 0.3                      |
| Índice de Apertura                  | 0.58     | 0.44     | 0.40     | -0.6                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.98     | 0.97     | 0.95     | -0.1                     |
| Cohesión                            | 0.97     | 0.96     | 0.95     | -0.1                     |
| Área Agregada (Hectáreas)           | '89-'00  | Porción  | '00-'15  | Porción                  |
| Relleno                             | 24.75    | 53.99%   | 10.89    | 38.29%                   |
| Extensión                           | 17.37    | 37.89%   | 17.01    | 59.81%                   |
| Crecimiento Discontinuo             | 0.72     | 1.57%    | 0.54     | 1.9%                     |
| Inclusión                           | 3.0      | 6.54%    | 0.0      | 0.0%                     |



May-1991













Ene-2001

Ene-2015

Chinácota, Norte de Santander  
1991-2015

0 0.25 0.5 0.75 km

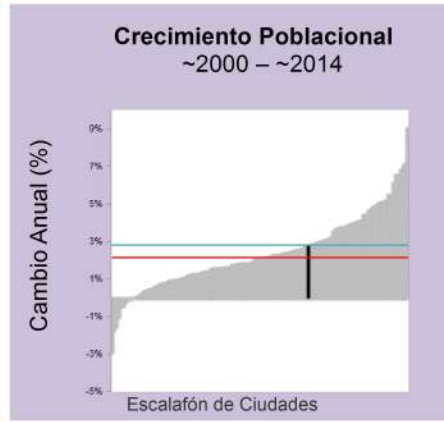


- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |  | Centro urbano            |

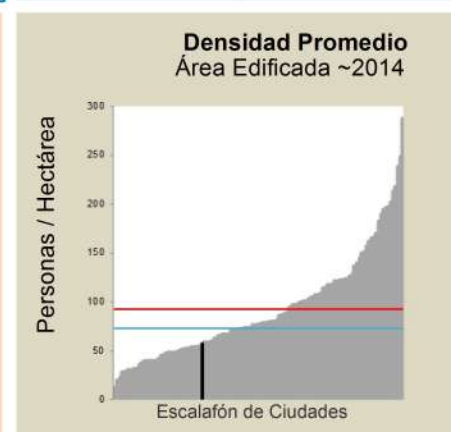
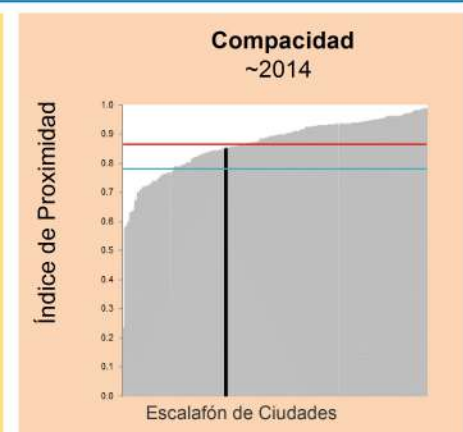
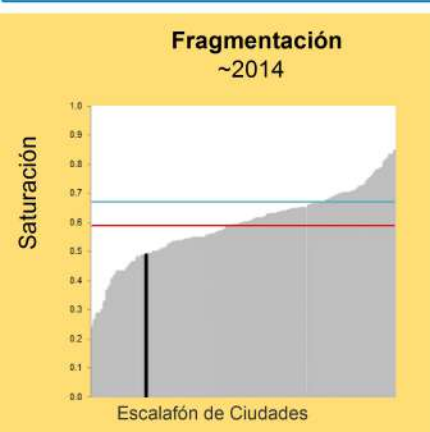
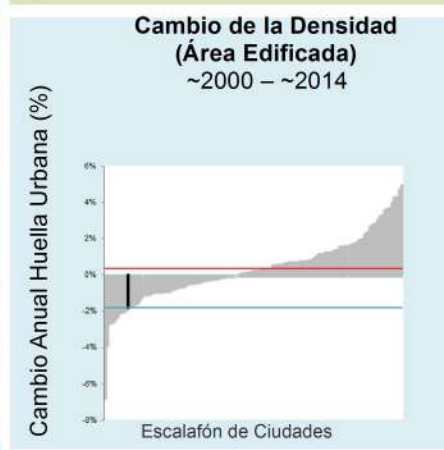
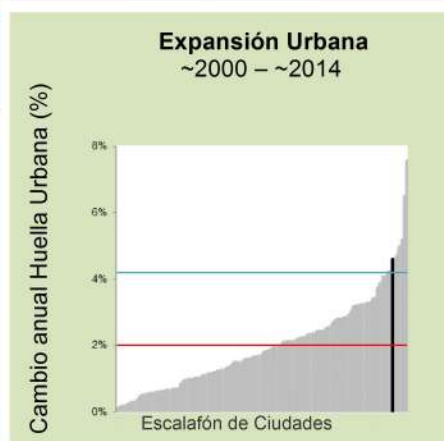


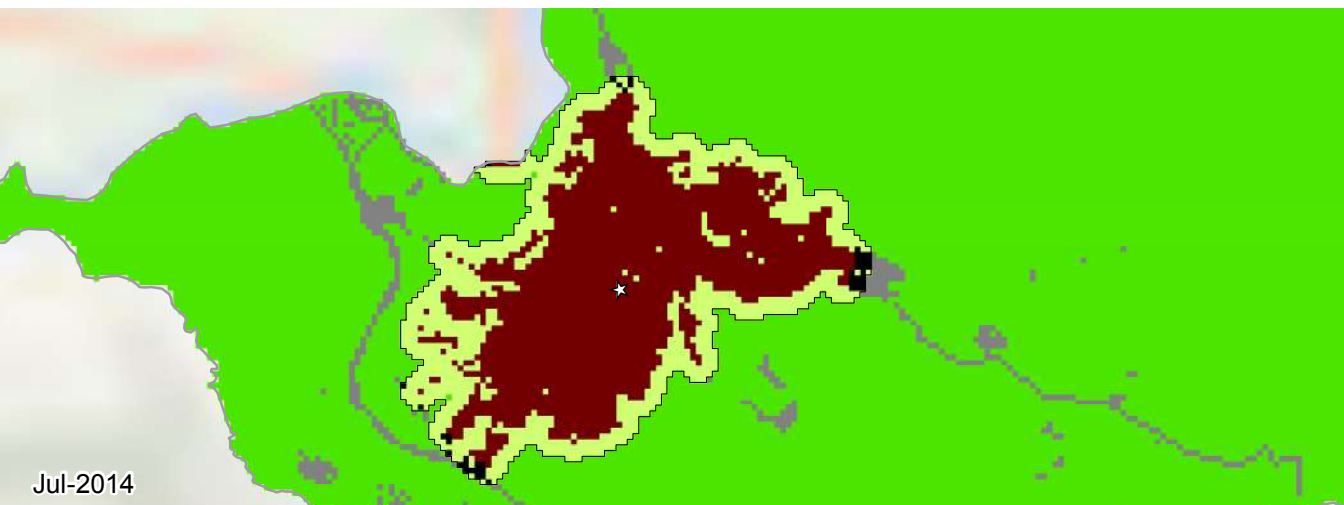
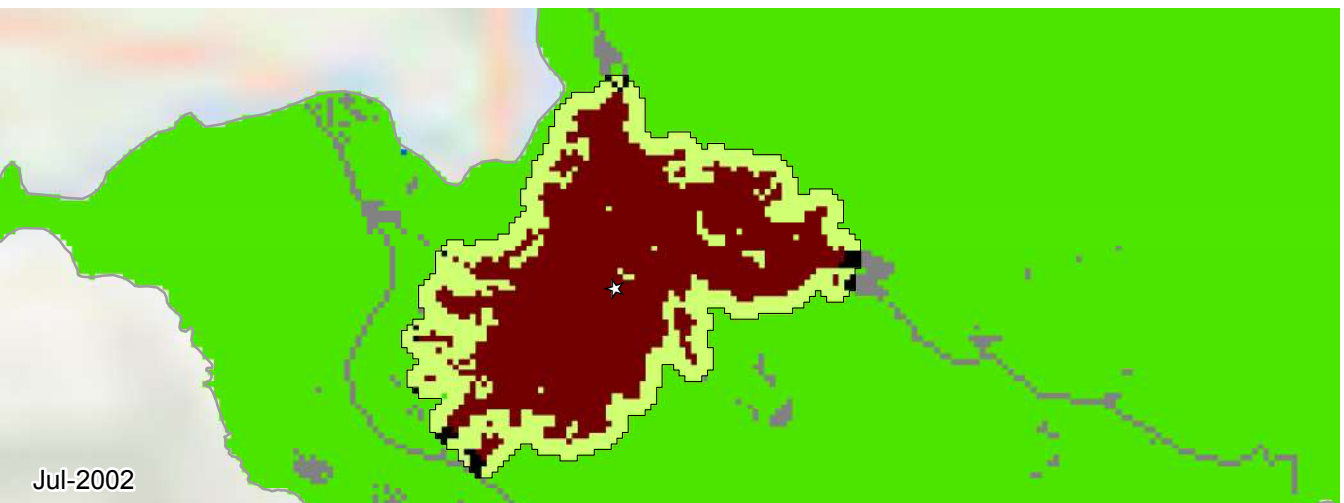
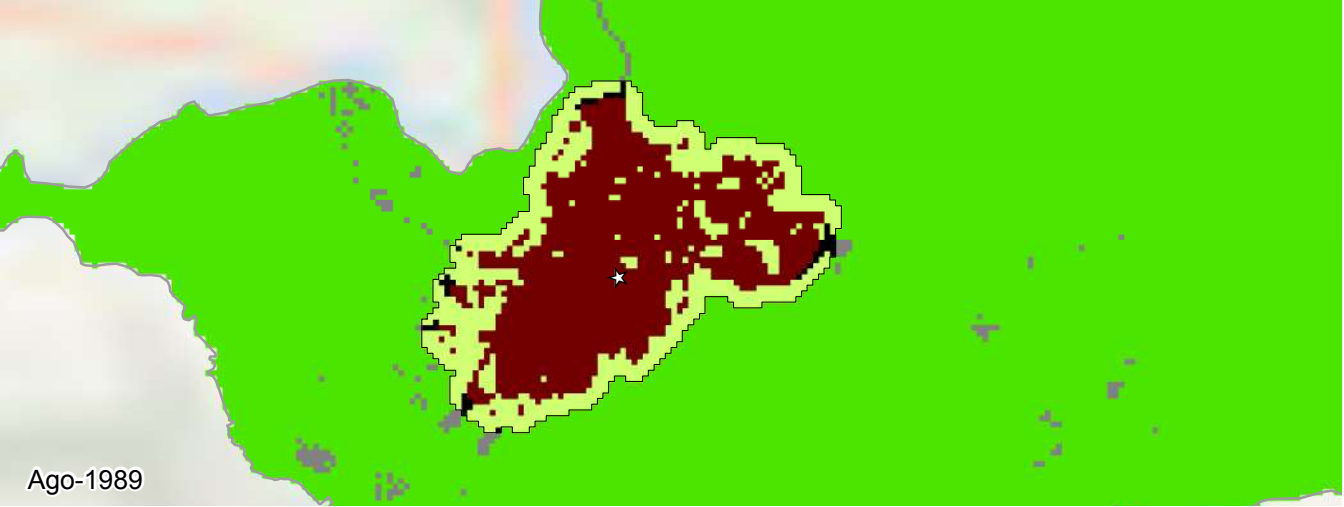
**Legenda**

- Chinácota |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



| Métrica                             | May 1991 | Ene 2001 | Ene 2015 | Cambio Anual % ('01-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 5,673    | 6,766    | 9,966    | 2.8                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 27.4     | 48.2     | 86.1     | 4.1                      |
| Urbana                              | 0.0      | 0.0      | 10.1     | 0.0                      |
| Suburbana                           | 23.4     | 44.7     | 70.1     | 3.2                      |
| Rural                               | 4.0      | 3.5      | 5.9      | 3.8                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 25       | 44       | 89       | 5.1                      |
| Huella Urbana                       | 52       | 92       | 175      | 4.6                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 207.4    | 140.3    | 115.7    | -1.4                     |
| Densidad de la Huella Urbana        | 107.9    | 73.3     | 56.7     | -1.8                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.52     | 0.52     | 0.49     | -0.5                     |
| Índice de Apertura                  | 0.72     | 0.64     | 0.61     | -0.3                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.99     | 0.96     | 0.85     | -0.9                     |
| Cohesión                            | 0.98     | 0.95     | 0.84     | -0.8                     |
| Área Agregada (Hectáreas)           | '91-'01  | Porción  | '01-'15  | Porción                  |
| Relleno                             | 1.98     | 9.76%    | 3.42     | 9.31%                    |
| Extensión                           | 12.6     | 62.1%    | 18.09    | 49.22%                   |
| Crecimiento Discontinuo             | 1.71     | 8.43%    | 3.24     | 8.82%                    |
| Inclusión                           | 4.0      | 19.71%   | 12.0     | 32.65%                   |

















### Chinchiná, Caldas 1989-2014

0 0.5 1 1.5 km



- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |   | Centro urbano            |

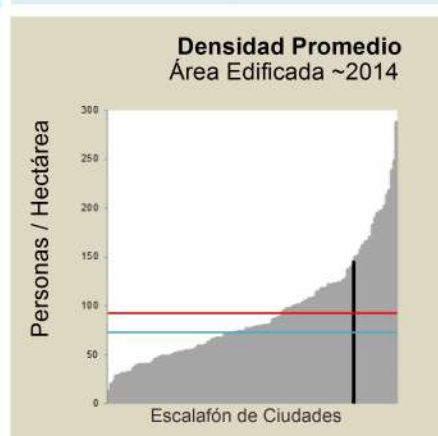
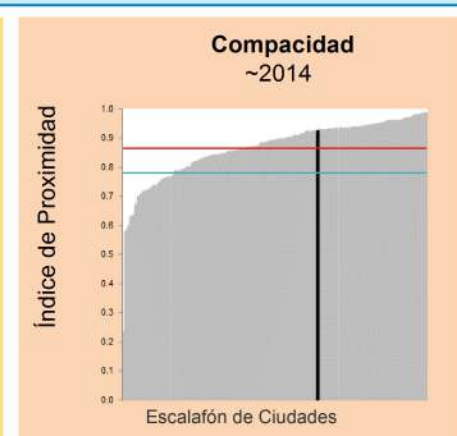
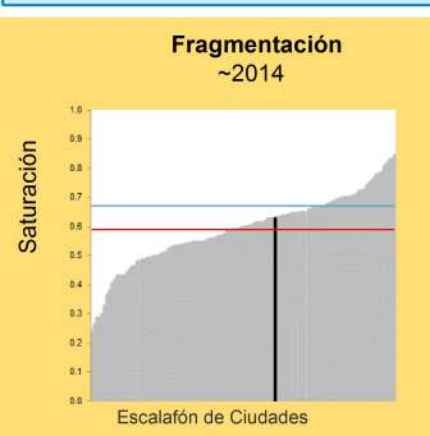
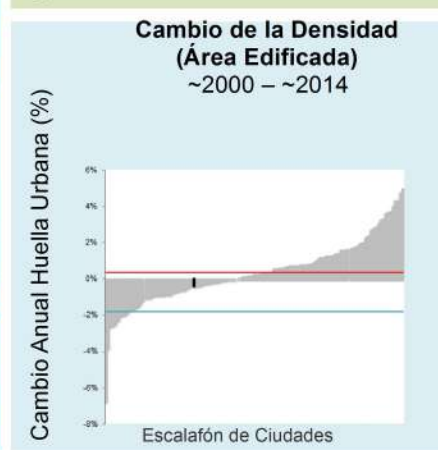
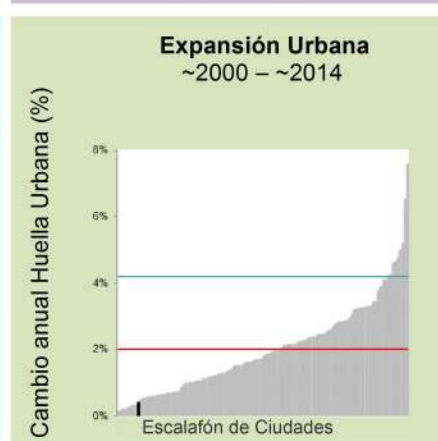


**Legenda**

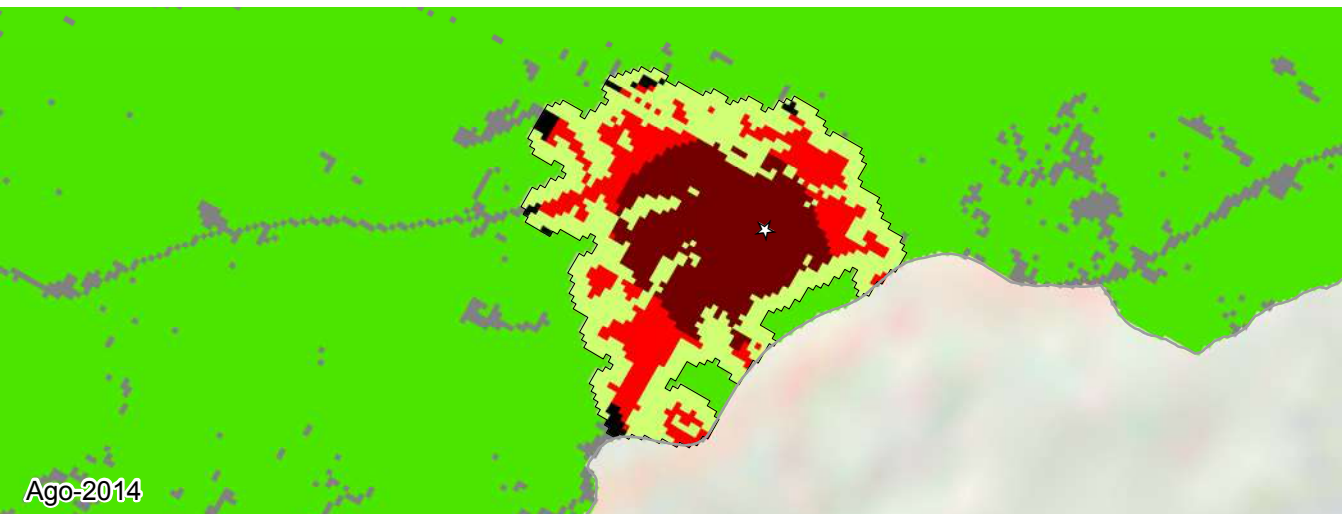
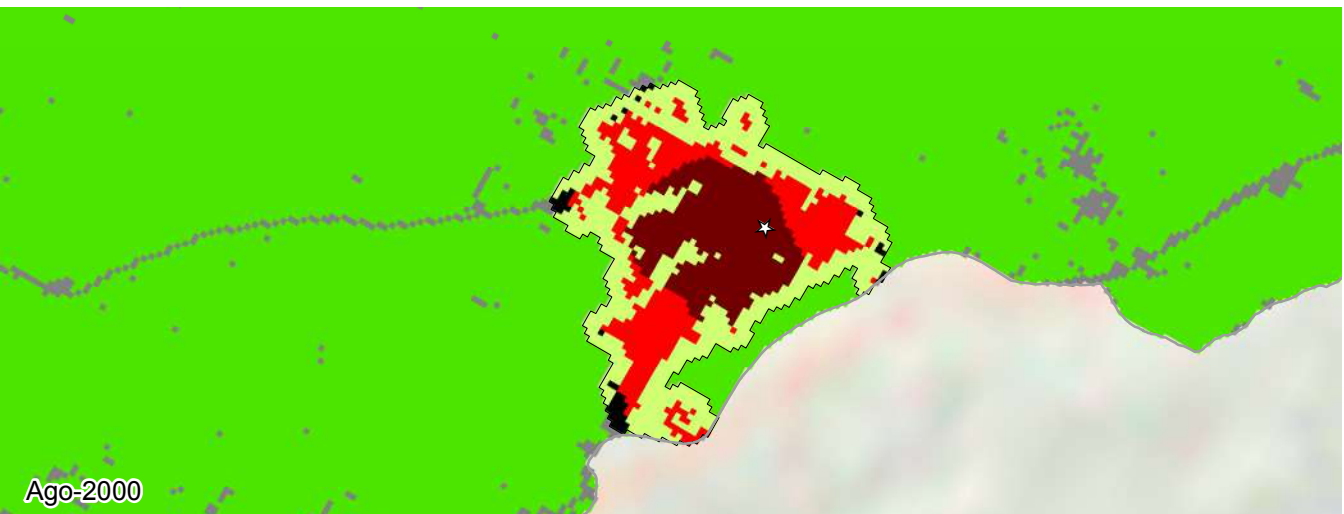
- Chinchiná |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



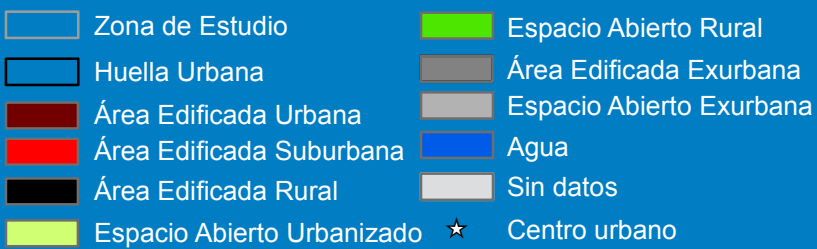
| Métrica                             | Ago 1989 | Jul 2002 | Jul 2014 | Cambio Anual % ('02-'14) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 41,107   | 42,483   | 42,455   | -0.0                     |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 144.9    | 177.3    | 184.6    | 0.3                      |
| Urbana                              | 140.8    | 173.6    | 180.5    | 0.3                      |
| Suburbana                           | 0.0      | 0.0      | 0.0      | 0.0                      |
| Rural                               | 4.0      | 3.7      | 4.0      | 0.8                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 89       | 101      | 108      | 0.5                      |
| Huella Urbana                       | 234      | 279      | 293      | 0.4                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 283.7    | 239.6    | 230.0    | -0.3                     |
| Densidad de la Huella Urbana        | 175.7    | 152.2    | 144.9    | -0.4                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.62     | 0.64     | 0.63     | -0.1                     |
| Índice de Apertura                  | 0.45     | 0.40     | 0.39     | -0.1                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.92     | 0.93     | 0.93     | -0.0                     |
| Cohesión                            | 0.92     | 0.92     | 0.92     | -0.0                     |
| Área Agregada (Hectáreas)           | '89-'02  | Porción  | '02-'14  | Porción                  |
| Relleno                             | 13.14    | 41.09%   | 3.6      | 51.21%                   |
| Extensión                           | 13.86    | 43.34%   | 1.8      | 25.6%                    |
| Crecimiento Discontinuo             | 1.98     | 6.19%    | 0.63     | 8.96%                    |
| Inclusión                           | 3.0      | 9.38%    | 1.0      | 14.22%                   |

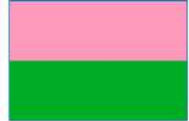






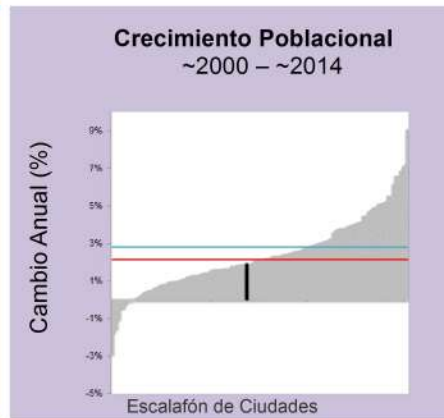
Circasia, Quindío  
1989-2014



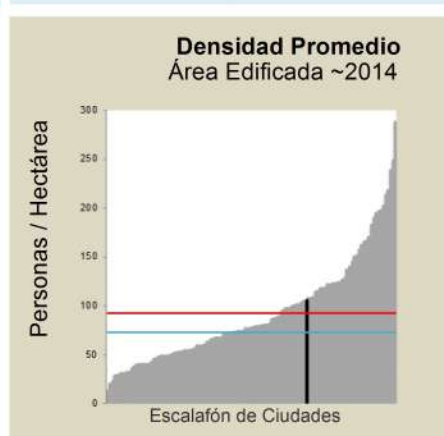
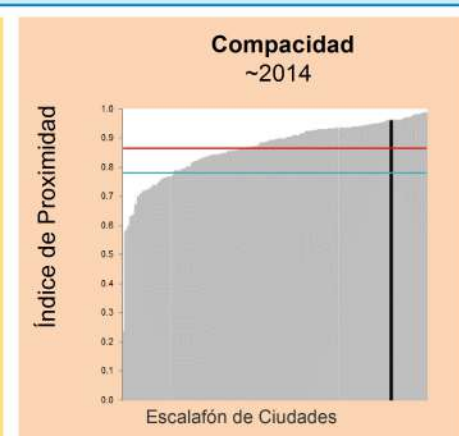
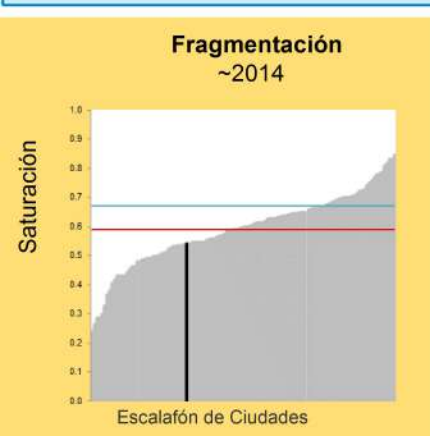
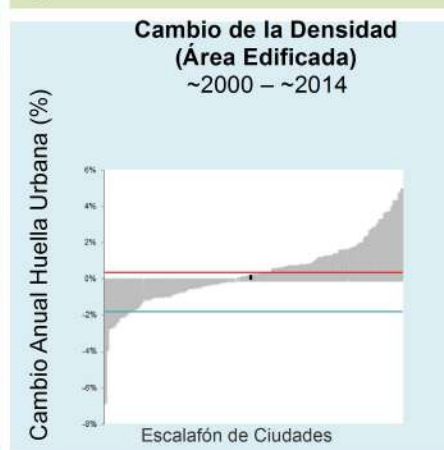
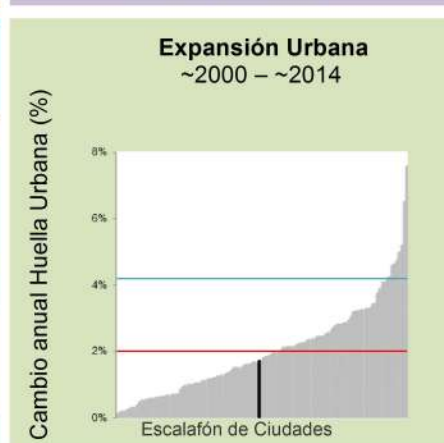


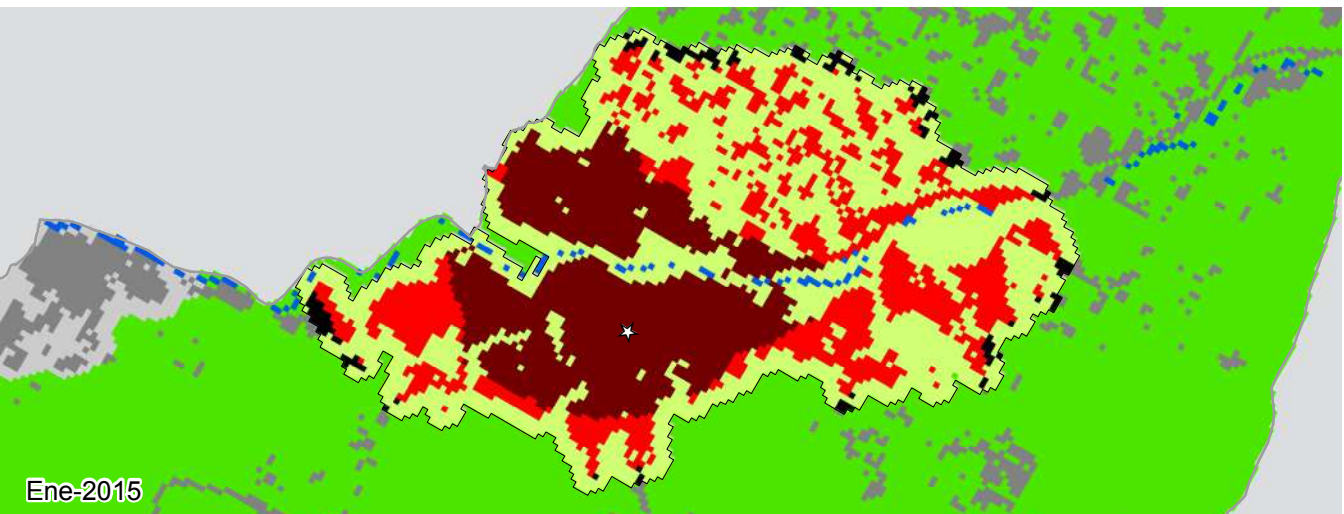
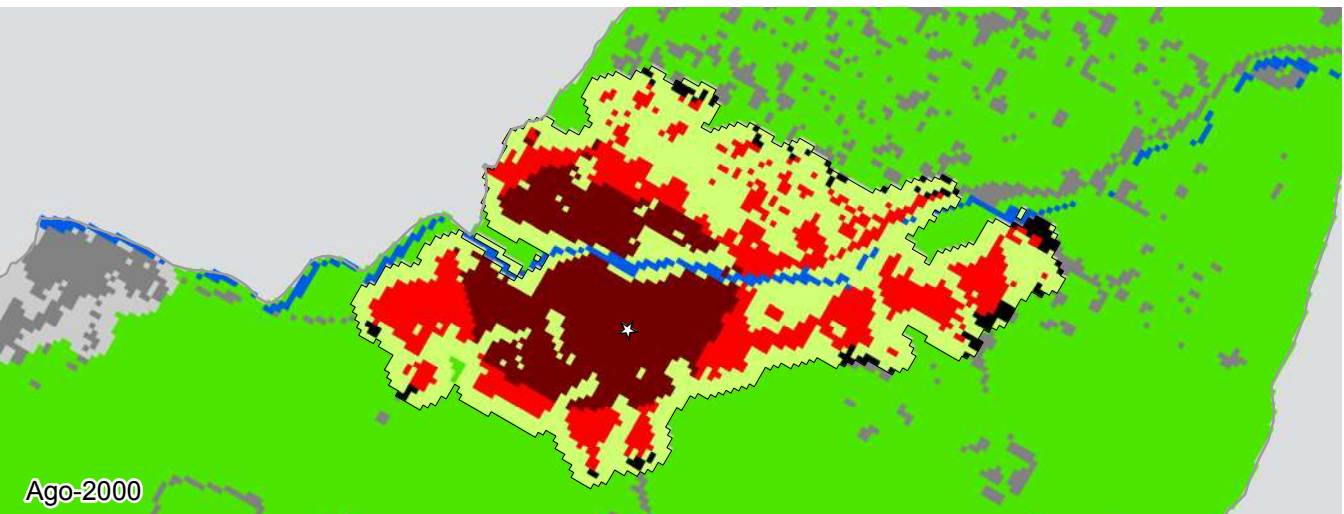
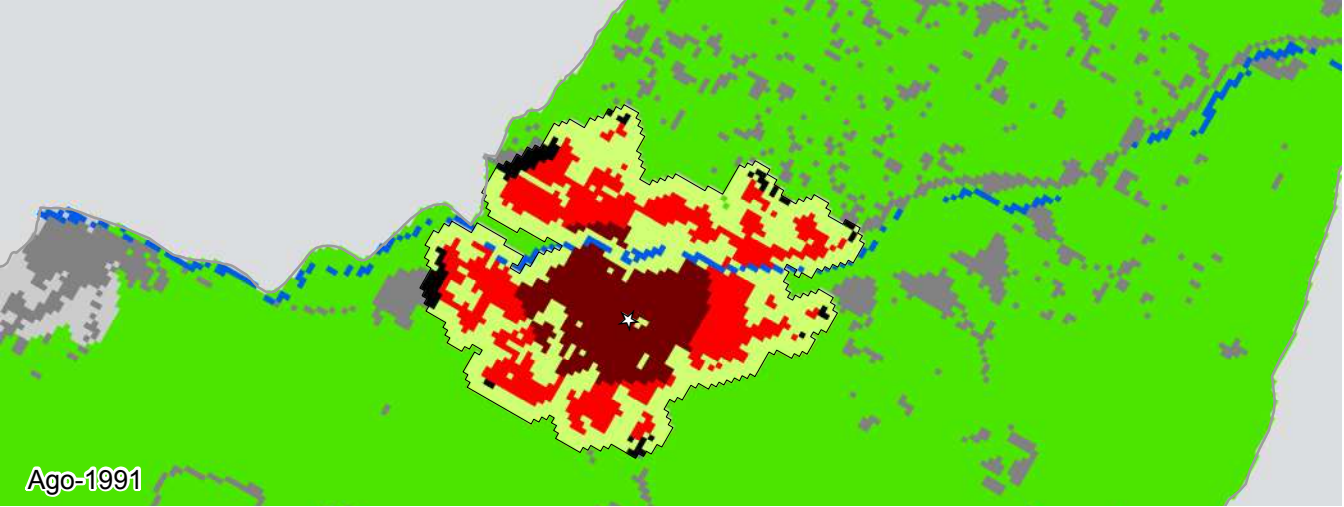
**Legenda**

- Circasia |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



| Métrica                             | Ago 1989 | Ago 2000 | Ago 2014 | Cambio Anual % ('00-'14) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 10,063   | 19,293   | 25,046   | 1.9                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 43.1     | 101.3    | 128.4    | 1.7                      |
| Urbana                              | 0.0      | 48.1     | 72.6     | 2.9                      |
| Suburbana                           | 39.0     | 49.3     | 51.7     | 0.3                      |
| Rural                               | 4.1      | 3.9      | 4.1      | 0.5                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 44       | 85       | 108      | 1.7                      |
| Huella Urbana                       | 87       | 186      | 236      | 1.7                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 233.4    | 190.6    | 195.0    | 0.2                      |
| Densidad de la Huella Urbana        | 114.4    | 103.4    | 105.8    | 0.2                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.49     | 0.54     | 0.54     | -0.0                     |
| Índice de Apertura                  | 0.65     | 0.51     | 0.47     | -0.7                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.99     | 0.93     | 0.96     | 0.2                      |
| Cohesión                            | 0.97     | 0.92     | 0.95     | 0.2                      |
| Área Agregada (Hectáreas)           | '89-'00  | Porción  | '00-'14  | Porción                  |
| Relleno                             | 12.6     | 21.71%   | 7.38     | 27.58%                   |
| Extensión                           | 25.47    | 43.89%   | 16.02    | 59.87%                   |
| Crecimiento Discontinuo             | 3.96     | 6.82%    | 0.36     | 1.35%                    |
| Inclusión                           | 16.0     | 27.57%   | 3.0      | 11.21%                   |















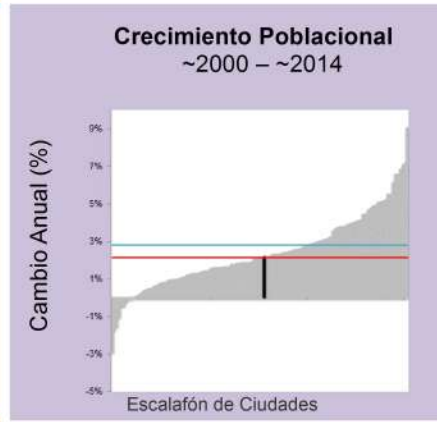
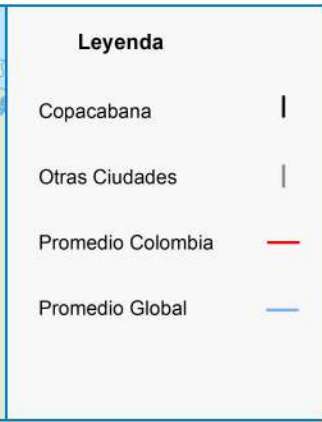


Copacabana, Quindío  
1991-2015

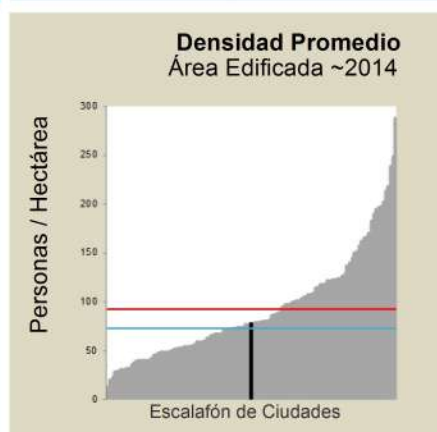
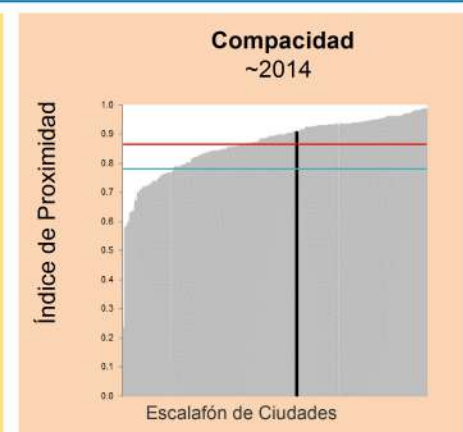
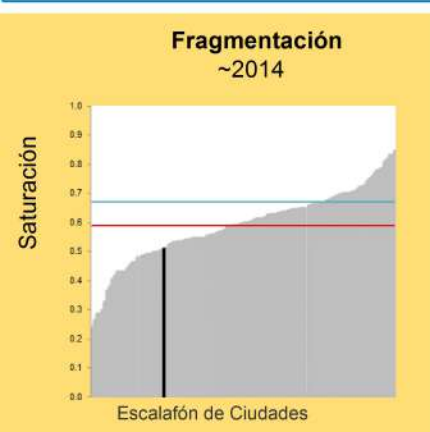
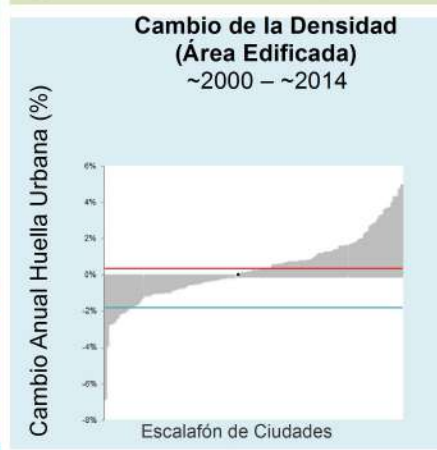
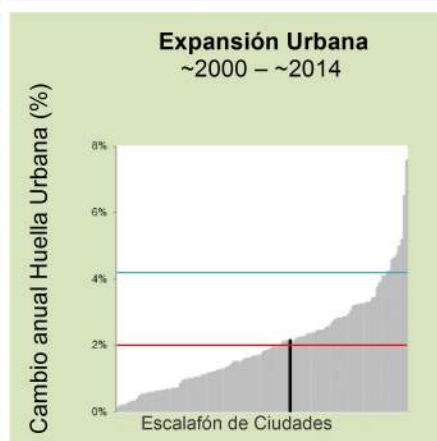
0 0.5 1 1.5 km

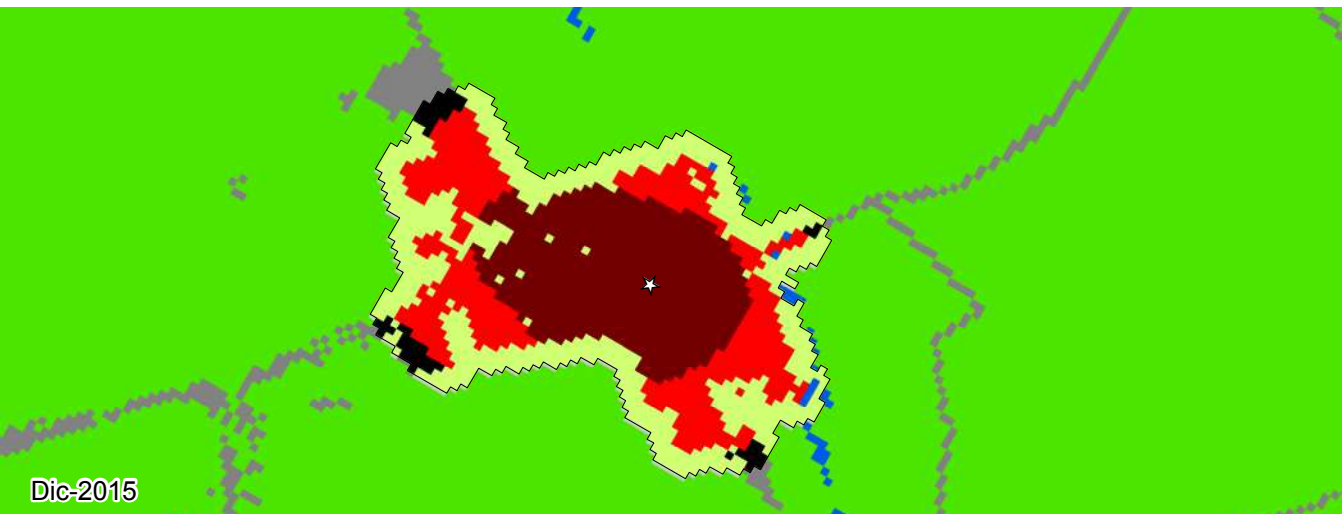
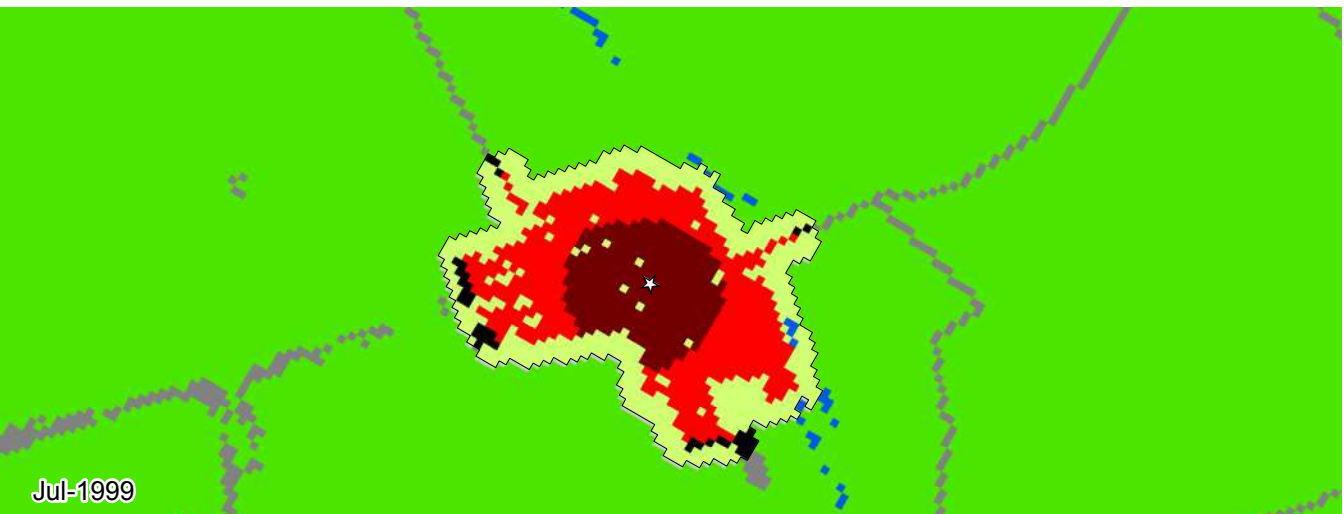
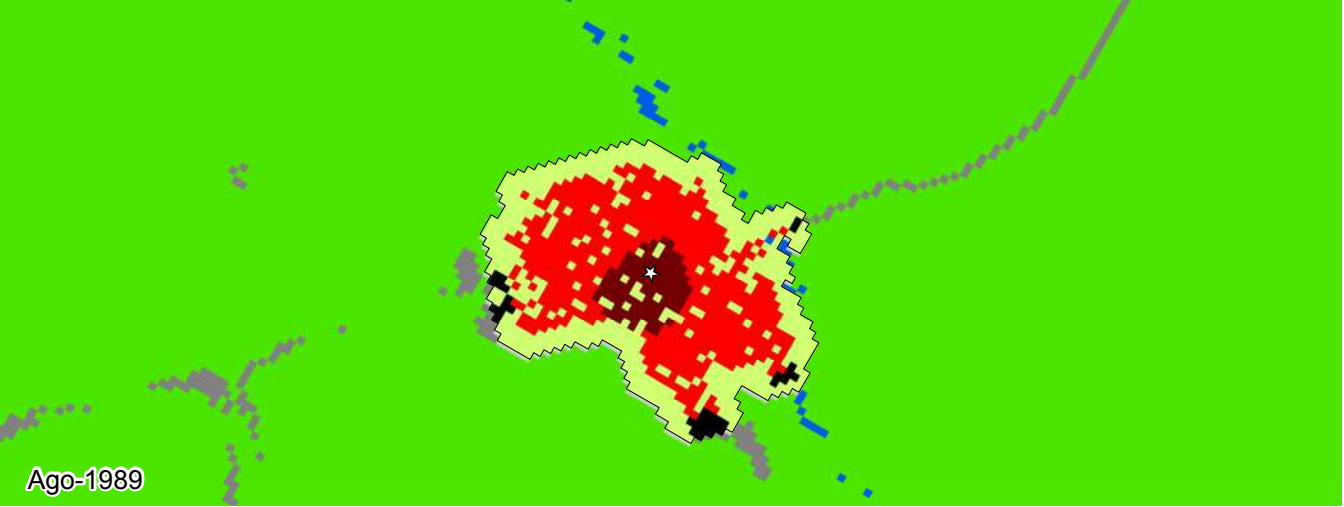


- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |   | Centro urbano            |















| Métrica                             | Ago 1991 | Ago 2000 | Ene 2015 | Cambio Anual % ('00-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 18,430   | 32,213   | 43,905   | 2.1                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 128.5    | 217.3    | 289.4    | 2.0                      |
| Urbana                              | 49.2     | 103.1    | 151.1    | 2.6                      |
| Suburbana                           | 71.3     | 103.3    | 125.8    | 1.4                      |
| Rural                               | 8.0      | 10.9     | 12.5     | 1.0                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 119      | 198      | 277      | 2.3                      |
| Huella Urbana                       | 247      | 416      | 567      | 2.1                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 143.4    | 148.2    | 151.7    | 0.2                      |
| Densidad de la Huella Urbana        | 74.4     | 77.4     | 77.4     | 0.0                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.52     | 0.52     | 0.51     | -0.2                     |
| Índice de Apertura                  | 0.54     | 0.50     | 0.49     | -0.2                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.95     | 0.89     | 0.91     | 0.2                      |
| Cohesión                            | 0.95     | 0.88     | 0.90     | 0.2                      |
| Área Agregada (Hectáreas)           | '91-'00  | Porción  | '00-'15  | Porción                  |
| Relleno                             | 21.51    | 24.29%   | 21.96    | 30.7%                    |
| Extensión                           | 16.47    | 18.6%    | 15.39    | 21.52%                   |
| Crecimiento Discontinuo             | 13.59    | 15.34%   | 9.18     | 12.83%                   |
| Inclusión                           | 37.0     | 41.77%   | 25.0     | 34.95%                   |





Corinto, Cauca  
1989-2015



- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |  | Centro urbano            |

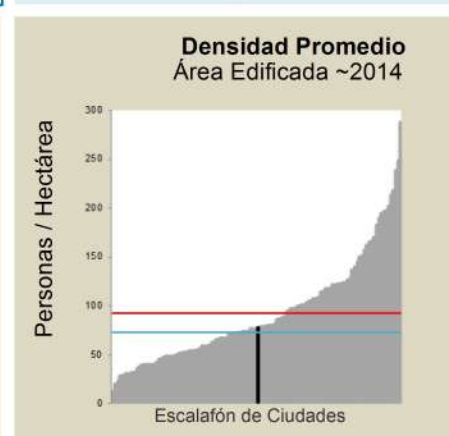
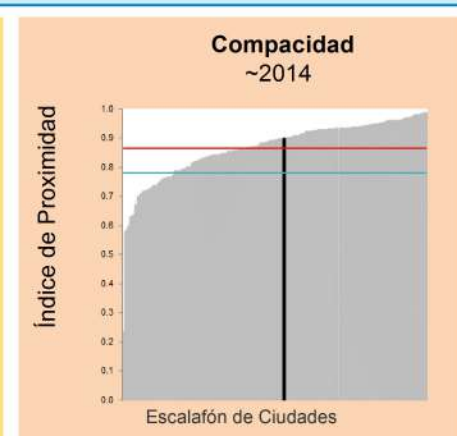
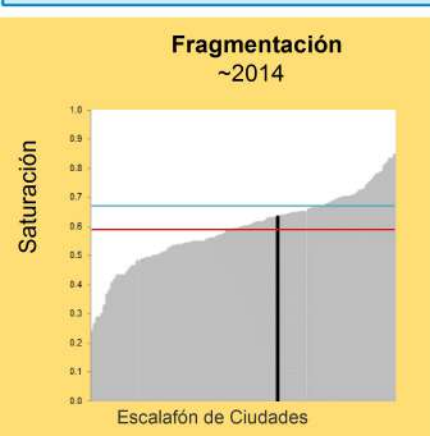
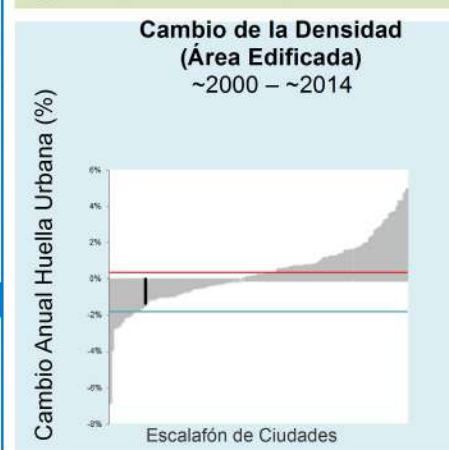
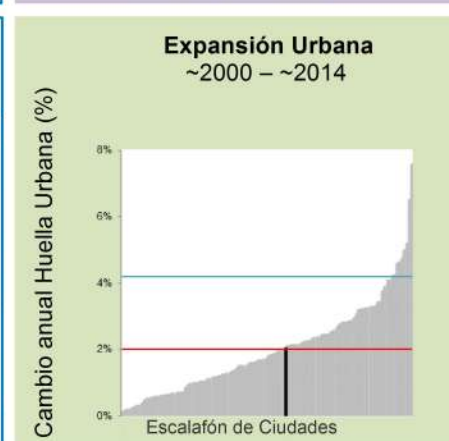


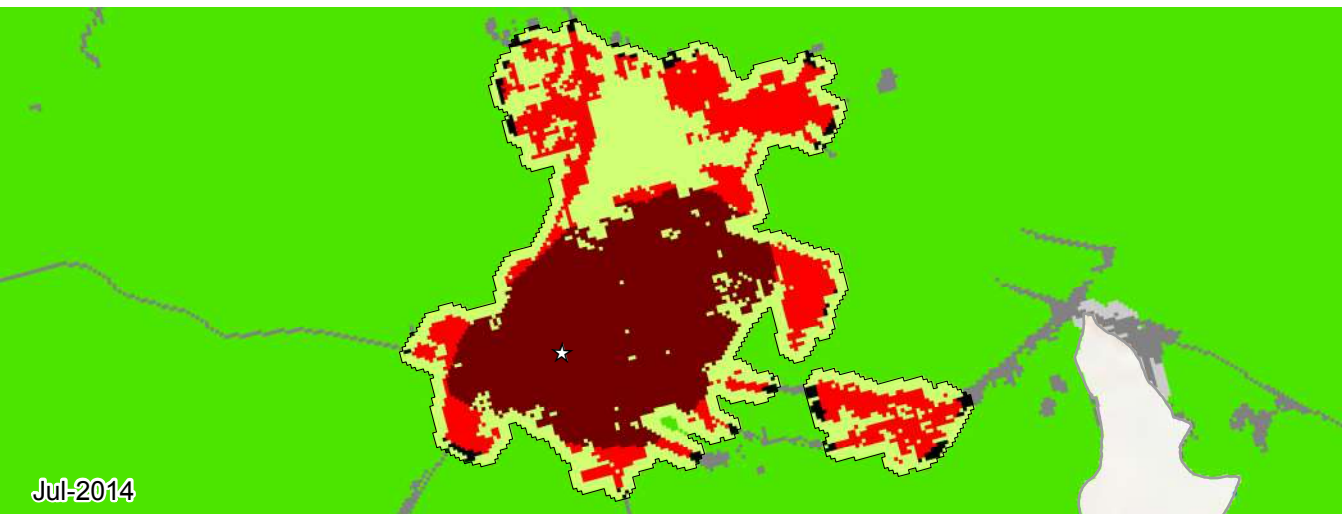
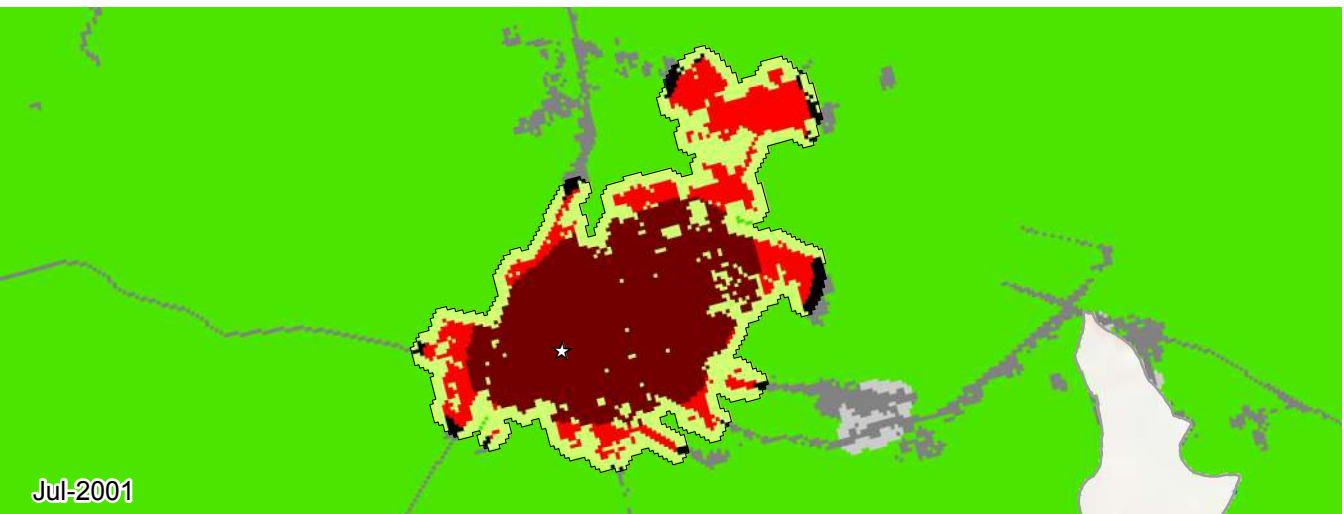
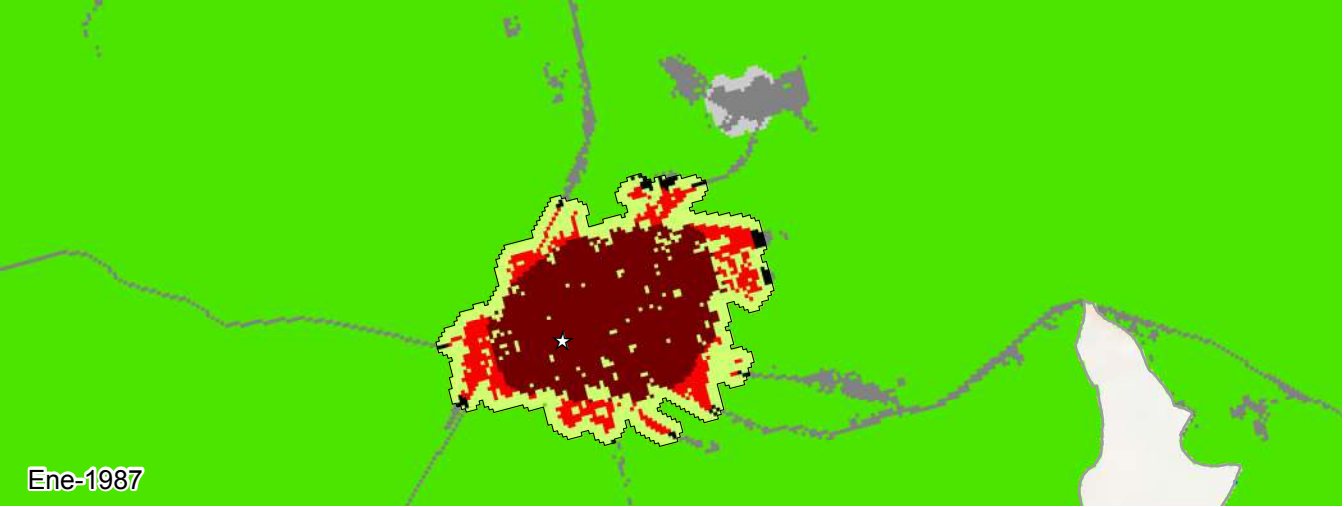
**Legenda**

- Corinto |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —















| Métrica                             | Ago 1989 | Jul 1999 | Dic 2015 | Cambio Anual % ('99-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 11,526   | 12,045   | 13,378   | 0.6                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 58.2     | 74.5     | 108.6    | 2.3                      |
| Urbana                              | 8.5      | 26.7     | 56.7     | 4.6                      |
| Suburbana                           | 46.8     | 44.4     | 46.6     | 0.3                      |
| Rural                               | 3.0      | 3.4      | 5.3      | 2.7                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 46       | 48       | 62       | 1.6                      |
| Huella Urbana                       | 104      | 122      | 171      | 2.0                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 197.9    | 161.6    | 123.2    | -1.7                     |
| Densidad de la Huella Urbana        | 110.0    | 98.2     | 78.1     | -1.4                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.56     | 0.61     | 0.63     | 0.3                      |
| Índice de Apertura                  | 0.59     | 0.54     | 0.50     | -0.5                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.96     | 0.94     | 0.90     | -0.3                     |
| Cohesión                            | 0.95     | 0.93     | 0.89     | -0.3                     |
| Área Agregada (Hectáreas)           | '89-'99  | Porción  | '99-'15  | Porción                  |
| Relleno                             | 8.73     | 54.09%   | 4.5      | 13.47%                   |
| Extensión                           | 4.05     | 25.09%   | 27.81    | 83.26%                   |
| Crecimiento Discontinuo             | 0.36     | 2.23%    | 0.09     | 0.27%                    |
| Inclusión                           | 3.0      | 18.59%   | 1.0      | 2.99%                    |





### Gran Corozal, Sucre 1987-2014

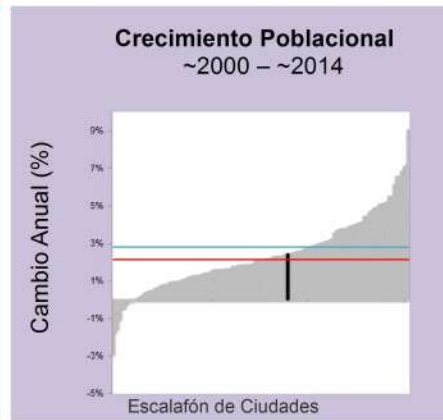


- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |  | Centro urbano            |

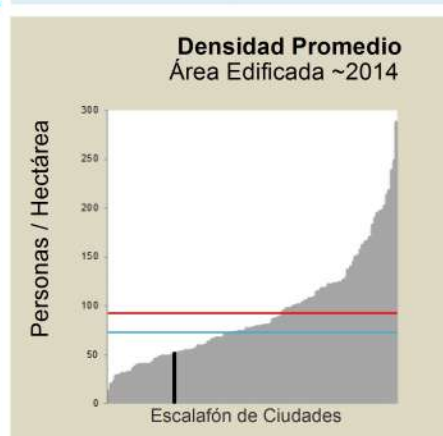
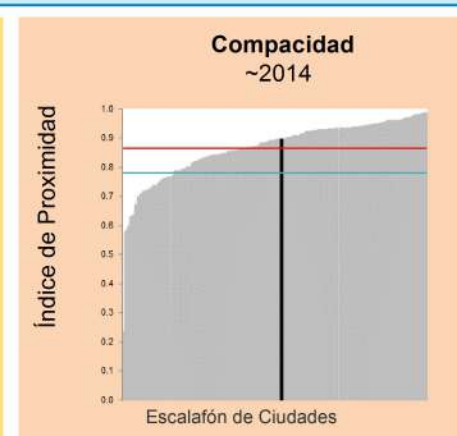
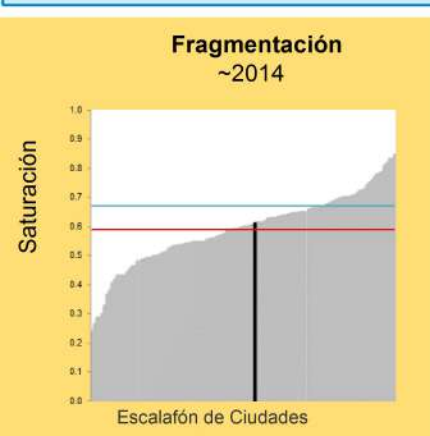
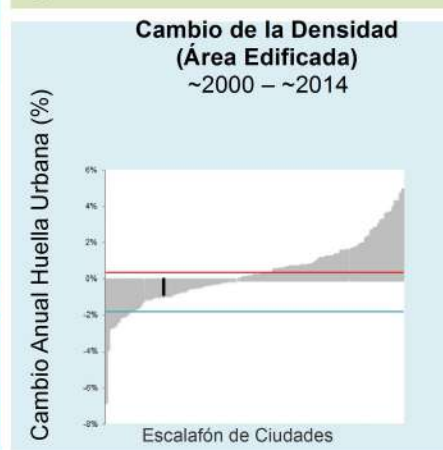
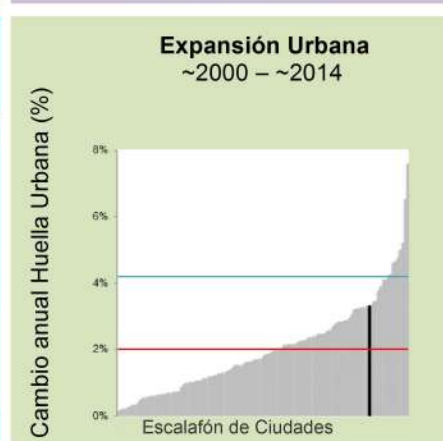


**Legenda**

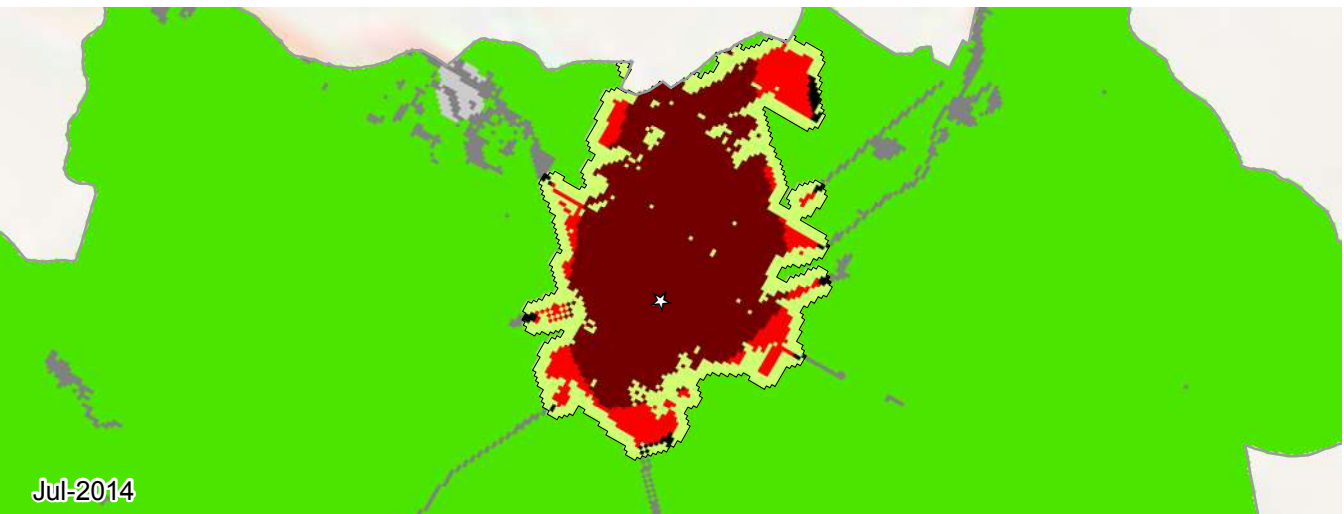
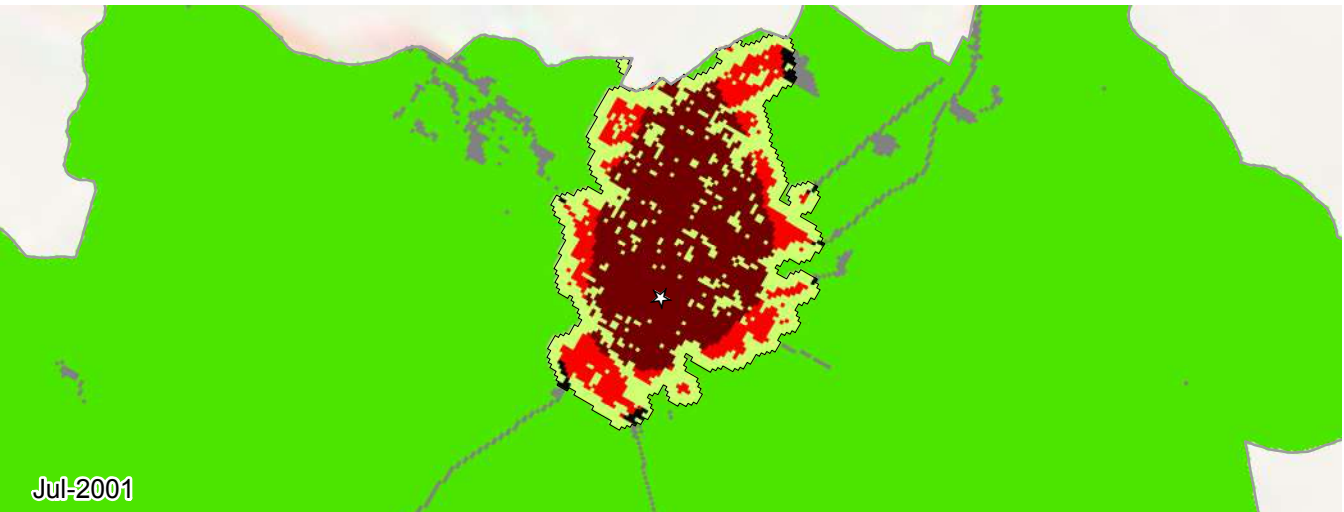
- Gran Corozal |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



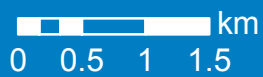
| Métrica                             | Ene 1987 | Jul 2001 | Jul 2014 | Cambio Anual % ('01-'14) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 48,662   | 47,694   | 72,176   | 3.2                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 247.9    | 386.9    | 546.9    | 2.7                      |
| Urbana                              | 187.7    | 263.6    | 318.4    | 1.5                      |
| Suburbana                           | 53.8     | 109.7    | 211.2    | 5.0                      |
| Rural                               | 6.5      | 13.6     | 17.3     | 1.8                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 130      | 194      | 346      | 4.4                      |
| Huella Urbana                       | 378      | 581      | 893      | 3.3                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 196.3    | 123.3    | 132.0    | 0.5                      |
| Densidad de la Huella Urbana        | 128.6    | 82.0     | 80.8     | -0.1                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.66     | 0.67     | 0.61     | -0.6                     |
| Índice de Apertura                  | 0.34     | 0.36     | 0.39     | 0.7                      |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.97     | 0.89     | 0.90     | 0.1                      |
| Cohesión                            | 0.96     | 0.88     | 0.88     | 0.0                      |
| Área Agregada (Hectáreas)           | '87-'01  | Porción  | '01-'14  | Porción                  |
| Relleno                             | 28.53    | 20.66%   | 25.92    | 16.24%                   |
| Extensión                           | 67.23    | 48.69%   | 42.03    | 26.33%                   |
| Crecimiento Discontinuo             | 5.31     | 3.85%    | 24.66    | 15.45%                   |
| Inclusión                           | 37.0     | 26.8%    | 67.0     | 41.98%                   |



















Corozal, Sucre  
1987-2014

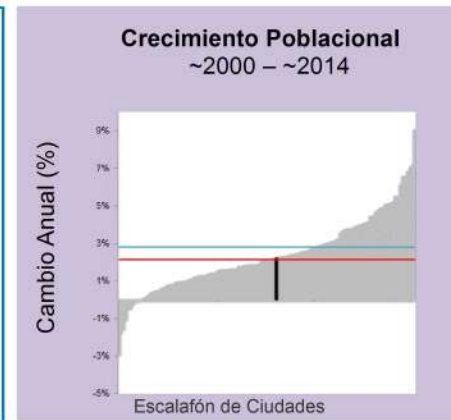


- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |   | Centro urbano            |

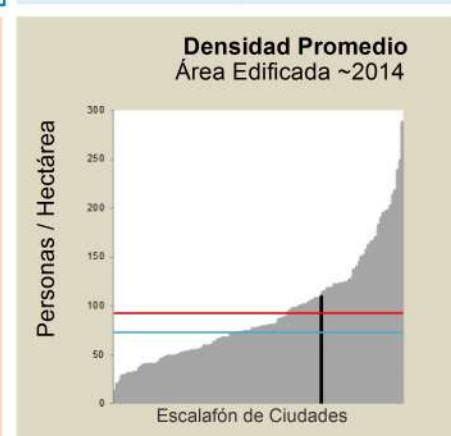
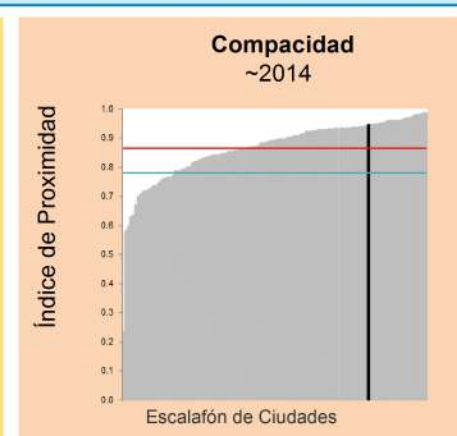
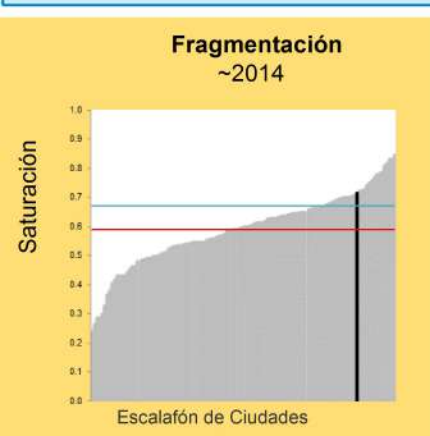
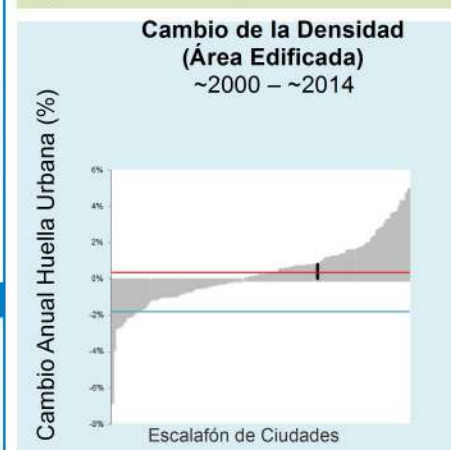
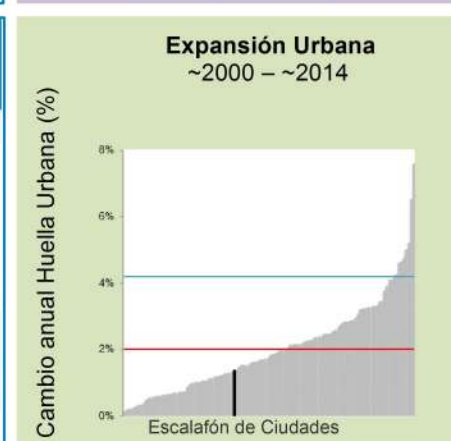


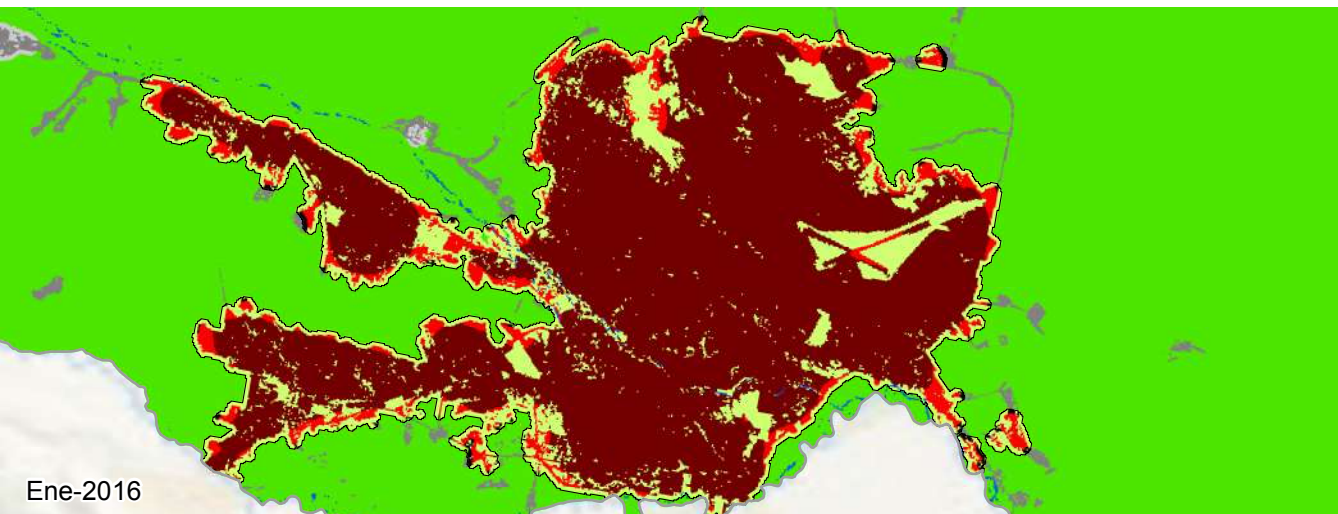
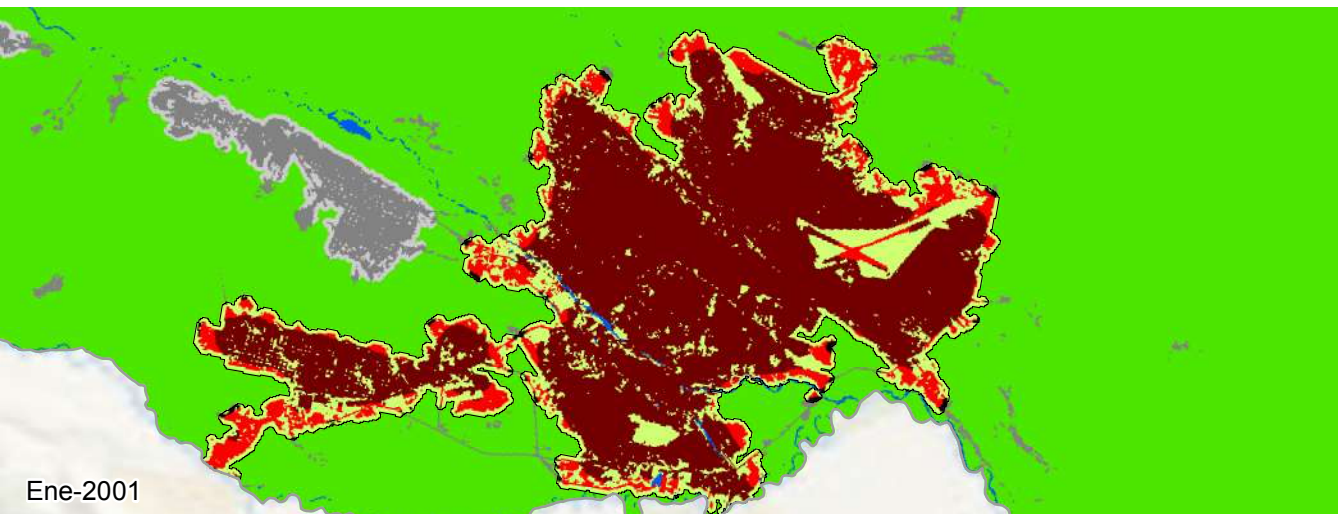
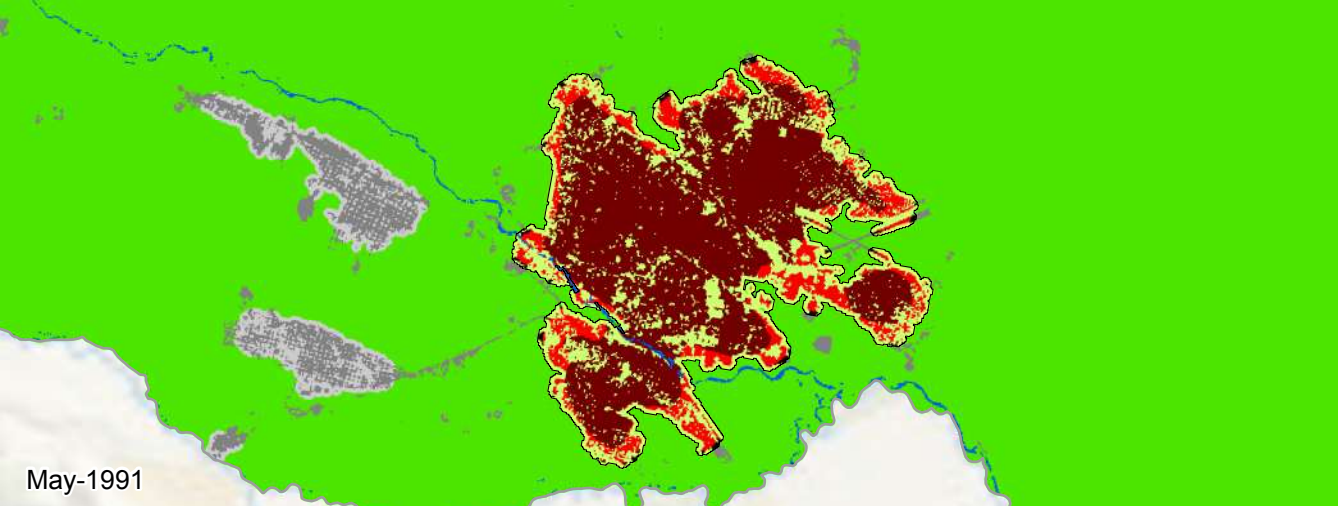
**Legenda**

- Corozal |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —















| Métrica                             | Ene 1987 | Jul 2001 | Jul 2014 | Cambio Anual % ('01-'14) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 28,922   | 42,776   | 56,761   | 2.2                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 145.0    | 275.3    | 371.9    | 2.3                      |
| Urbana                              | 51.8     | 199.6    | 303.0    | 3.2                      |
| Suburbana                           | 84.8     | 70.6     | 62.7     | -0.9                     |
| Rural                               | 8.4      | 5.1      | 6.1      | 1.4                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 151      | 160      | 148      | -0.6                     |
| Huella Urbana                       | 296      | 436      | 520      | 1.4                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 199.5    | 155.4    | 152.6    | -0.1                     |
| Densidad de la Huella Urbana        | 97.6     | 98.1     | 109.1    | 0.8                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.49     | 0.63     | 0.71     | 1.0                      |
| Índice de Apertura                  | 0.55     | 0.37     | 0.29     | -1.9                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.98     | 0.95     | 0.94     | -0.0                     |
| Cohesión                            | 0.97     | 0.94     | 0.94     | -0.0                     |
| Área Agregada (Hectáreas)           | '87-'01  | Porción  | '01-'14  | Porción                  |
| Relleno                             | 66.78    | 51.26%   | 50.49    | 52.79%                   |
| Extensión                           | 34.56    | 26.53%   | 36.72    | 38.39%                   |
| Crecimiento Discontinuo             | 15.93    | 12.23%   | 1.44     | 1.51%                    |
| Inclusión                           | 13.0     | 9.98%    | 7.0      | 7.32%                    |





Gran Cúcuta,  
Norte de Santander  
1991-2016

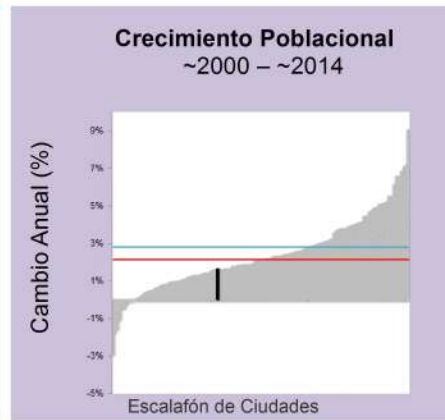


- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |   | Centro urbano            |

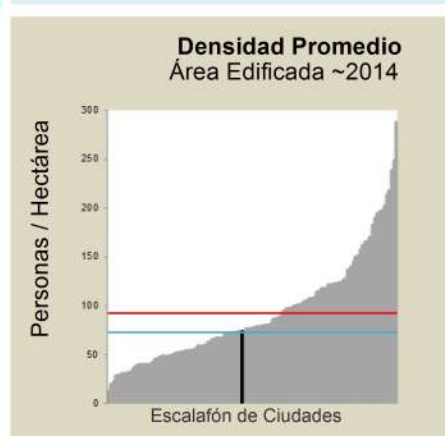
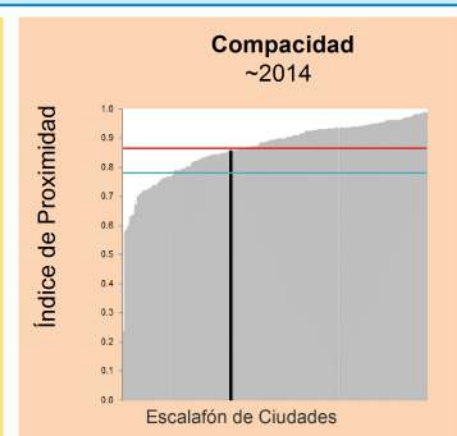
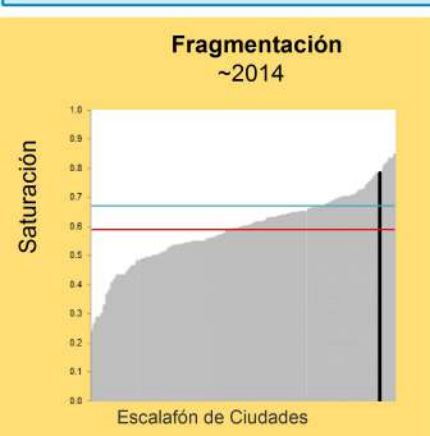
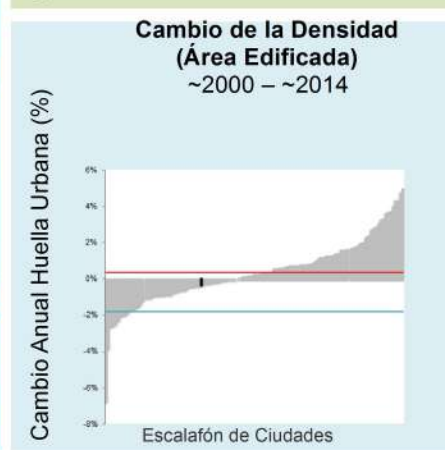
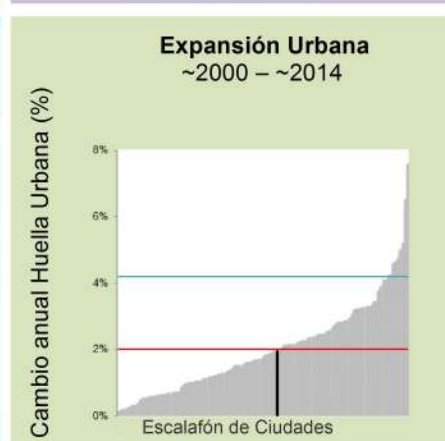


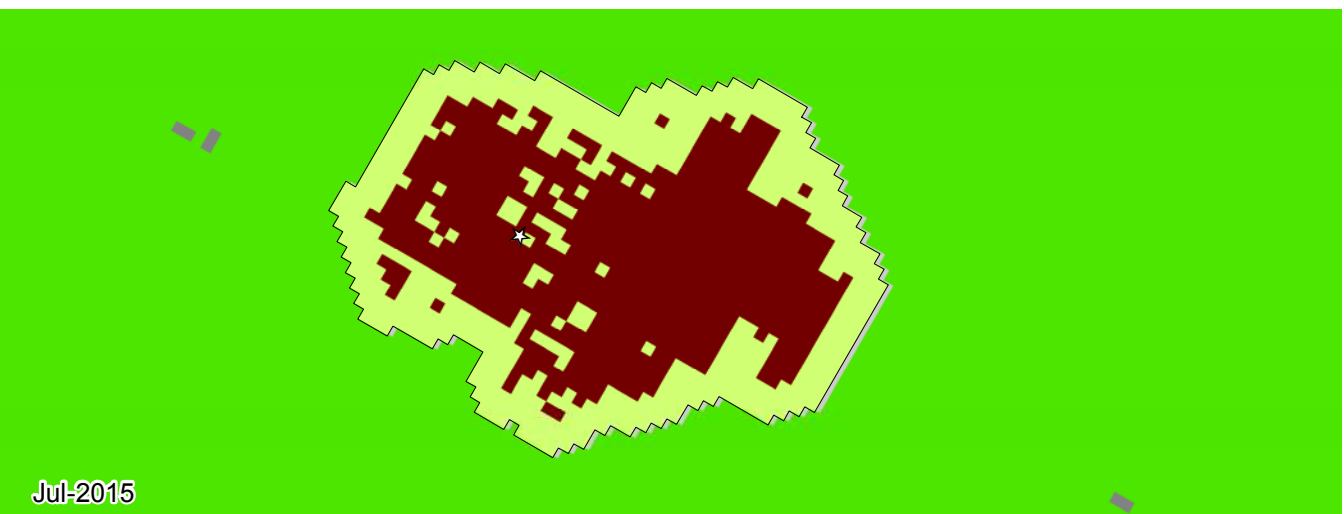
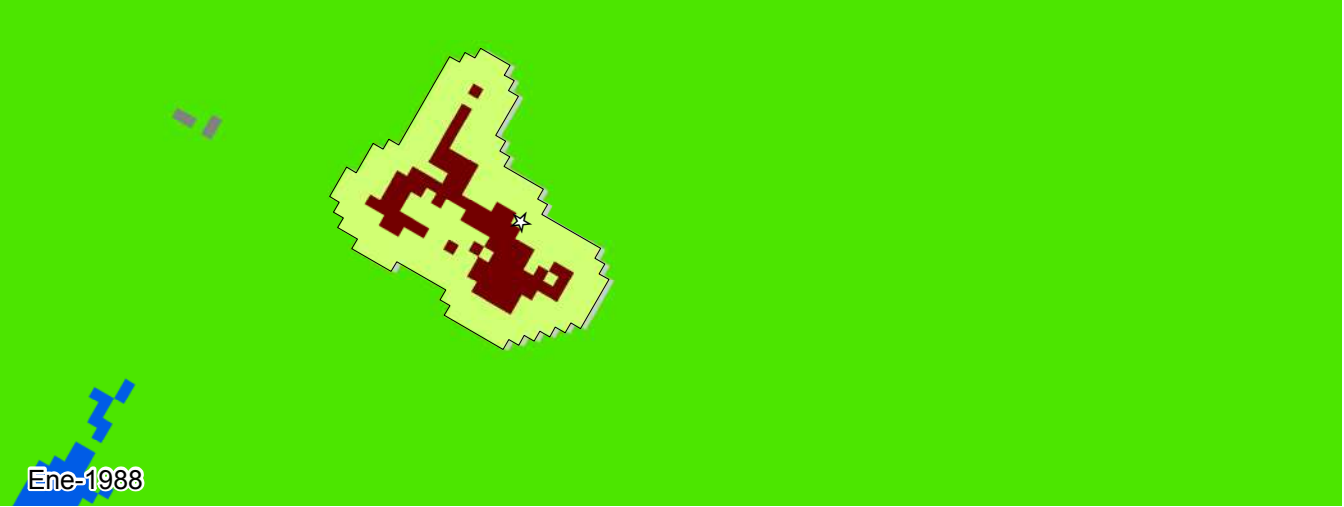
**Legenda**

- Gran Cúcuta |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —















| Métrica                             | May 1991 | Ene 2001 | Ene 2016 | Cambio Anual % ('01-'16) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 455,552  | 581,707  | 739,321  | 1.6                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 2,860.7  | 5,580.8  | 7,811.4  | 2.2                      |
| Urbana                              | 2,336.6  | 4,778.8  | 7,064.2  | 2.6                      |
| Suburbana                           | 491.0    | 749.0    | 690.3    | -0.5                     |
| Rural                               | 33.0     | 53.0     | 56.9     | 0.5                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 1,242    | 1,839    | 2,141    | 1.0                      |
| Huella Urbana                       | 4,103    | 7,420    | 9,952    | 2.0                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 159.2    | 104.2    | 94.6     | -0.6                     |
| Densidad de la Huella Urbana        | 111.0    | 78.4     | 74.3     | -0.4                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.70     | 0.75     | 0.78     | 0.3                      |
| Índice de Apertura                  | 0.28     | 0.23     | 0.19     | -1.2                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.93     | 0.84     | 0.85     | 0.1                      |
| Cohesión                            | 0.92     | 0.82     | 0.84     | 0.2                      |
| Área Agregada (Hectáreas)           | '91-'01  | Porción  | '01-'16  | Porción                  |
| Relleno                             | 635.85   | 23.38%   | 592.92   | 26.59%                   |
| Extensión                           | 1,629.99 | 59.94%   | 885.69   | 39.72%                   |
| Crecimiento Discontinuo             | 105.48   | 3.88%    | 85.23    | 3.82%                    |
| Inclusión                           | 348.0    | 12.8%    | 666.0    | 29.87%                   |





Cumaribo, Vichada  
1988-2015

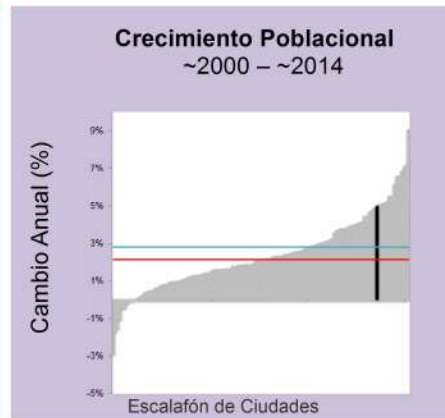


- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |   | Centro urbano            |

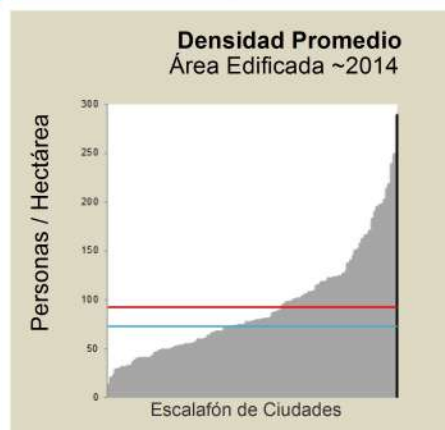
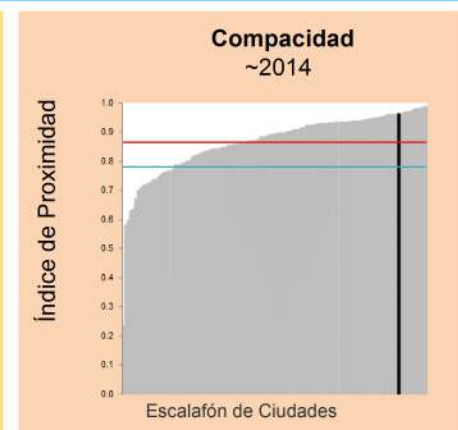
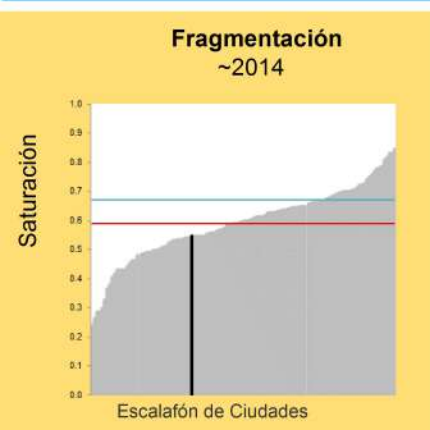
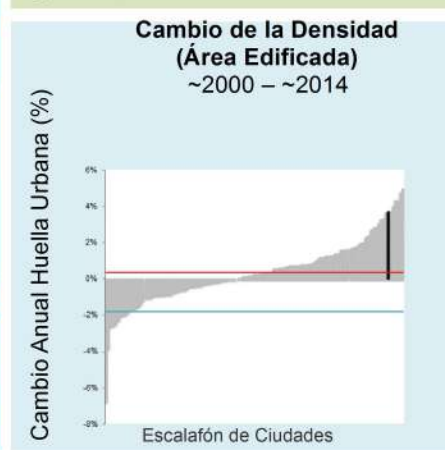
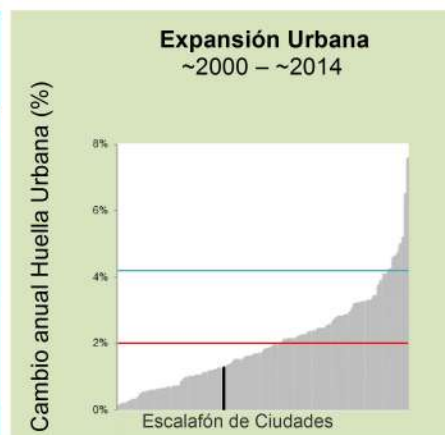


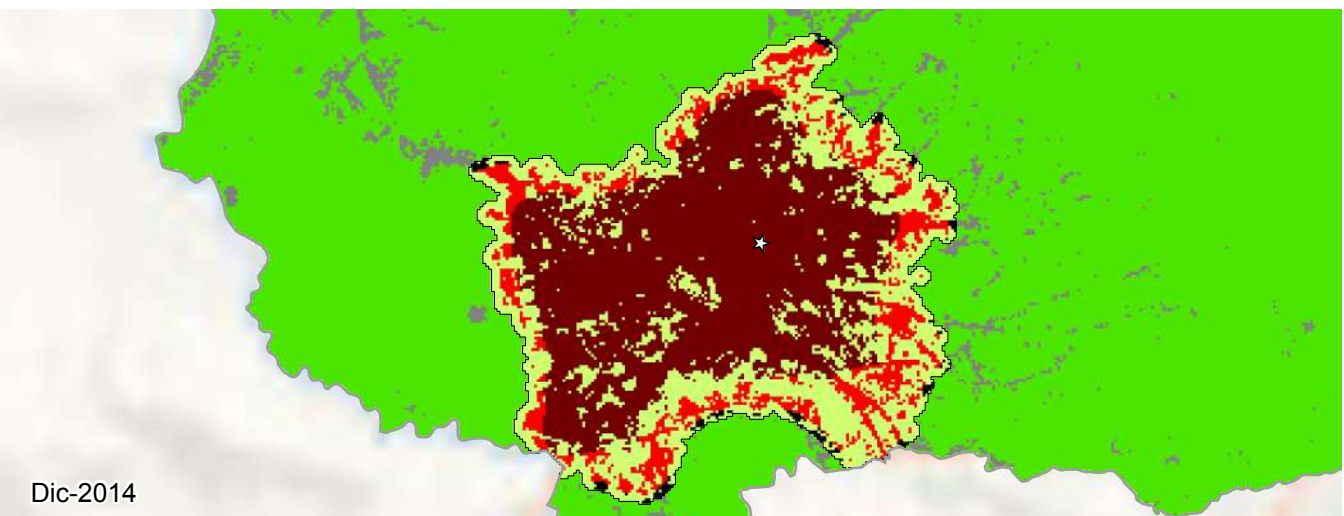
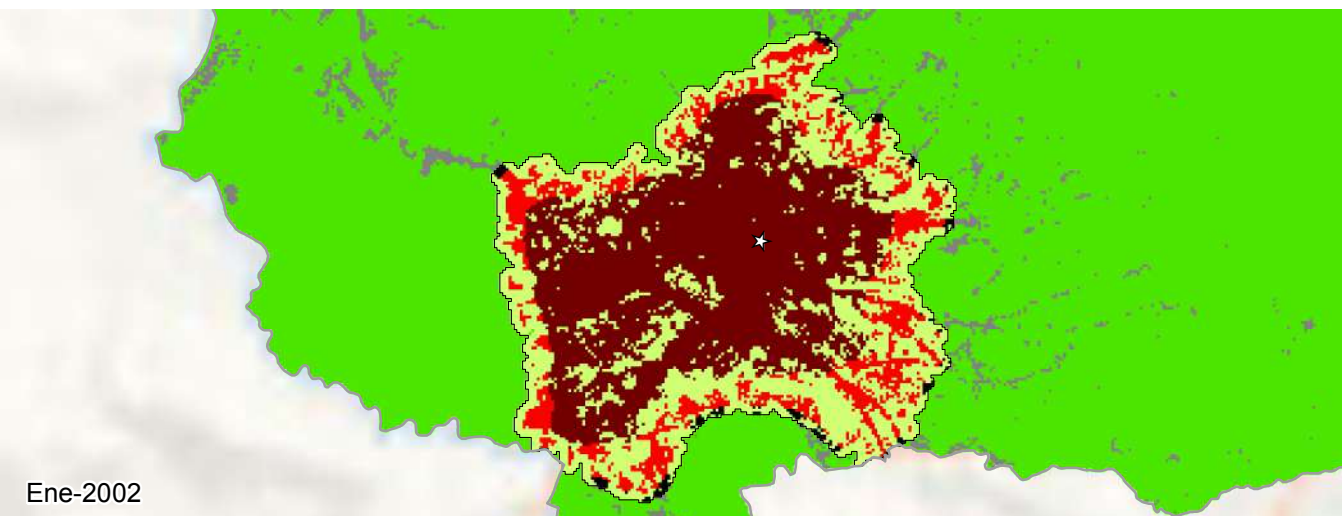
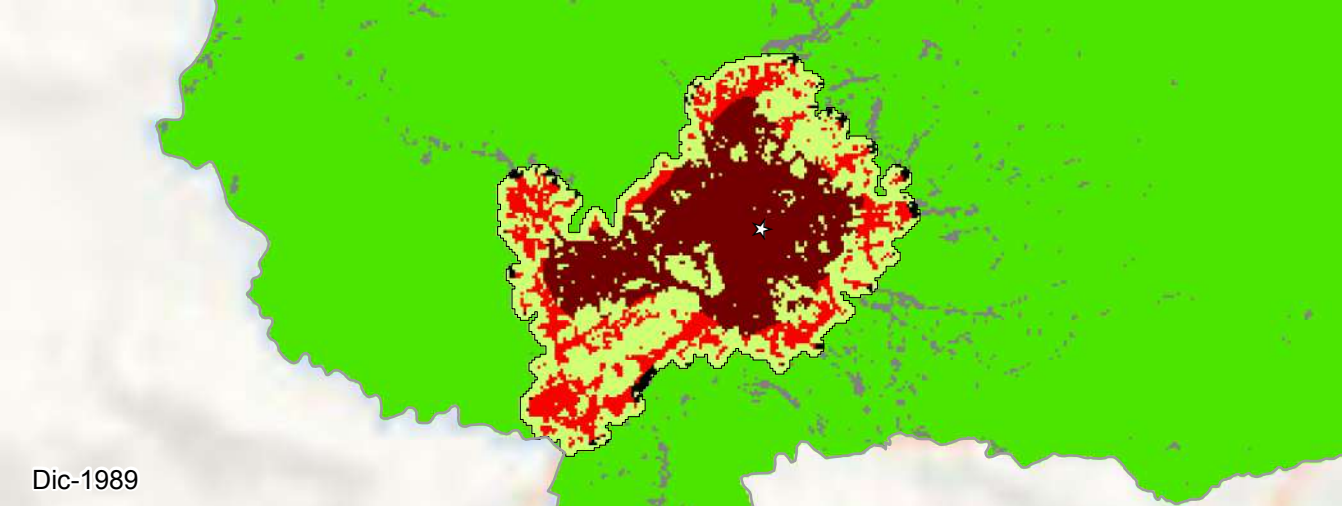
**Legenda**

- Cumaribo |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —

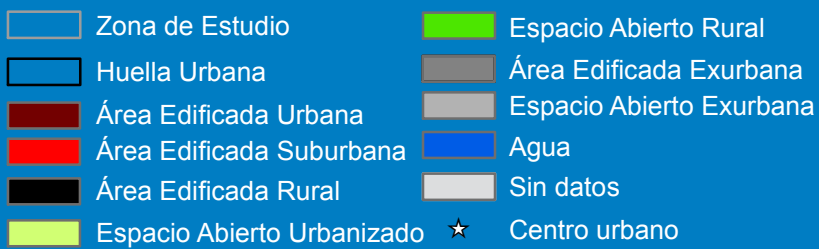


| Métrica                             | Ene 1988 | Ene 2001 | Jul 2015 | Cambio Anual % ('01-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 942      | 15,193   | 31,110   | 4.9                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 7.5      | 40.7     | 59.0     | 2.6                      |
| Urbana                              | 7.5      | 40.7     | 59.0     | 2.6                      |
| Suburbana                           | 0.0      | 0.0      | 0.0      | 0.0                      |
| Rural                               | 0.0      | 0.0      | 0.0      | 0.0                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 22       | 48       | 48       | -0.0                     |
| Huella Urbana                       | 29       | 89       | 107      | 1.3                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 126.1    | 373.5    | 527.7    | 2.4                      |
| Densidad de la Huella Urbana        | 31.9     | 169.5    | 288.5    | 3.7                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.25     | 0.45     | 0.55     | 1.3                      |
| Índice de Apertura                  | 0.92     | 0.70     | 0.59     | -1.1                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.90     | 0.95     | 0.96     | 0.1                      |
| Cohesión                            | 0.87     | 0.93     | 0.95     | 0.1                      |
| Área Agregada (Hectáreas)           | '88-'01  | Porción  | '01-'15  | Porción                  |
| Relleno                             | 1.89     | 5.08%    | 9.81     | 48.4%                    |
| Extensión                           | 31.14    | 83.69%   | 8.46     | 41.74%                   |
| Crecimiento Discontinuo             | 0.18     | 0.48%    | 0.0      | 0.0%                     |
| Inclusión                           | 4.0      | 10.75%   | 2.0      | 9.87%                    |





### Duitama, Boyacá 1989-2014



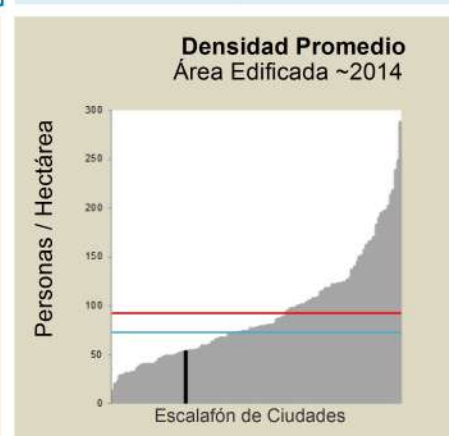
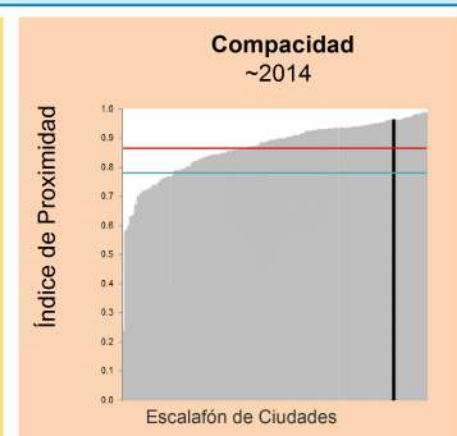
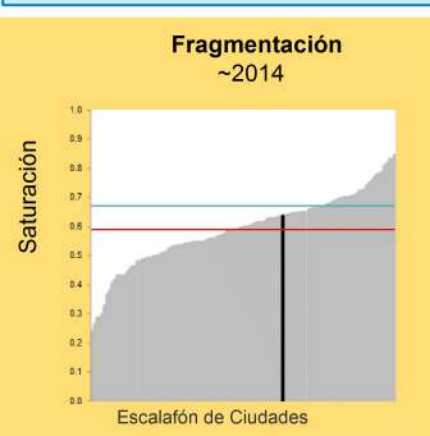
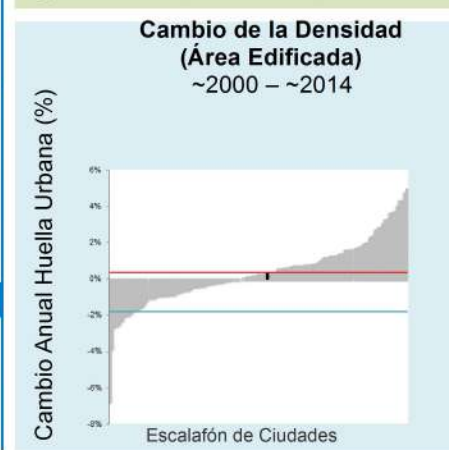
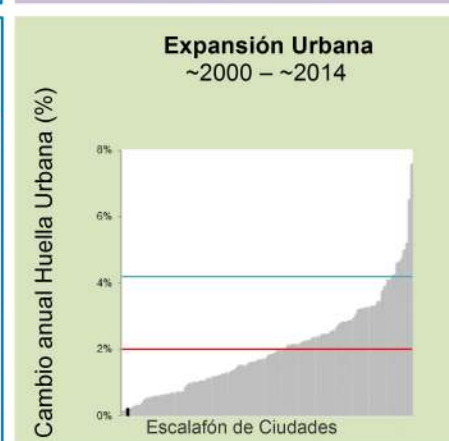


**Legenda**

- Duitama |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



| Métrica                             | Dic 1989 | Ene 2002 | Dic 2014 | Cambio Anual % ('02-'14) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 51,234   | 81,466   | 87,337   | 0.5                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 590.7    | 980.6    | 1,048.2  | 0.5                      |
| Urbana                              | 381.2    | 740.8    | 818.4    | 0.8                      |
| Suburbana                           | 191.1    | 220.3    | 210.7    | -0.3                     |
| Rural                               | 18.4     | 19.5     | 19.2     | -0.1                     |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 455      | 614      | 593      | -0.3                     |
| Huella Urbana                       | 1,046    | 1,595    | 1,641    | 0.2                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 86.7     | 83.1     | 83.3     | 0.0                      |
| Densidad de la Huella Urbana        | 49.0     | 51.1     | 53.2     | 0.3                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.56     | 0.61     | 0.64     | 0.3                      |
| Índice de Apertura                  | 0.40     | 0.33     | 0.30     | -0.6                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.91     | 0.96     | 0.96     | -0.0                     |
| Cohesión                            | 0.91     | 0.96     | 0.95     | -0.0                     |
| Área Agregada (Hectáreas)           | '89-'02  | Porción  | '02-'14  | Porción                  |
| Relleno                             | 154.62   | 39.65%   | 48.06    | 71.73%                   |
| Extensión                           | 123.84   | 31.76%   | 14.4     | 21.49%                   |
| Crecimiento Discontinuo             | 49.5     | 12.69%   | 0.54     | 0.81%                    |
| Inclusión                           | 62.0     | 15.9%    | 4.0      | 5.97%                    |

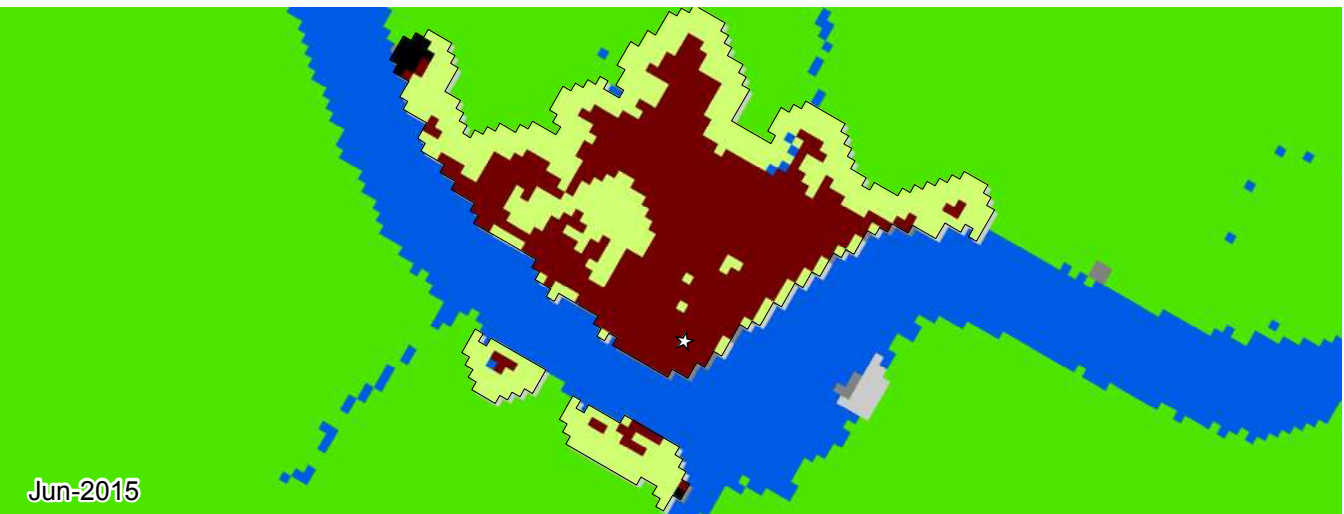




Jun-1991



Feb-1998



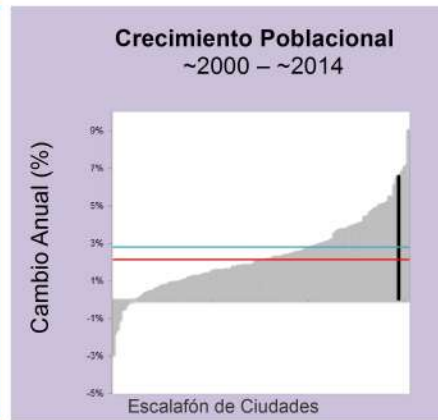
Jun-2015



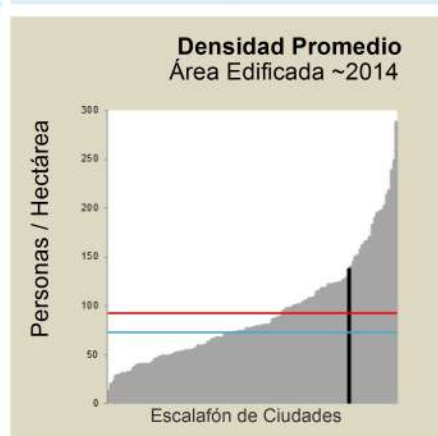
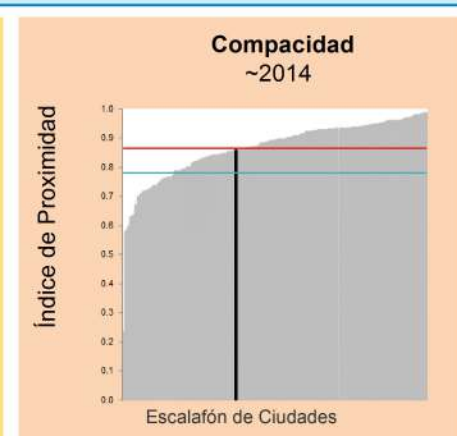
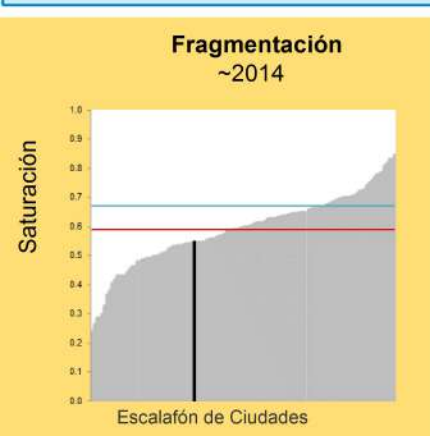
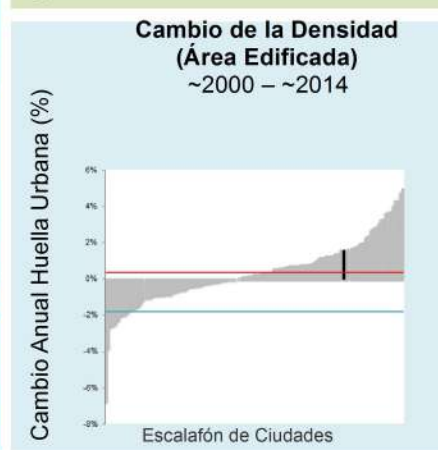
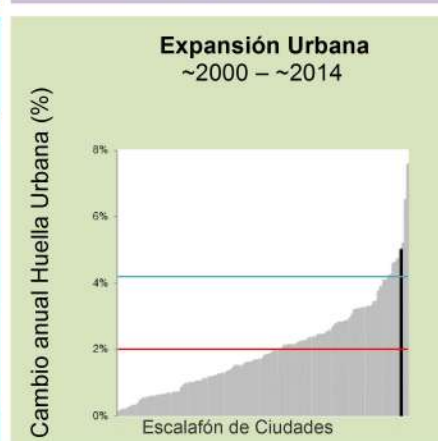


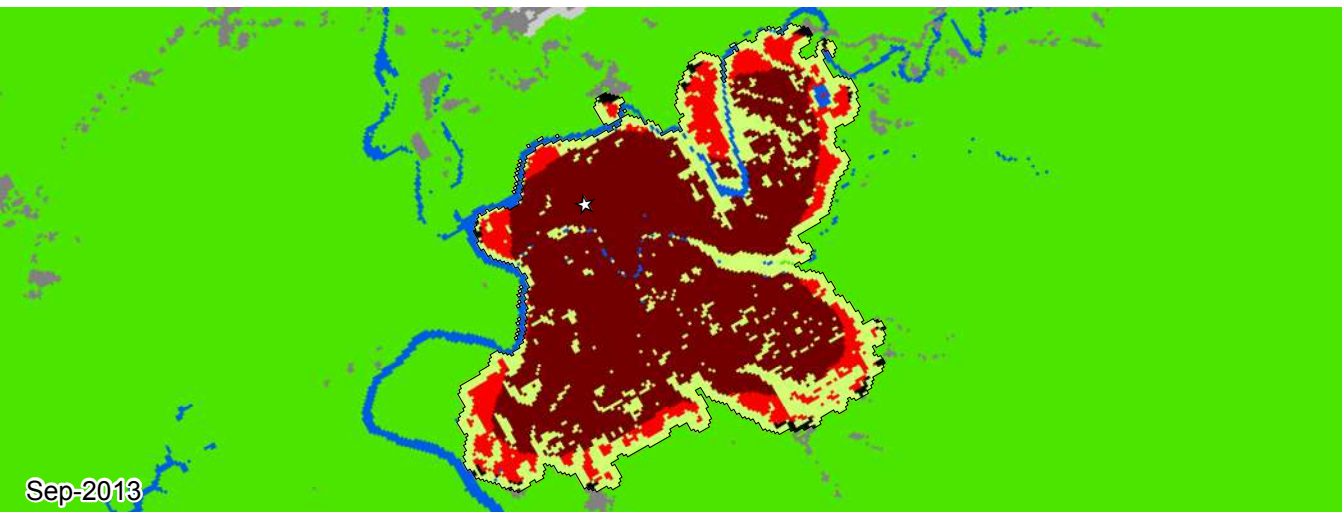
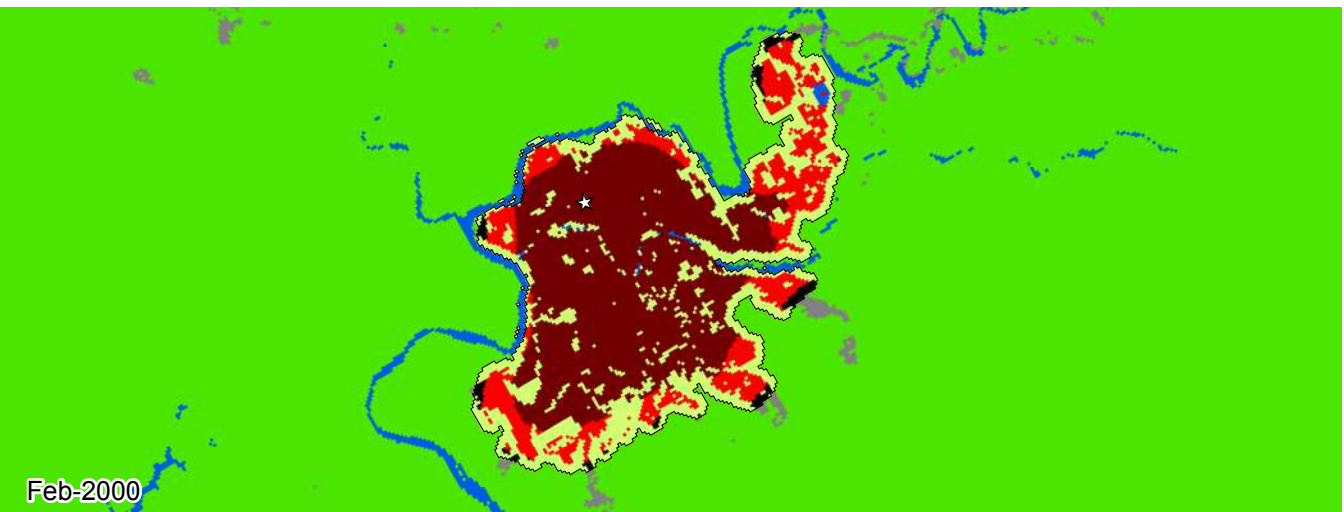
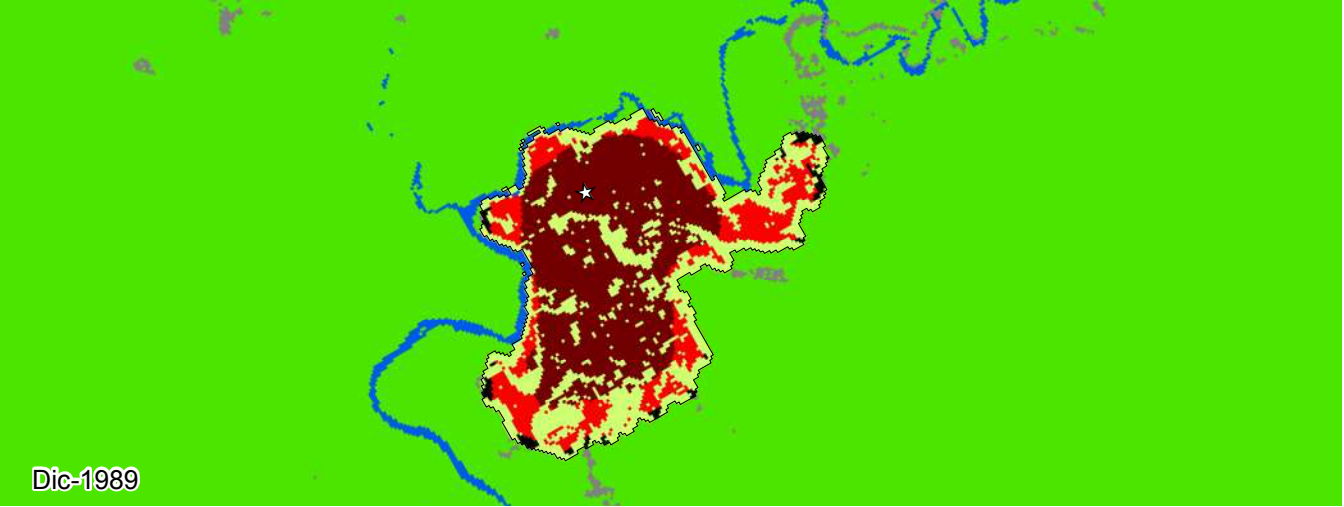
**Legenda**

- El Charco |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —

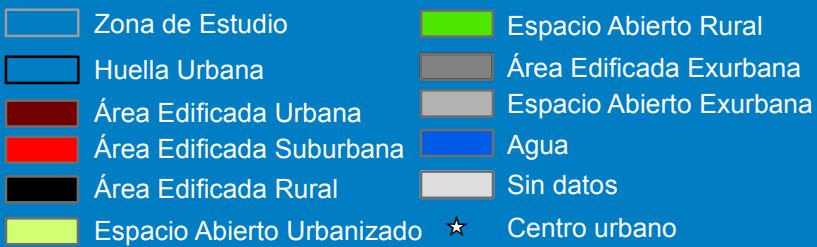


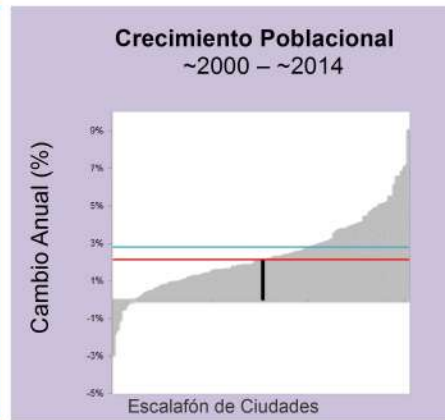
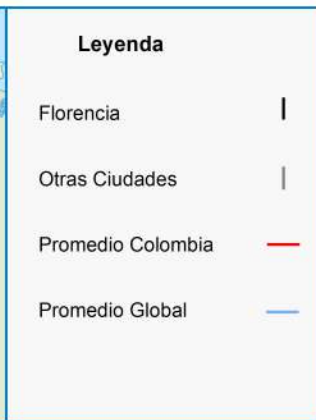
| Métrica                             | Jun 1991 | Feb 1998 | Jun 2015 | Cambio Anual % ('98-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 3,839    | 5,147    | 16,080   | 6.6                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 11.8     | 20.6     | 64.3     | 6.6                      |
| Urbana                              | 11.0     | 20.6     | 63.0     | 6.4                      |
| Suburbana                           | 0.0      | 0.0      | 0.0      | 0.0                      |
| Rural                               | 0.8      | 0.0      | 1.3      | 0.0                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 20       | 28       | 53       | 3.5                      |
| Huella Urbana                       | 32       | 49       | 117      | 5.0                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 325.6    | 249.7    | 250.2    | 0.0                      |
| Densidad de la Huella Urbana        | 117.5    | 104.4    | 137.1    | 1.6                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.36     | 0.42     | 0.55     | 1.6                      |
| Índice de Apertura                  | 0.90     | 0.84     | 0.62     | -1.8                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.71     | 0.79     | 0.86     | 0.5                      |
| Cohesión                            | 0.70     | 0.77     | 0.83     | 0.4                      |
| Área Agregada (Hectáreas)           | '91-'98  | Porción  | '98-'15  | Porción                  |
| Relleno                             | 2.07     | 13.08%   | 5.49     | 12.68%                   |
| Extensión                           | 6.75     | 42.67%   | 33.03    | 76.26%                   |
| Crecimiento Discontinuo             | 0.0      | 0.0%     | 2.79     | 6.44%                    |
| Inclusión                           | 7.0      | 44.25%   | 2.0      | 4.62%                    |



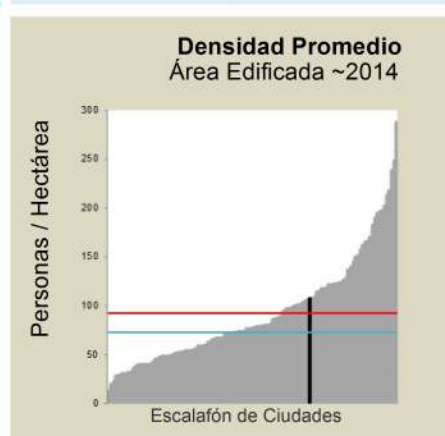
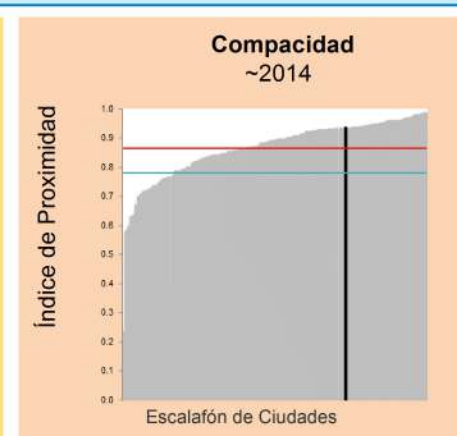
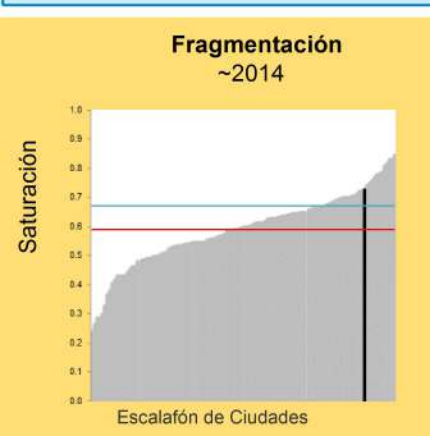
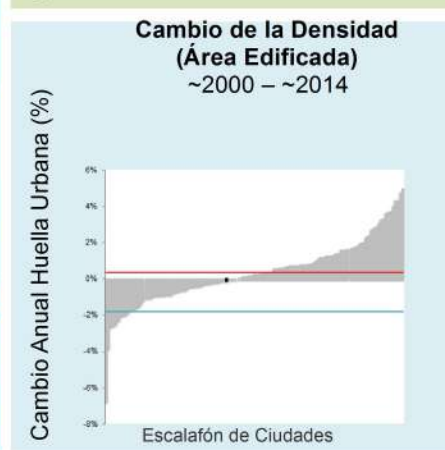
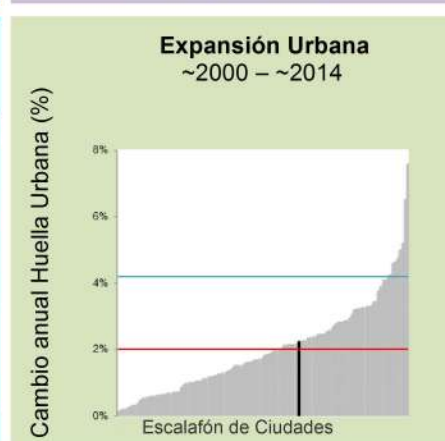


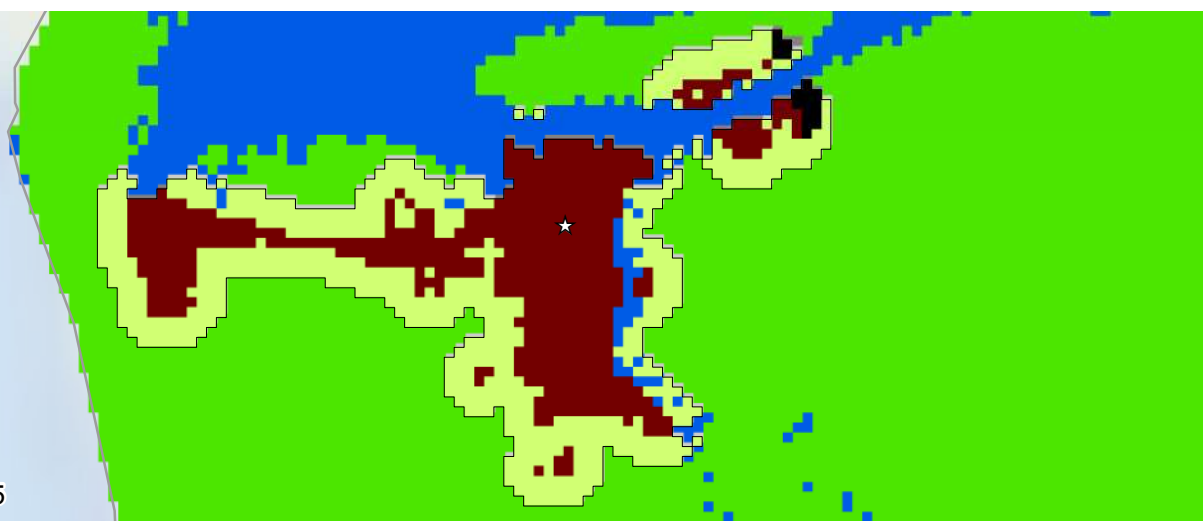
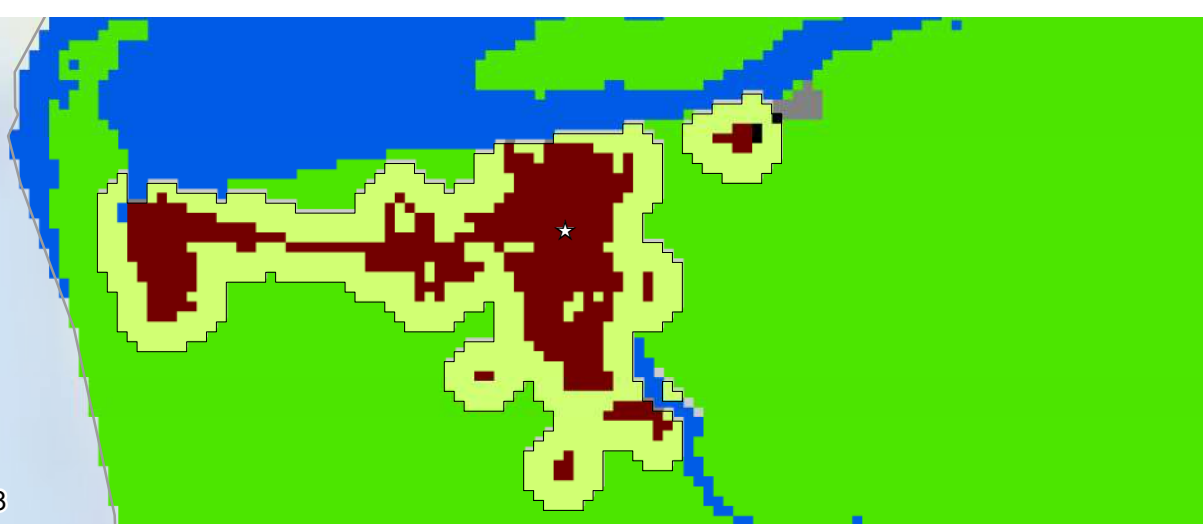
### Florencia, Caquetá 1989-2013

















| Métrica                             | Dic 1989 | Feb 2000 | Sep 2013 | Cambio Anual % ('00-'13) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 75,196   | 101,235  | 135,123  | 2.1                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 459.5    | 643.9    | 914.8    | 2.6                      |
| Urbana                              | 323.0    | 472.0    | 752.8    | 3.4                      |
| Suburbana                           | 122.9    | 155.3    | 150.7    | -0.2                     |
| Rural                               | 13.6     | 16.6     | 11.4     | -2.8                     |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 242      | 284      | 340      | 1.3                      |
| Huella Urbana                       | 701      | 928      | 1,255    | 2.2                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 163.6    | 157.2    | 147.7    | -0.5                     |
| Densidad de la Huella Urbana        | 107.1    | 109.0    | 107.6    | -0.1                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.65     | 0.69     | 0.73     | 0.4                      |
| Índice de Apertura                  | 0.39     | 0.34     | 0.29     | -1.1                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.90     | 0.90     | 0.94     | 0.3                      |
| Cohesión                            | 0.89     | 0.89     | 0.93     | 0.3                      |
| Área Agregada (Hectáreas)           | '89-'00  | Porción  | '00-'13  | Porción                  |
| Relleno                             | 51.84    | 28.2%    | 71.37    | 26.4%                    |
| Extensión                           | 79.29    | 43.14%   | 129.24   | 47.81%                   |
| Crecimiento Discontinuo             | 31.68    | 17.24%   | 46.71    | 17.28%                   |
| Inclusión                           | 21.0     | 11.42%   | 23.0     | 8.51%                    |





Francisco Pizarro, Nariño  
1991-2015

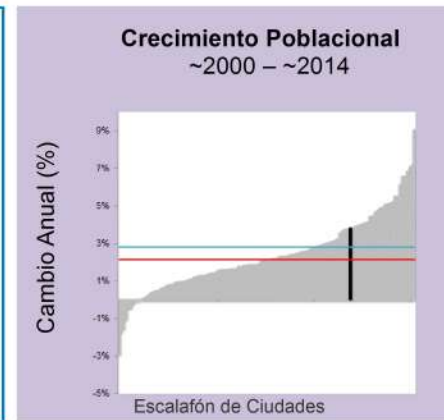


- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |  | Centro urbano            |

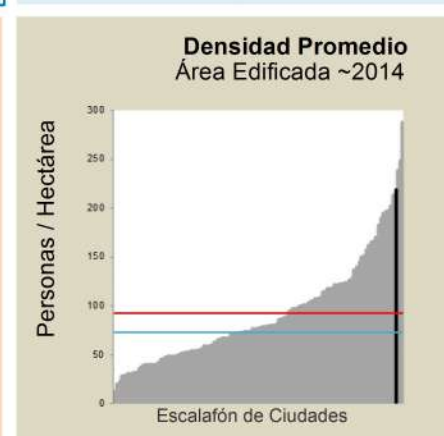
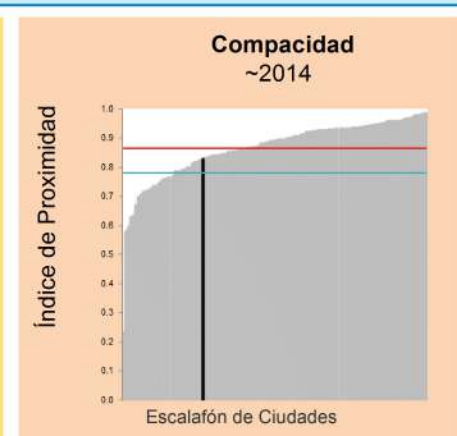
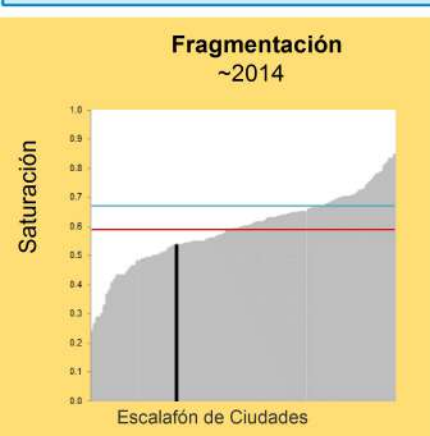
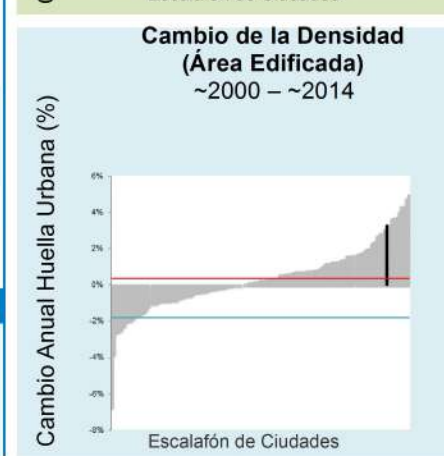
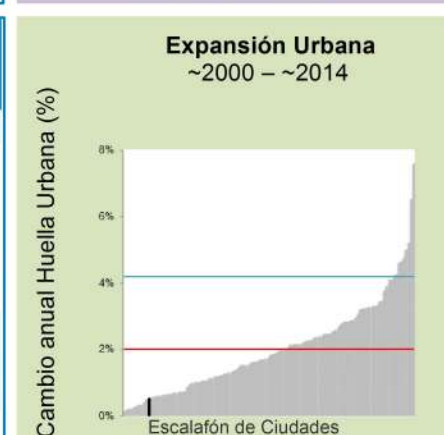


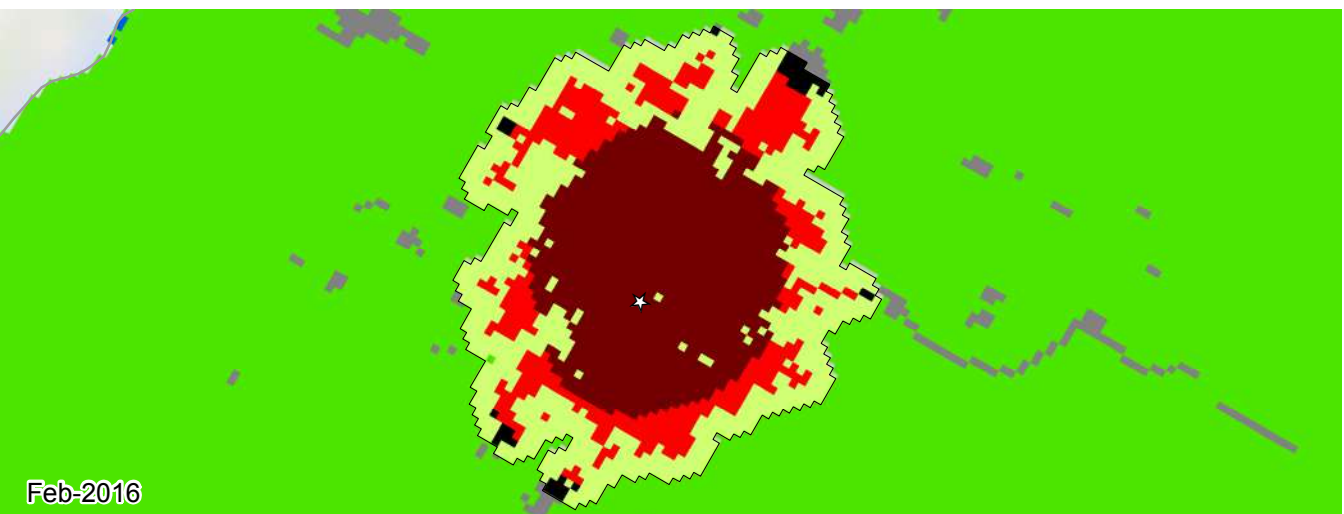
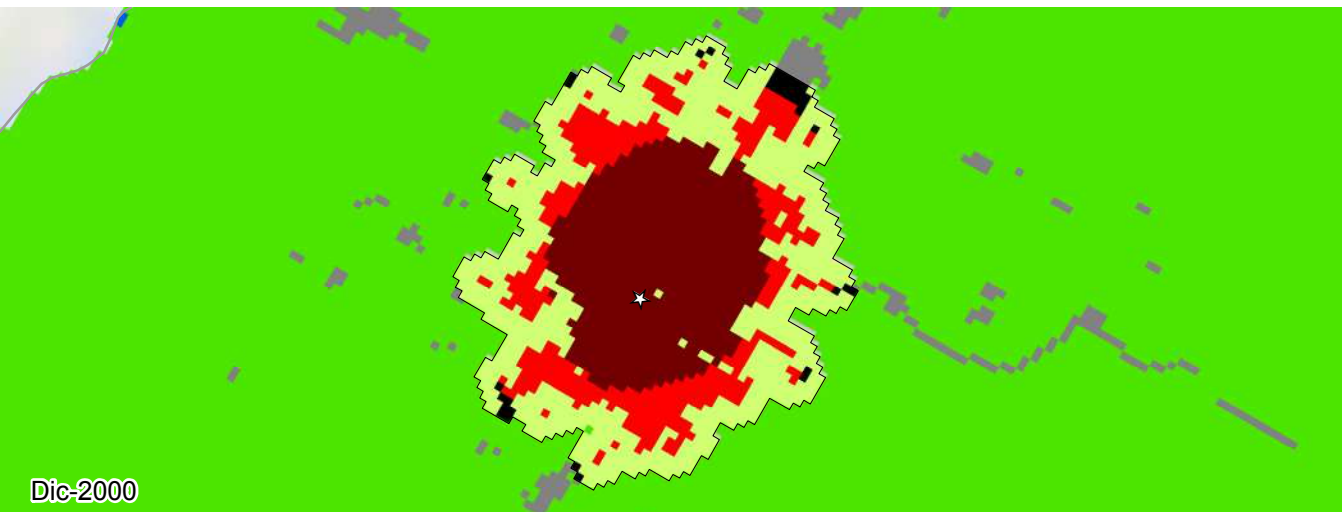
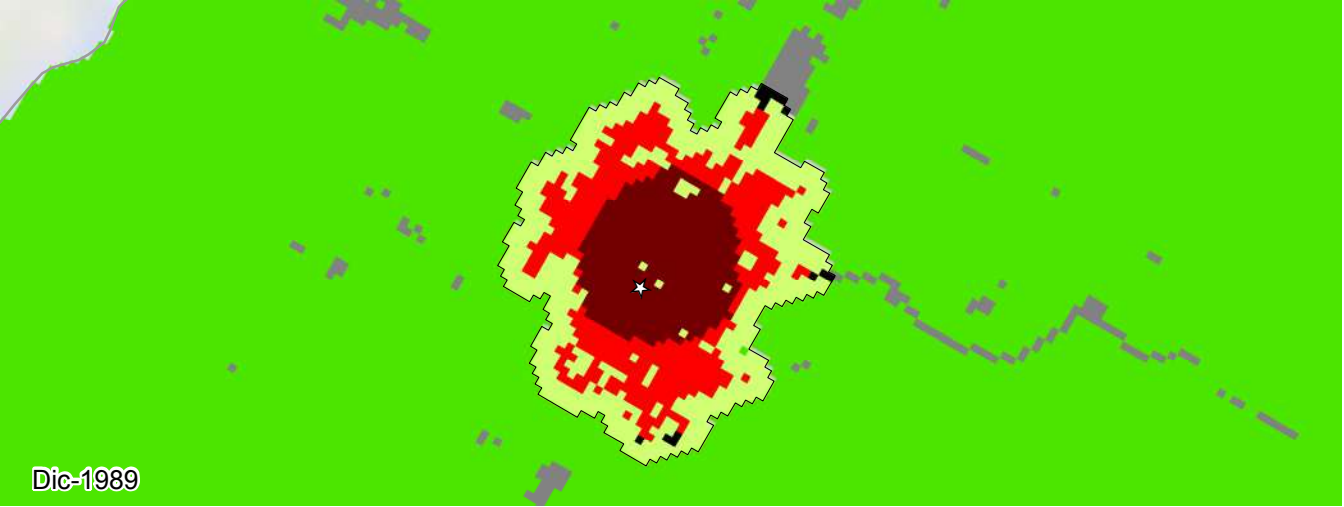
**Legenda**

- Francisco Pizarro |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —















| Métrica                             | Jun 1991 | Feb 1998 | Jun 2015 | Cambio Anual % ('98-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 4,720    | 10,874   | 20,910   | 3.8                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 25.1     | 38.3     | 51.1     | 1.7                      |
| Urbana                              | 24.8     | 37.4     | 48.8     | 1.5                      |
| Suburbana                           | 0.0      | 0.0      | 0.0      | 0.0                      |
| Rural                               | 0.3      | 0.9      | 2.3      | 5.5                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 36       | 48       | 44       | -0.6                     |
| Huella Urbana                       | 61       | 87       | 95       | 0.5                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 188.0    | 283.6    | 409.0    | 2.1                      |
| Densidad de la Huella Urbana        | 77.0     | 124.6    | 218.8    | 3.3                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.41     | 0.44     | 0.53     | 1.1                      |
| Índice de Apertura                  | 0.78     | 0.71     | 0.67     | -0.4                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.93     | 0.86     | 0.83     | -0.2                     |
| Cohesión                            | 0.91     | 0.84     | 0.80     | -0.3                     |
| Área Agregada (Hectáreas)           | '91-'98  | Porción  | '98-'15  | Porción                  |
| Relleno                             | 5.49     | 42.04%   | 5.85     | 47.41%                   |
| Extensión                           | 4.68     | 35.83%   | 3.87     | 31.36%                   |
| Crecimiento Discontinuo             | 1.89     | 14.47%   | 1.62     | 13.13%                   |
| Inclusión                           | 1.0      | 7.66%    | 1.0      | 8.1%                     |





Garagoa, Boyacá  
1989-2016

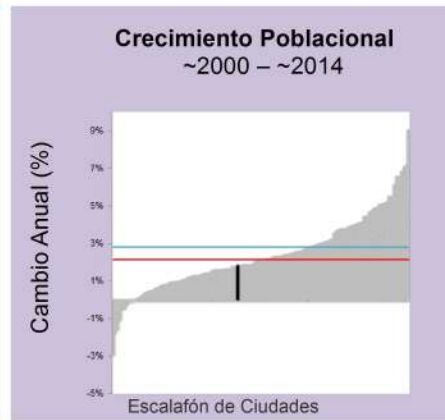


- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |   | Centro urbano            |

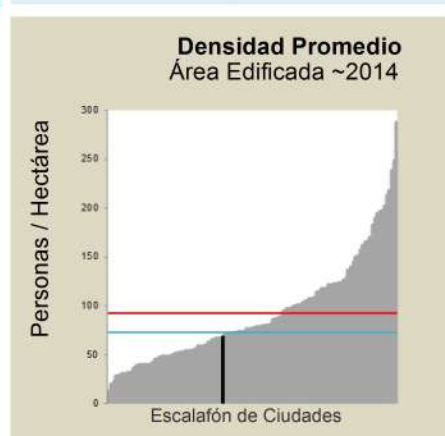
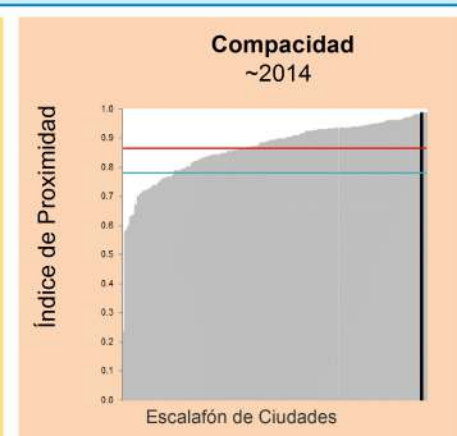
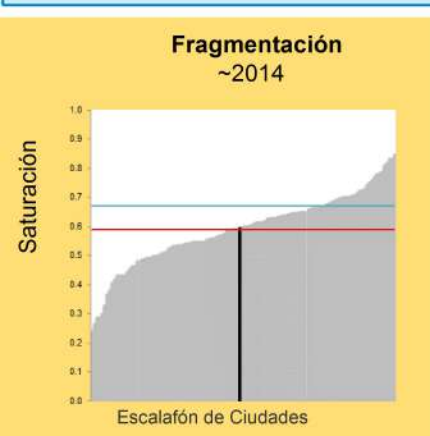
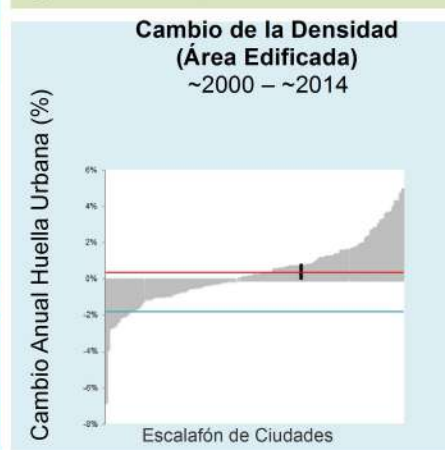
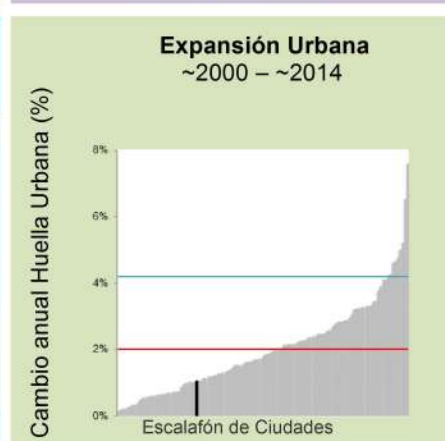


**Legenda**

- Garagoa |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —

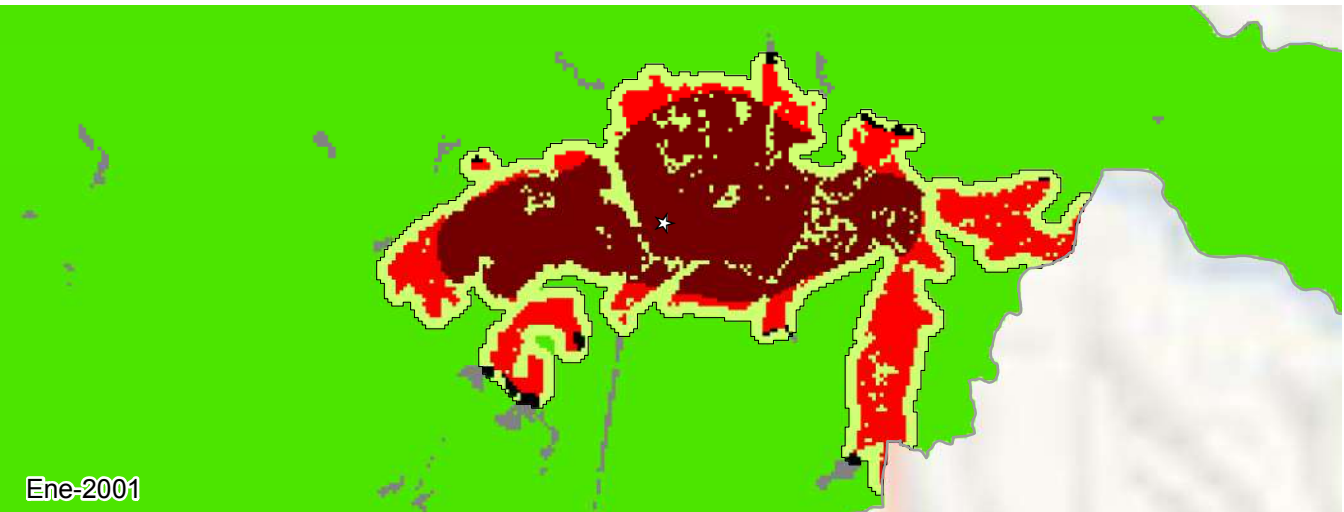


| Métrica                             | Dic 1989 | Dic 2000 | Feb 2016 | Cambio Anual % ('00-'16) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 8,465    | 11,492   | 15,122   | 1.8                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 73.8     | 105.2    | 131.6    | 1.5                      |
| Urbana                              | 33.7     | 63.9     | 86.4     | 2.0                      |
| Suburbana                           | 38.8     | 37.9     | 41.5     | 0.6                      |
| Rural                               | 1.4      | 3.4      | 3.7      | 0.5                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 57       | 83       | 89       | 0.5                      |
| Huella Urbana                       | 130      | 188      | 221      | 1.0                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 114.7    | 109.2    | 114.9    | 0.3                      |
| Densidad de la Huella Urbana        | 64.6     | 60.8     | 68.3     | 0.8                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.56     | 0.56     | 0.59     | 0.4                      |
| Índice de Apertura                  | 0.51     | 0.45     | 0.42     | -0.5                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.98     | 0.99     | 0.98     | -0.0                     |
| Cohesión                            | 0.97     | 0.98     | 0.98     | -0.0                     |
| Área Agregada (Hectáreas)           | '89-'00  | Porción  | '00-'16  | Porción                  |
| Relleno                             | 9.18     | 29.37%   | 11.61    | 44.59%                   |
| Extensión                           | 17.37    | 55.57%   | 11.43    | 43.89%                   |
| Crecimiento Discontinuo             | 1.71     | 5.47%    | 0.0      | 0.0%                     |
| Inclusión                           | 3.0      | 9.6%     | 3.0      | 11.52%                   |

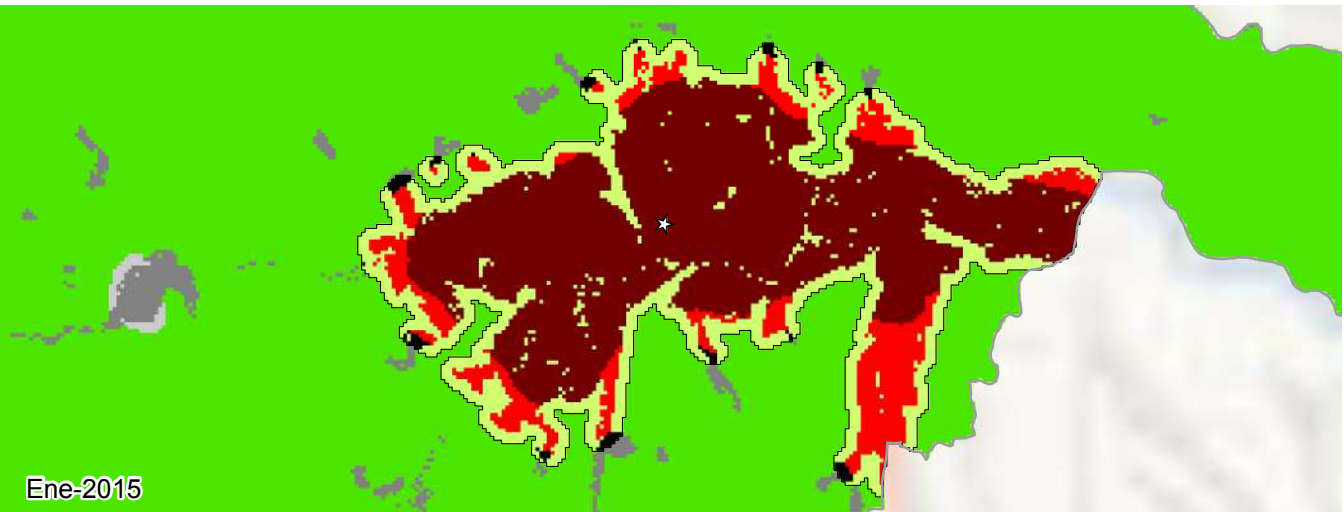




Jun-1991



Ene-2001



Ene-2015

### Girón, Santander 1991-2015

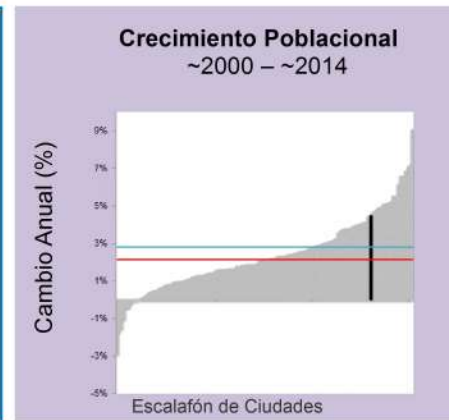


- |                            |                          |
|----------------------------|--------------------------|
| Zona de Estudio            | Espacio Abierto Rural    |
| Huella Urbana              | Área Edificada Exurbana  |
| Área Edificada Urbana      | Espacio Abierto Exurbana |
| Área Edificada Suburbana   | Agua                     |
| Área Edificada Rural       | Sin datos                |
| Espacio Abierto Urbanizado | Centro urbano            |

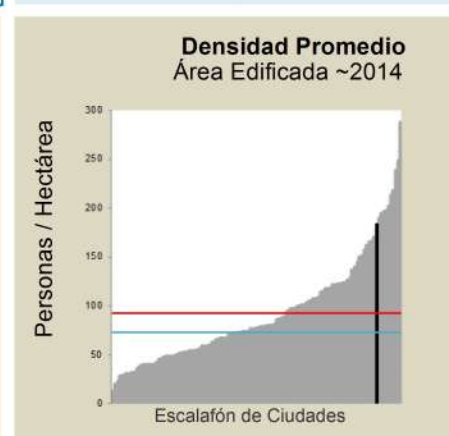
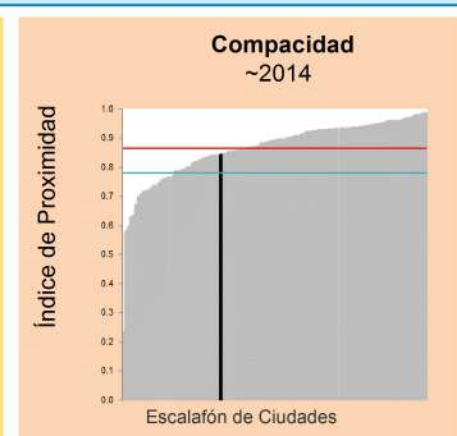
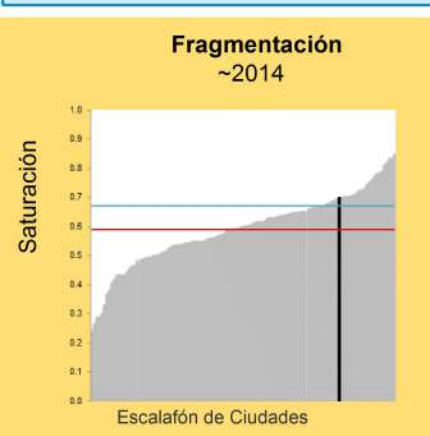
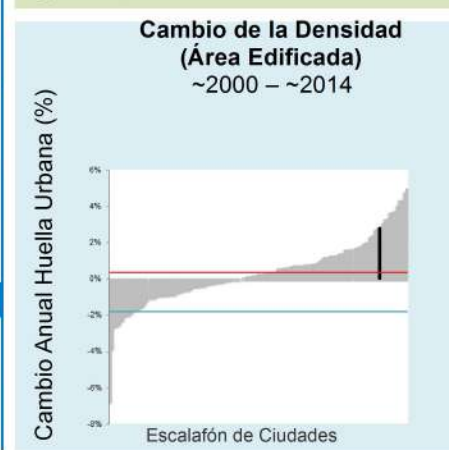
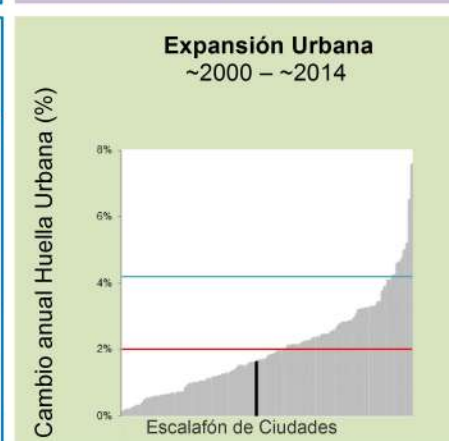


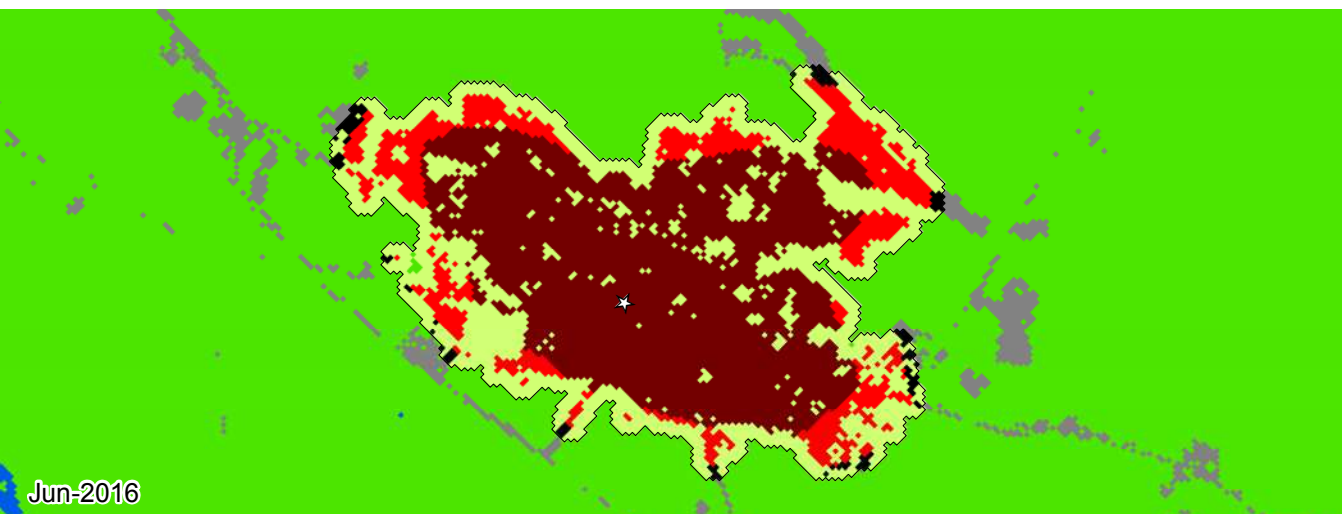
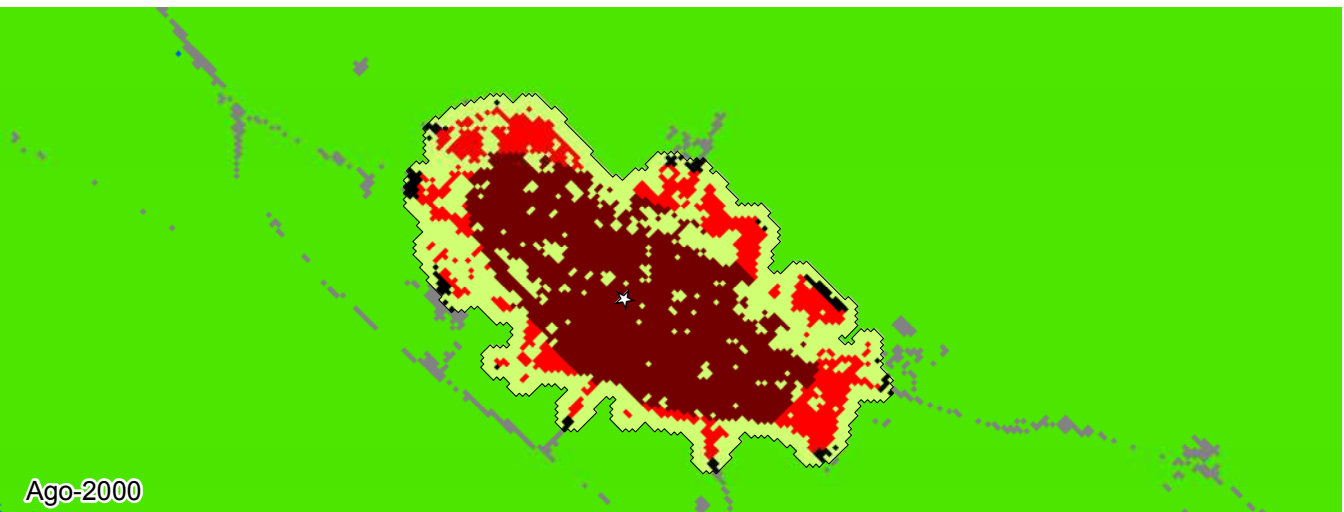
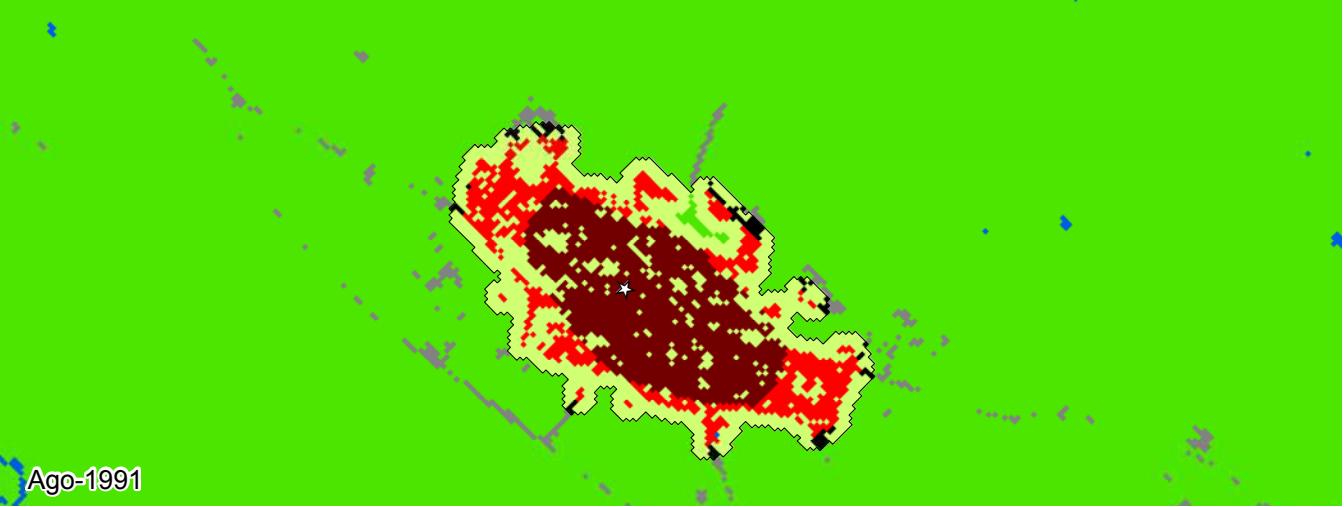
**Legenda**

- Girón |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —















| Métrica                             | Jun 1991 | Ene 2001 | Ene 2015 | Cambio Anual % ('01-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 61,865   | 98,429   | 183,537  | 4.5                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 346.1    | 525.5    | 698.7    | 2.0                      |
| Urbana                              | 179.4    | 344.3    | 532.8    | 3.1                      |
| Suburbana                           | 157.8    | 174.2    | 154.1    | -0.9                     |
| Rural                               | 8.9      | 7.1      | 11.8     | 3.6                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 210      | 273      | 303      | 0.8                      |
| Huella Urbana                       | 556      | 799      | 1,002    | 1.6                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 178.8    | 187.3    | 262.7    | 2.4                      |
| Densidad de la Huella Urbana        | 111.2    | 123.2    | 183.1    | 2.8                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.62     | 0.66     | 0.70     | 0.4                      |
| Índice de Apertura                  | 0.48     | 0.40     | 0.35     | -1.0                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.74     | 0.81     | 0.84     | 0.3                      |
| Cohesión                            | 0.74     | 0.80     | 0.84     | 0.3                      |
| Área Agregada (Hectáreas)           | '91-'01  | Porción  | '01-'15  | Porción                  |
| Relleno                             | 18.18    | 10.18%   | 34.83    | 20.17%                   |
| Extensión                           | 138.87   | 77.77%   | 114.57   | 66.34%                   |
| Crecimiento Discontinuo             | 3.51     | 1.97%    | 5.31     | 3.07%                    |
| Inclusión                           | 18.0     | 10.08%   | 18.0     | 10.42%                   |





Granada, Meta  
1991-2016

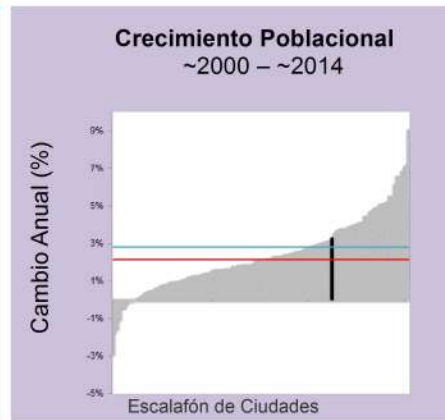


- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |  | Centro urbano            |

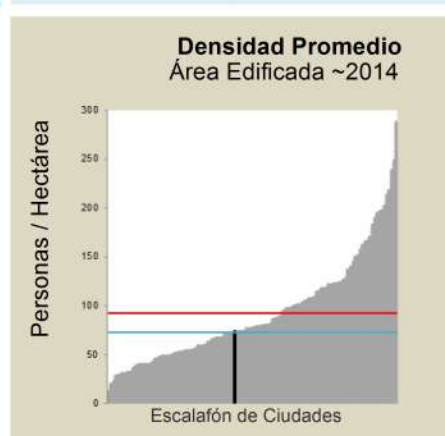
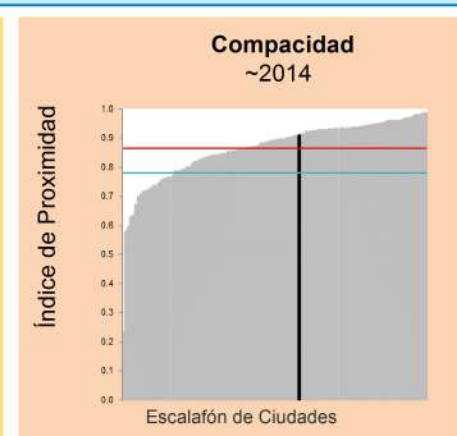
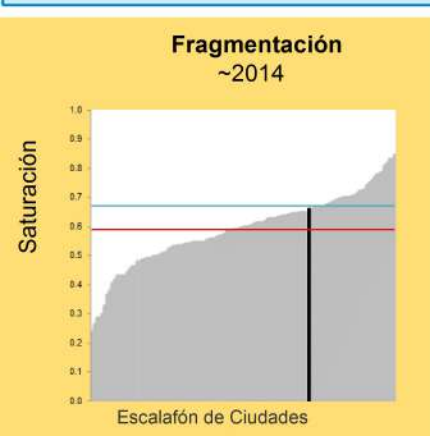
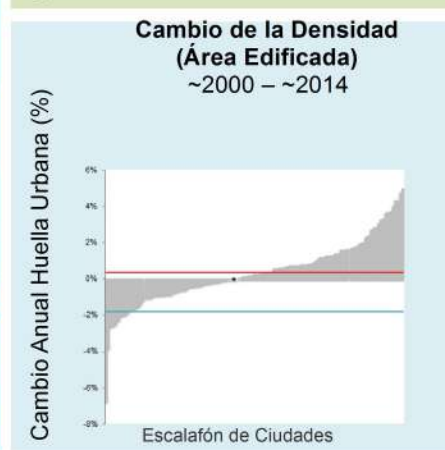
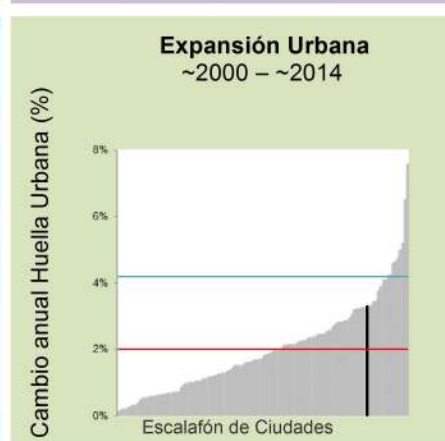


**Legenda**

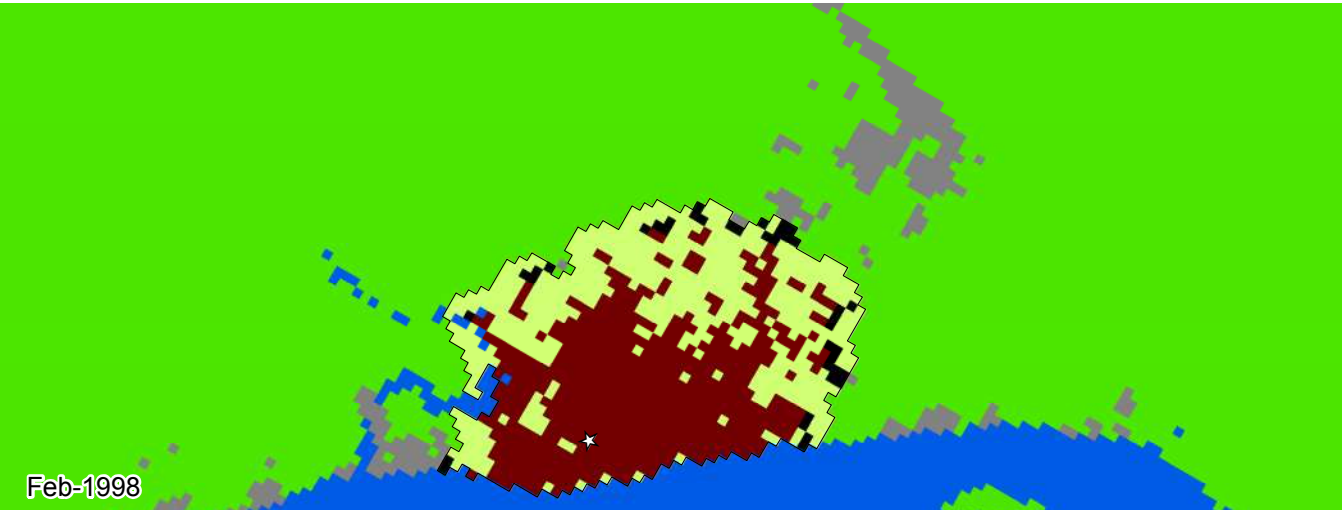
- Granada |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



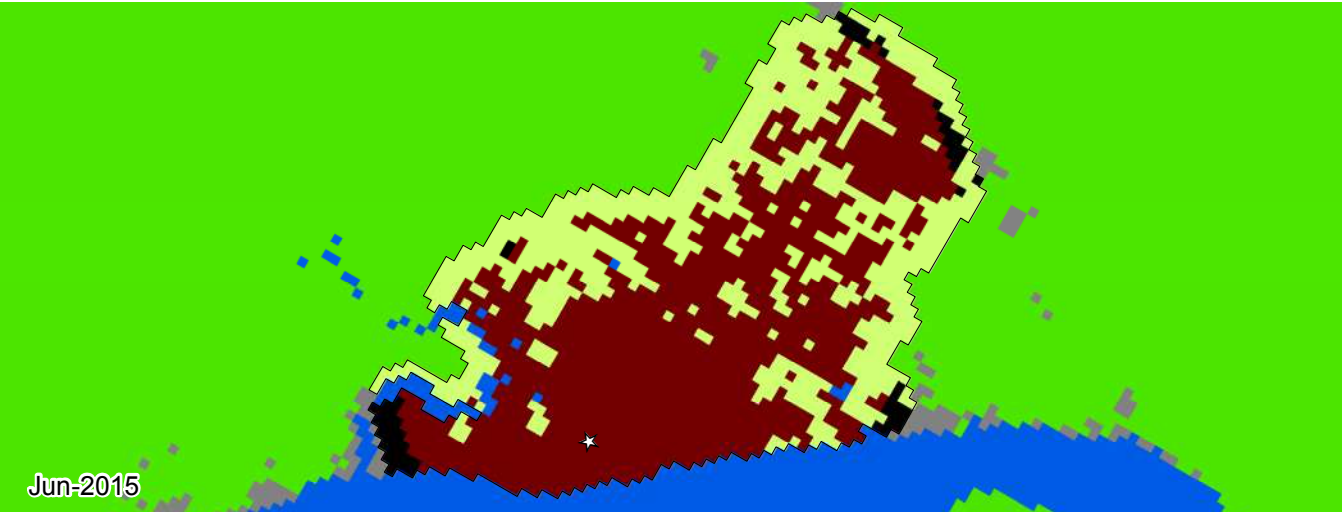
| Métrica                             | Dic 1989 | Mar 2001 | Ene 2014 | Cambio Anual % ('01-'14) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 23,087   | 34,603   | 52,536   | 3.3                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 199.2    | 285.7    | 470.3    | 3.9                      |
| Urbana                              | 122.0    | 201.2    | 355.1    | 4.4                      |
| Suburbana                           | 69.4     | 75.3     | 103.7    | 2.5                      |
| Rural                               | 7.7      | 9.2      | 11.5     | 1.8                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 153      | 180      | 241      | 2.3                      |
| Huella Urbana                       | 352      | 466      | 711      | 3.3                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 115.9    | 121.1    | 111.7    | -0.6                     |
| Densidad de la Huella Urbana        | 65.4     | 74.2     | 73.8     | -0.0                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.56     | 0.61     | 0.66     | 0.6                      |
| Índice de Apertura                  | 0.46     | 0.39     | 0.35     | -1.0                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.92     | 0.91     | 0.91     | 0.0                      |
| Cohesión                            | 0.91     | 0.90     | 0.90     | 0.0                      |
| Área Agregada (Hectáreas)           | '89-'01  | Porción  | '01-'14  | Porción                  |
| Relleno                             | 34.11    | 39.68%   | 49.23    | 26.8%                    |
| Extensión                           | 37.98    | 44.18%   | 111.78   | 60.84%                   |
| Crecimiento Discontinuo             | 3.87     | 4.5%     | 10.71    | 5.83%                    |
| Inclusión                           | 10.0     | 11.63%   | 12.0     | 6.53%                    |



Jun-1991



Feb-1998















Jun-2015



### Guapi, Cauca 1991-2015

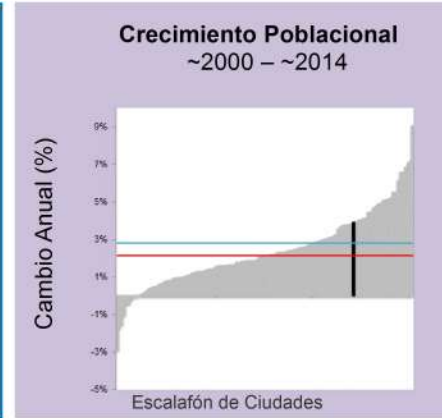


- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |  | Centro urbano            |

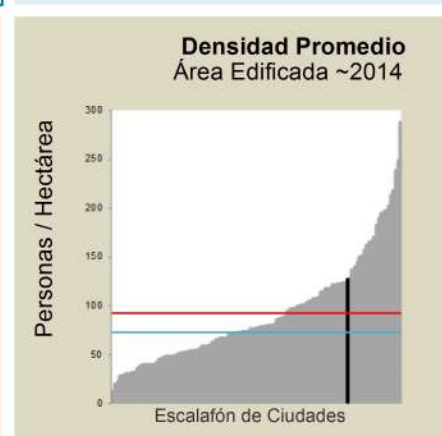
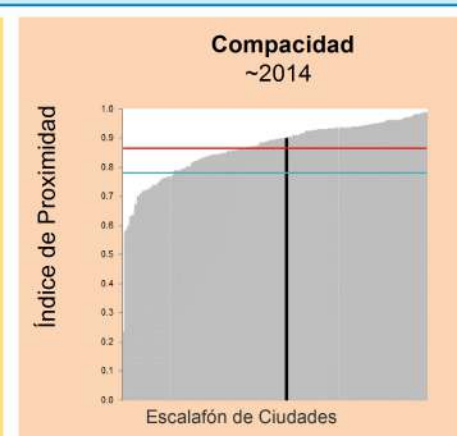
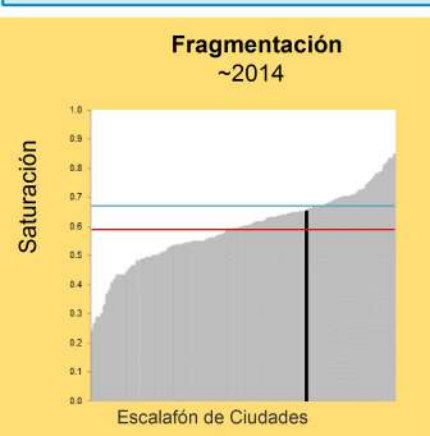
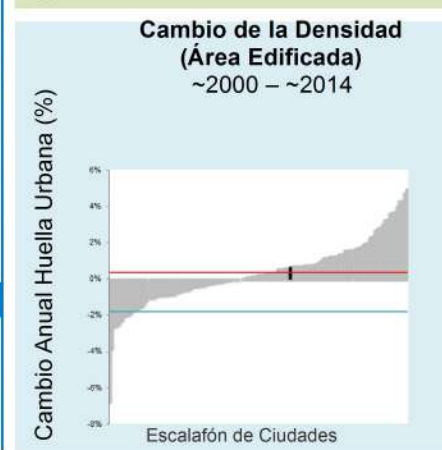
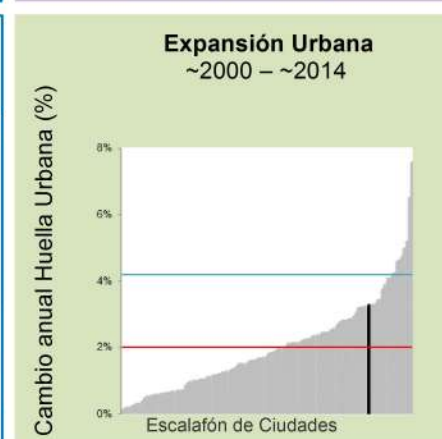


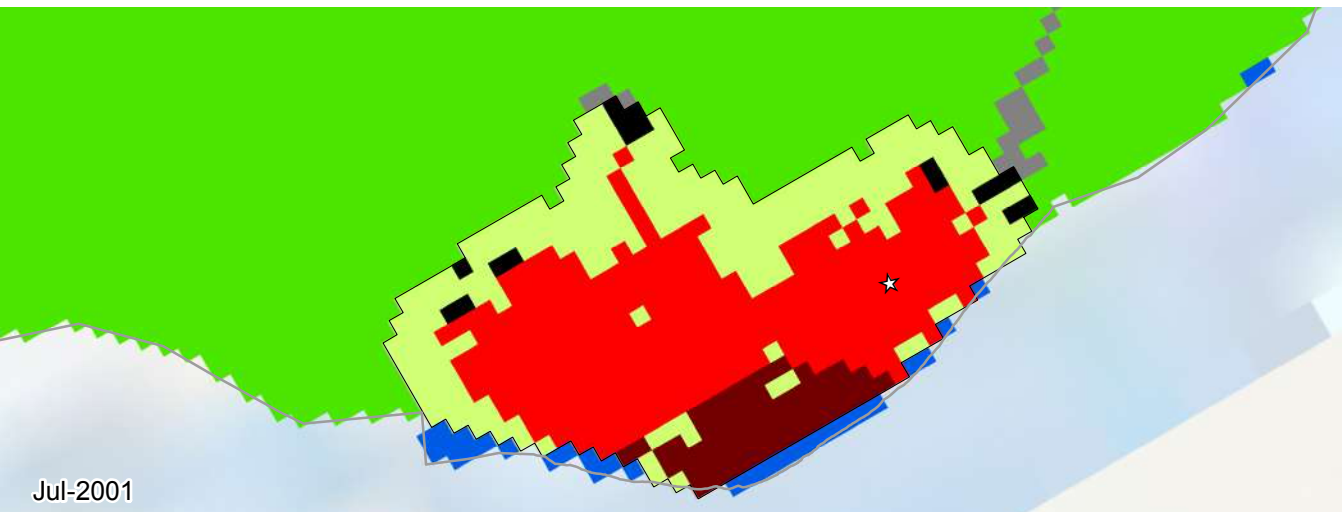
**Legenda**

- Guapi |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



| Métrica                             | Jun 1991 | Feb 1998 | Jun 2015 | Cambio Anual % ('98-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 8,207    | 12,274   | 24,128   | 3.9                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 28.8     | 59.8     | 123.8    | 4.2                      |
| Urbana                              | 0.0      | 4.9      | 66.4     | 15.1                     |
| Suburbana                           | 25.6     | 51.8     | 51.9     | 0.0                      |
| Rural                               | 3.1      | 3.1      | 5.4      | 3.3                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 18       | 47       | 66       | 1.9                      |
| Huella Urbana                       | 47       | 107      | 189      | 3.3                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 285.0    | 205.4    | 195.0    | -0.3                     |
| Densidad de la Huella Urbana        | 171.7    | 113.9    | 127.1    | 0.6                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.60     | 0.55     | 0.65     | 0.9                      |
| Índice de Apertura                  | 0.70     | 0.60     | 0.50     | -1.0                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.96     | 0.95     | 0.90     | -0.3                     |
| Cohesión                            | 0.94     | 0.94     | 0.89     | -0.3                     |
| Área Agregada (Hectáreas)           | '91-'98  | Porción  | '98-'15  | Porción                  |
| Relleno                             | 3.51     | 11.69%   | 17.91    | 28.34%                   |
| Extensión                           | 12.78    | 42.56%   | 21.42    | 33.89%                   |
| Crecimiento Discontinuo             | 7.74     | 25.77%   | 12.87    | 20.36%                   |
| Inclusión                           | 6.0      | 19.98%   | 11.0     | 17.41%                   |

















Guaranda, Sucre  
1987-2014

0 0.25 0.5 km

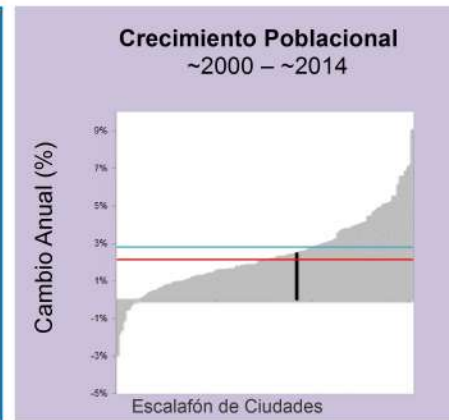


- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |  | Centro urbano            |

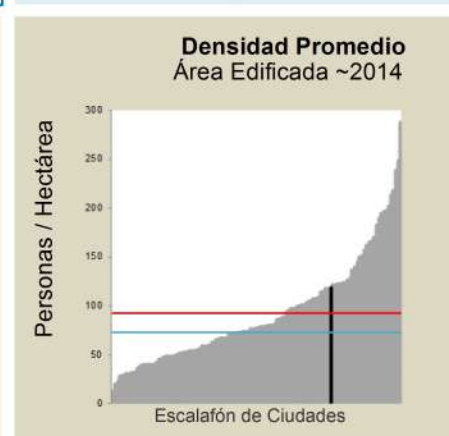
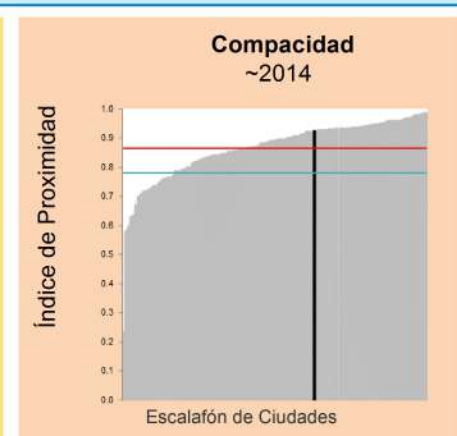
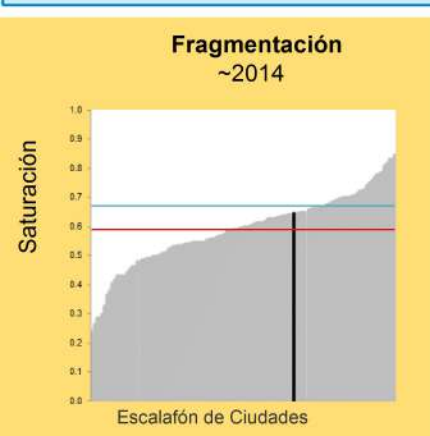
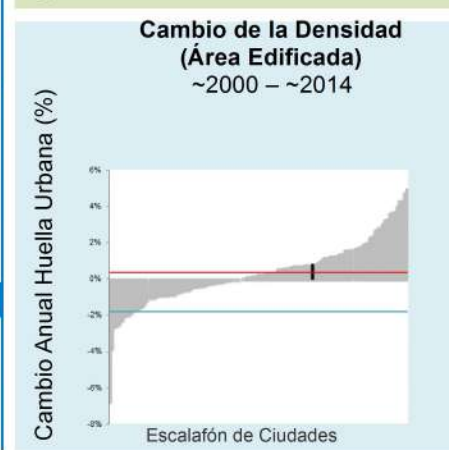
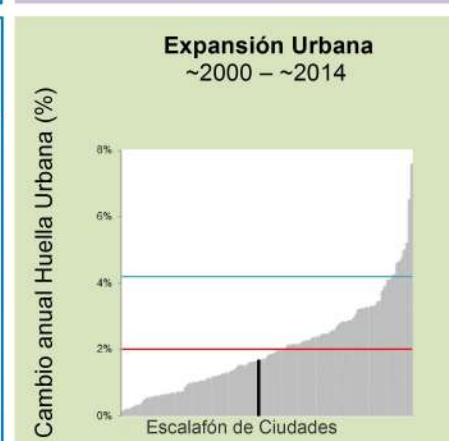


**Legenda**

- Guaranda |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



| Métrica                             | Ene 1987 | Jul 2001 | Jul 2014 | Cambio Anual % ('01-'14) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 1,891    | 5,631    | 7,757    | 2.5                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 14.0     | 32.8     | 42.1     | 1.9                      |
| Urbana                              | 0.0      | 5.1      | 15.9     | 8.7                      |
| Suburbana                           | 8.6      | 26.1     | 24.2     | -0.6                     |
| Rural                               | 5.4      | 1.5      | 2.0      | 2.0                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 6        | 19       | 22       | 1.2                      |
| Huella Urbana                       | 20       | 52       | 65       | 1.7                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 134.8    | 171.9    | 184.2    | 0.5                      |
| Densidad de la Huella Urbana        | 93.8     | 107.5    | 119.2    | 0.8                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.70     | 0.63     | 0.65     | 0.3                      |
| Índice de Apertura                  | 0.72     | 0.60     | 0.53     | -0.9                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.86     | 0.90     | 0.92     | 0.2                      |
| Cohesión                            | 0.83     | 0.88     | 0.91     | 0.2                      |
| Área Agregada (Hectáreas)           | '87-'01  | Porción  | '01-'14  | Porción                  |
| Relleno                             | 2.07     | 7.76%    | 2.79     | 10.16%                   |
| Extensión                           | 10.17    | 38.13%   | 4.95     | 18.03%                   |
| Crecimiento Discontinuo             | 2.43     | 9.11%    | 0.72     | 2.62%                    |
| Inclusión                           | 12.0     | 44.99%   | 19.0     | 69.19%                   |





Ene-1987



Feb-1998















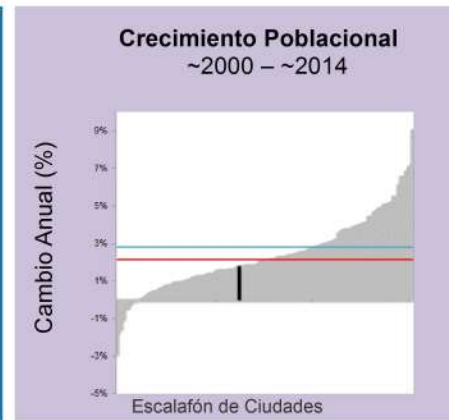
Nov-2013



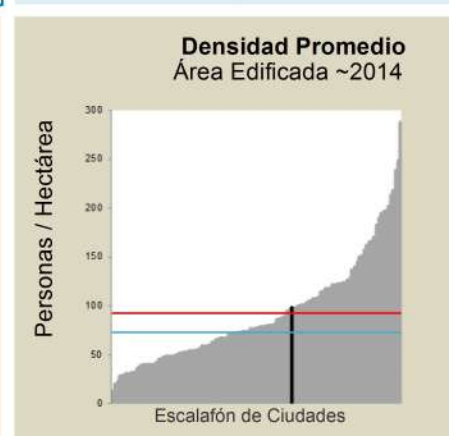
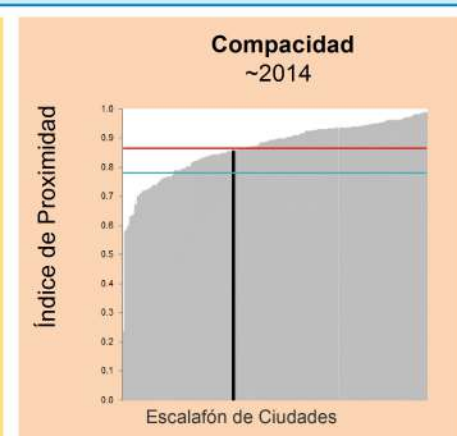
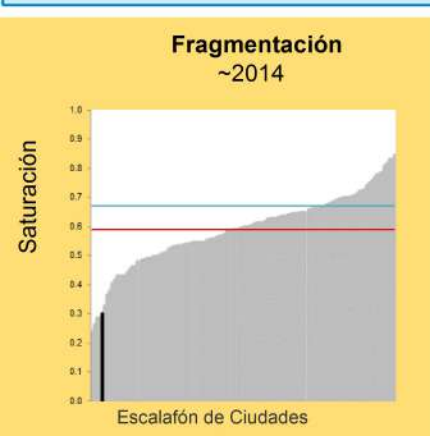
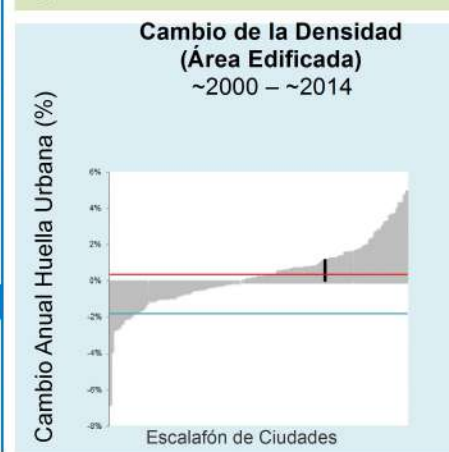
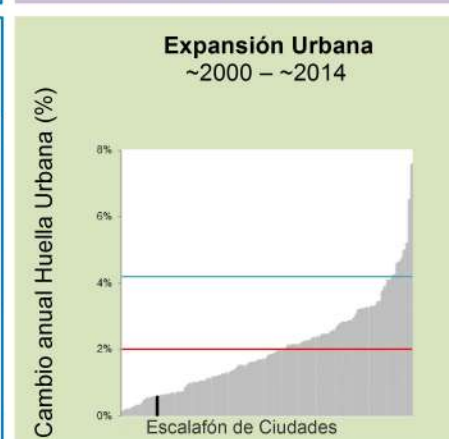
Iles, Nariño  
1987-2013

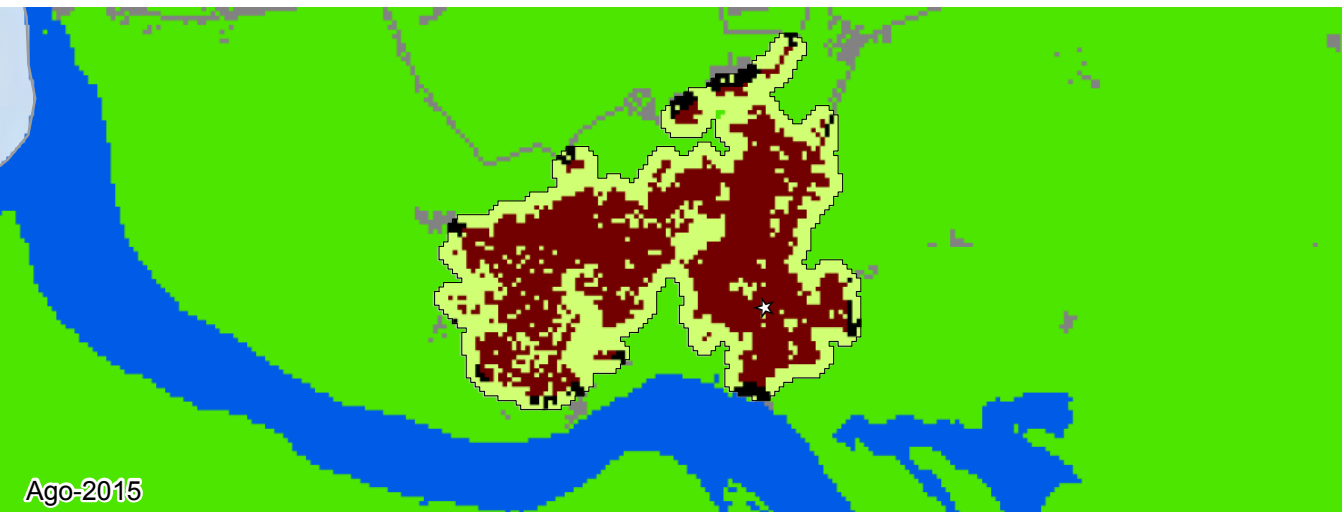
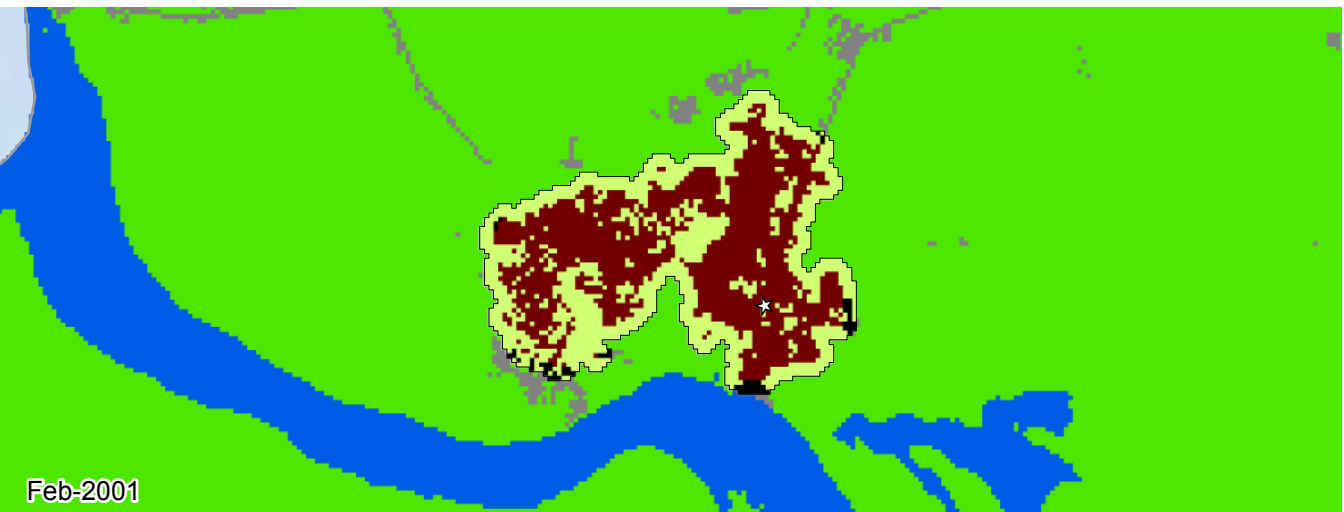


- |  |   |
|--|---|
|  Zona de Estudio            |  Espacio Abierto Rural    |
|  Huella Urbana              |  Área Edificada Exurbana  |
|  Área Edificada Urbana      |  Espacio Abierto Exurbana |
|  Área Edificada Suburbana   |  Agua                     |
|  Área Edificada Rural       |  Sin datos                |
|  Espacio Abierto Urbanizado |  Centro urbano             |















| Métrica                             | Ene 1987 | Feb 1998 | Nov 2013 | Cambio Anual % ('98-'13) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 2,941    | 4,682    | 6,171    | 1.8                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 9.5      | 17.9     | 18.9     | 0.3                      |
| Urbana                              | 9.5      | 17.7     | 18.4     | 0.3                      |
| Suburbana                           | 0.0      | 0.0      | 0.0      | 0.0                      |
| Rural                               | 0.0      | 0.2      | 0.5      | 5.8                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 29       | 39       | 44       | 0.7                      |
| Huella Urbana                       | 38       | 57       | 63       | 0.6                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 308.4    | 261.4    | 326.6    | 1.4                      |
| Densidad de la Huella Urbana        | 76.0     | 81.7     | 98.0     | 1.2                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.25     | 0.31     | 0.30     | -0.3                     |
| Índice de Apertura                  | 0.90     | 0.84     | 0.84     | -0.0                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.91     | 0.86     | 0.86     | -0.1                     |
| Cohesión                            | 0.88     | 0.84     | 0.83     | -0.1                     |
| Área Agregada (Hectáreas)           | '87-'98  | Porción  | '98-'13  | Porción                  |
| Relleno                             | 2.79     | 24.54%   | 0.18     | 9.05%                    |
| Extensión                           | 5.04     | 44.33%   | 0.81     | 40.7%                    |
| Crecimiento Discontinuo             | 0.54     | 4.75%    | 0.0      | 0.0%                     |
| Inclusión                           | 3.0      | 26.39%   | 1.0      | 50.25%                   |





### Inírida, Guainía 1989-2015

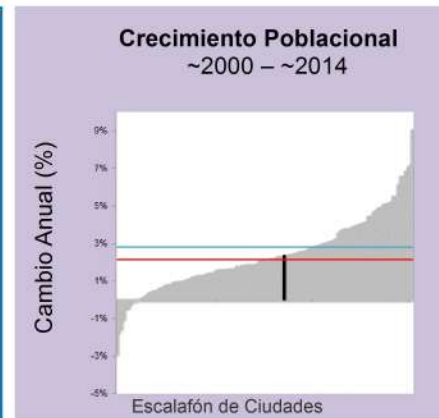


- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |   | Centro urbano            |

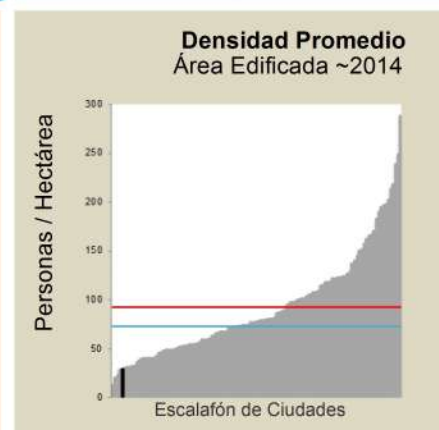
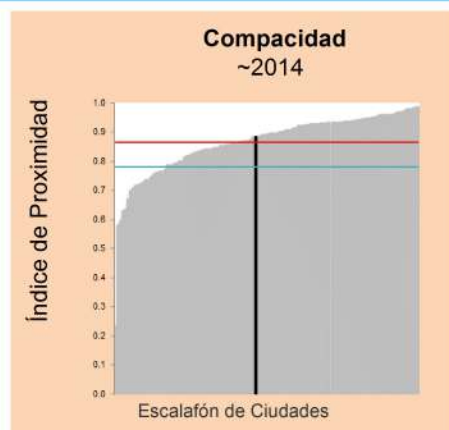
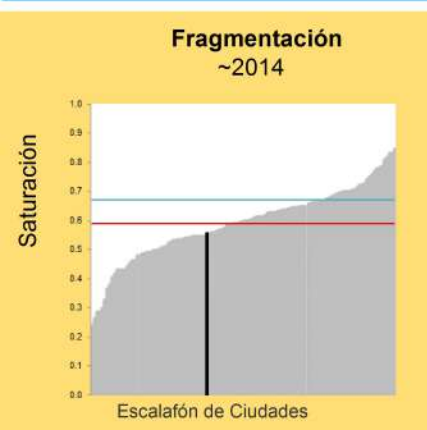
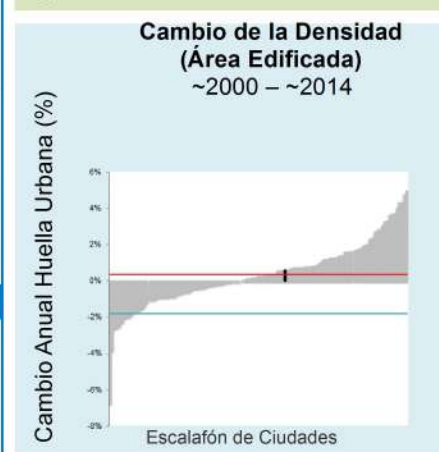
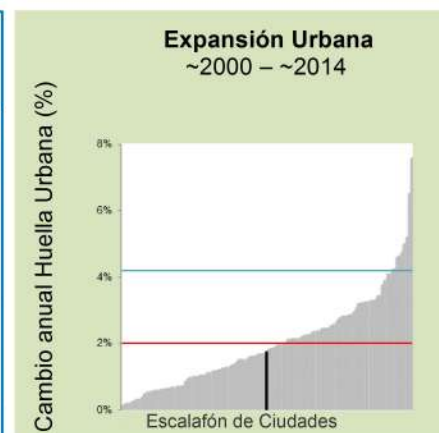


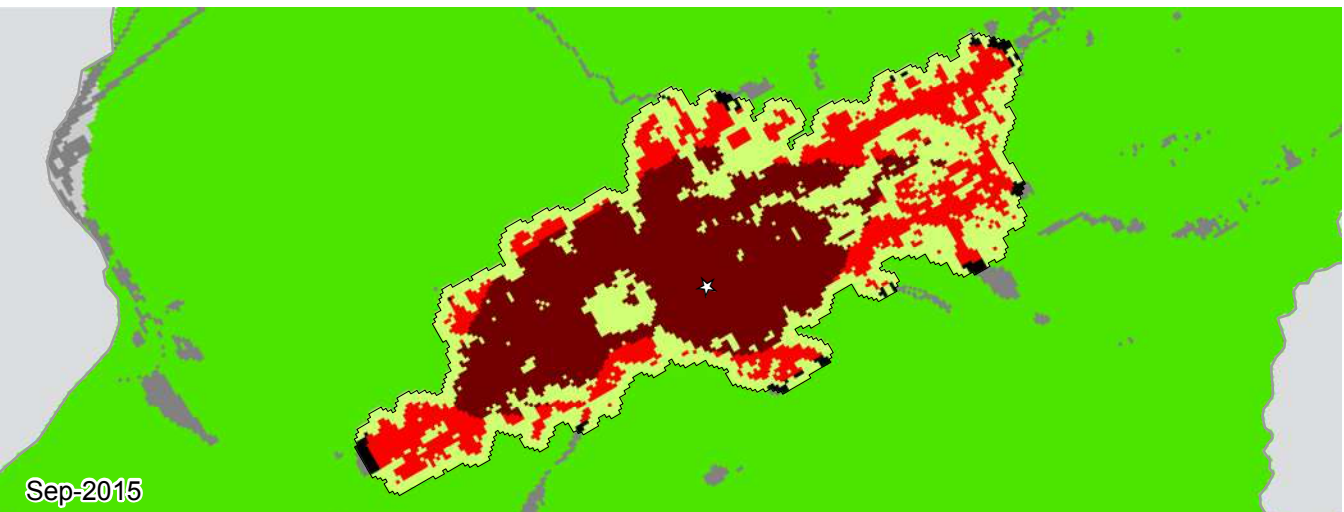
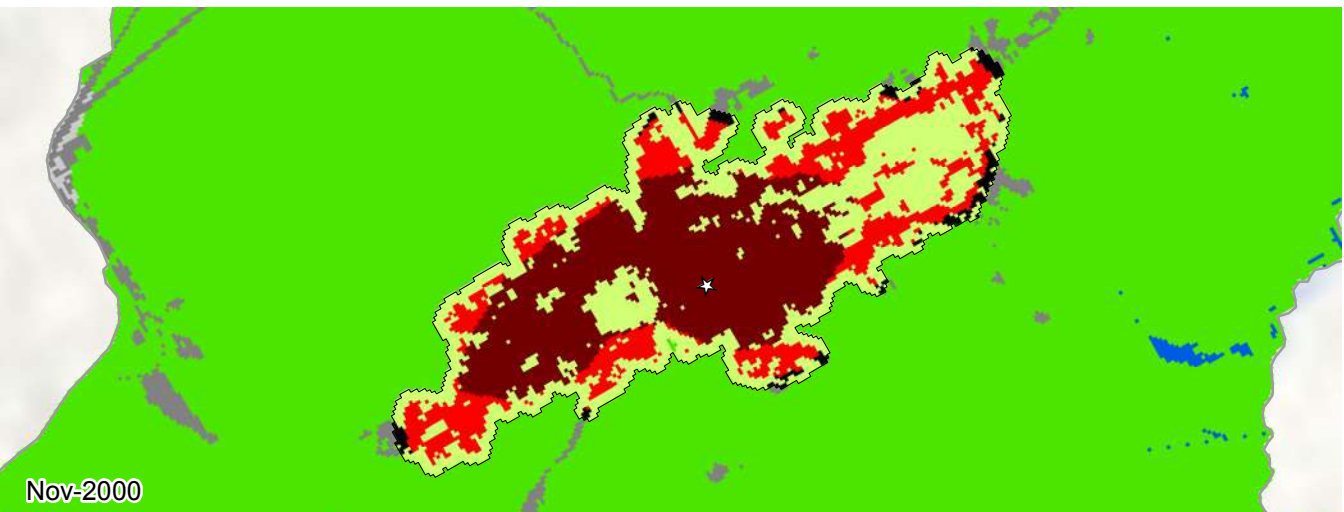
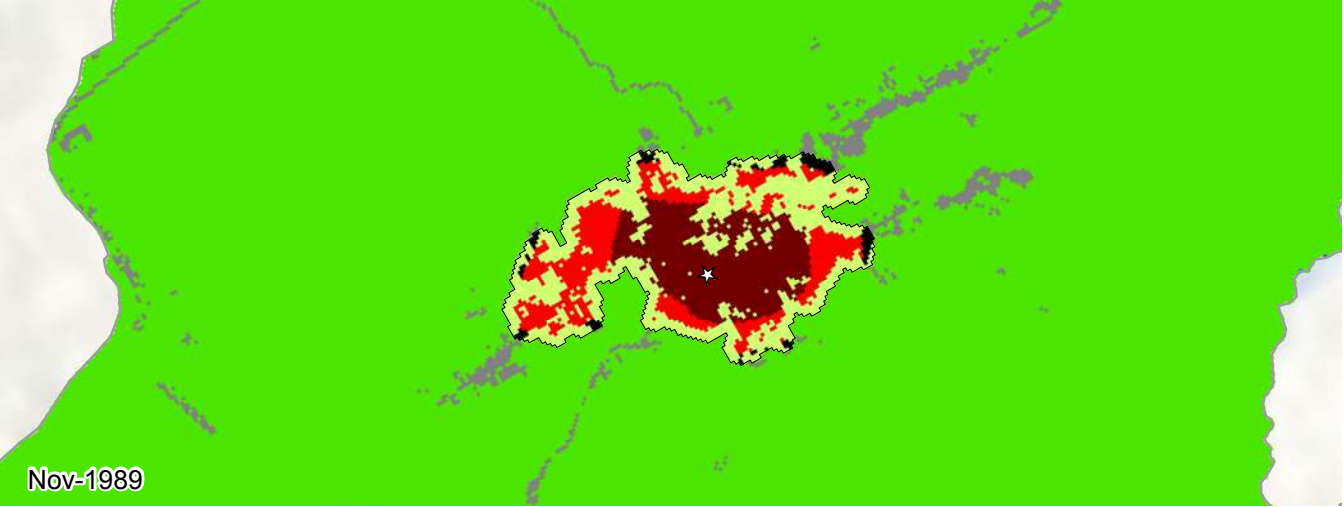
**Legenda**

- Inírida |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —















| Métrica                             | Dic 1989 | Feb 2001 | Ago 2015 | Cambio Anual % ('01-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 5,399    | 8,306    | 11,629   | 2.3                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 98.9     | 167.8    | 219.7    | 1.9                      |
| Urbana                              | 91.2     | 162.0    | 206.7    | 1.7                      |
| Suburbana                           | 0.0      | 0.0      | 0.0      | 0.0                      |
| Rural                               | 7.7      | 5.8      | 13.0     | 5.5                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 93       | 139      | 175      | 1.6                      |
| Huella Urbana                       | 192      | 307      | 395      | 1.7                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 54.6     | 49.5     | 52.9     | 0.5                      |
| Densidad de la Huella Urbana        | 28.1     | 27.0     | 29.4     | 0.6                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.51     | 0.55     | 0.56     | 0.1                      |
| Índice de Apertura                  | 0.63     | 0.53     | 0.51     | -0.3                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.89     | 0.88     | 0.88     | 0.0                      |
| Cohesión                            | 0.88     | 0.88     | 0.88     | -0.0                     |
| Área Agregada (Hectáreas)           | '89-'01  | Porción  | '01-'15  | Porción                  |
| Relleno                             | 11.7     | 17.13%   | 14.67    | 28.66%                   |
| Extensión                           | 41.22    | 60.33%   | 16.65    | 32.53%                   |
| Crecimiento Discontinuo             | 5.4      | 7.9%     | 4.86     | 9.5%                     |
| Inclusión                           | 10.0     | 14.64%   | 15.0     | 29.31%                   |





Ipiales, Nariño  
1989-2015

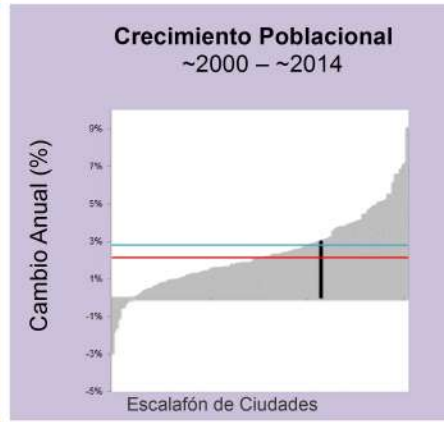


- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |   | Centro urbano            |

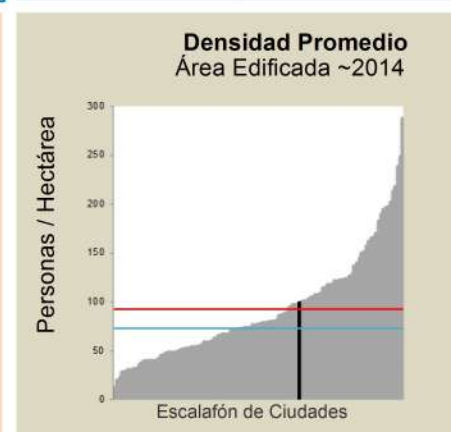
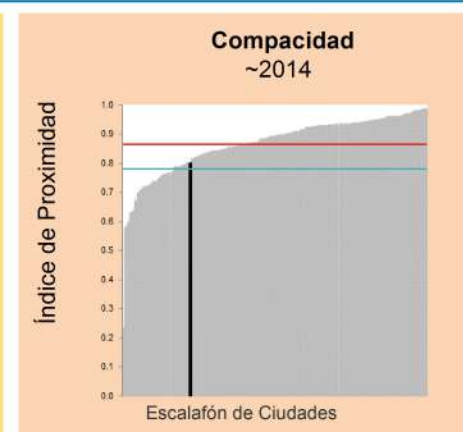
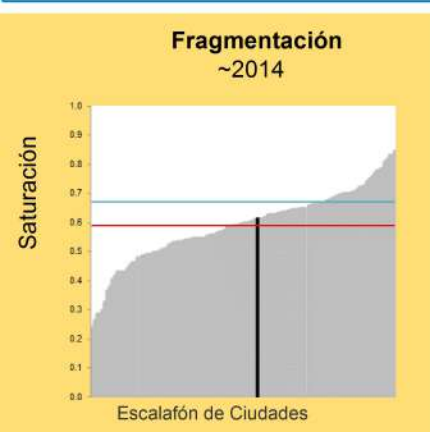
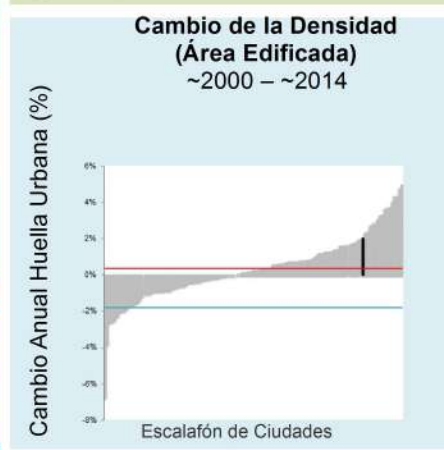
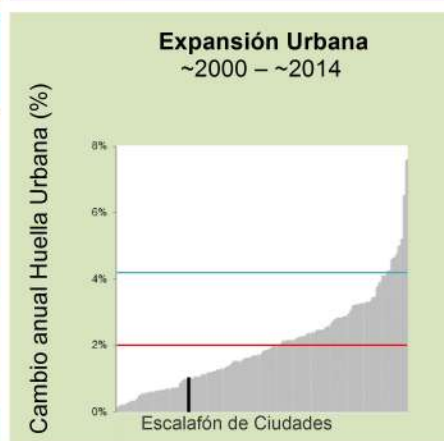


**Legenda**

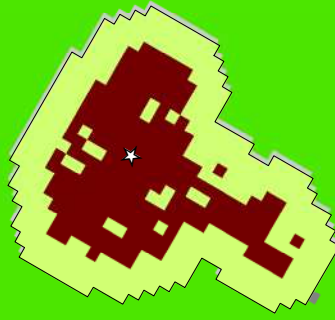
- Ipiales |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



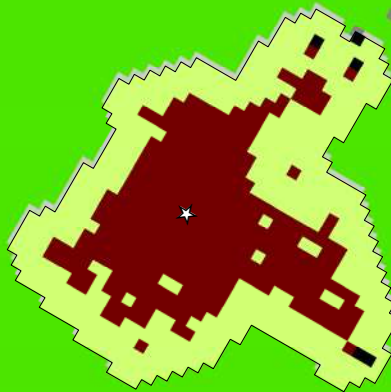
| Métrica                             | Nov 1989 | Nov 2000 | Sep 2015 | Cambio Anual % ('00-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 41,789   | 62,274   | 97,234   | 3.0                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 201.2    | 495.4    | 601.0    | 1.3                      |
| Urbana                              | 105.3    | 306.0    | 376.0    | 1.4                      |
| Suburbana                           | 84.5     | 170.8    | 211.6    | 1.4                      |
| Rural                               | 11.4     | 18.5     | 13.4     | -2.2                     |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 156      | 347      | 376      | 0.5                      |
| Huella Urbana                       | 357      | 842      | 977      | 1.0                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 207.7    | 125.7    | 161.8    | 1.7                      |
| Densidad de la Huella Urbana        | 116.8    | 73.9     | 99.4     | 2.0                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.56     | 0.59     | 0.61     | 0.3                      |
| Índice de Apertura                  | 0.49     | 0.43     | 0.40     | -0.4                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.88     | 0.80     | 0.80     | -0.0                     |
| Cohesión                            | 0.88     | 0.80     | 0.79     | -0.0                     |
| Área Agregada (Hectáreas)           | '89-'00  | Porción  | '00-'15  | Porción                  |
| Relleno                             | 49.95    | 16.99%   | 48.96    | 46.41%                   |
| Extensión                           | 107.82   | 36.66%   | 28.8     | 27.3%                    |
| Crecimiento Discontinuo             | 78.3     | 26.63%   | 7.74     | 7.34%                    |
| Inclusión                           | 58.0     | 19.72%   | 20.0     | 18.96%                   |



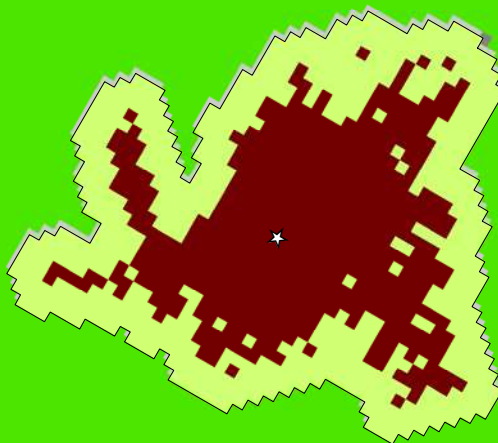
Ago-1989



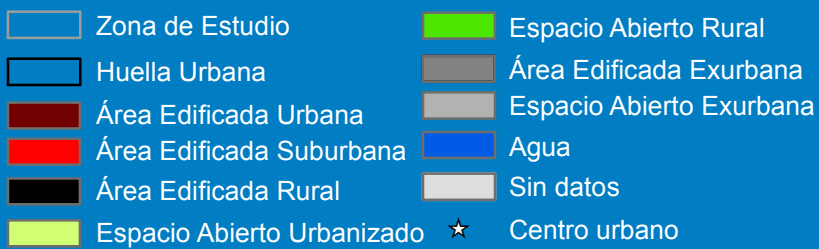
Jul-1999



Sep-2014



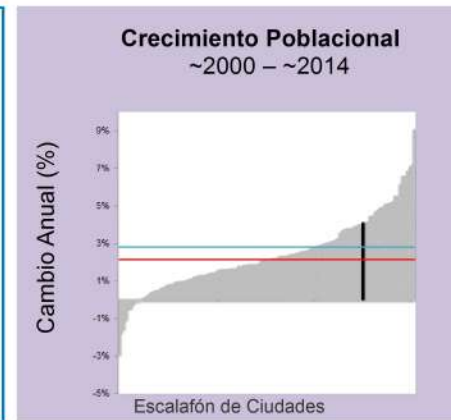
La Argentina, Huila  
1989-2014



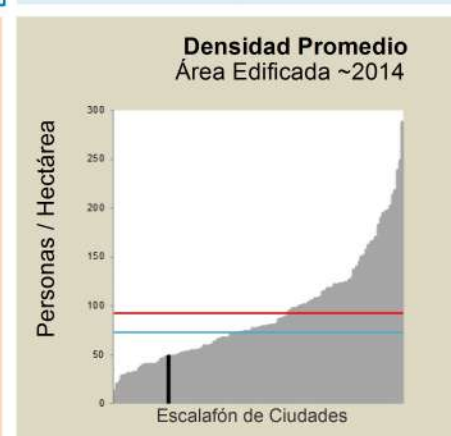
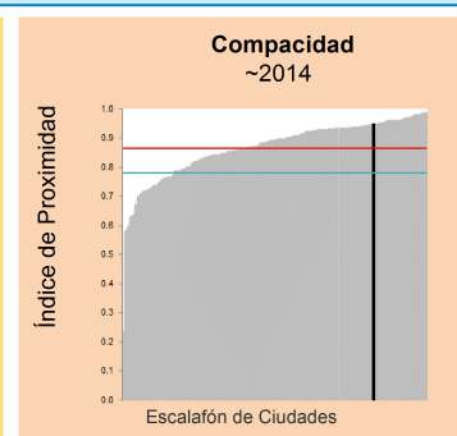
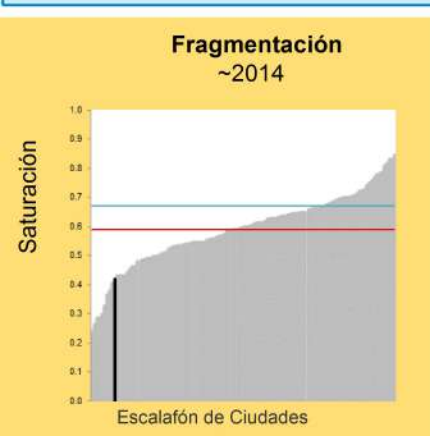
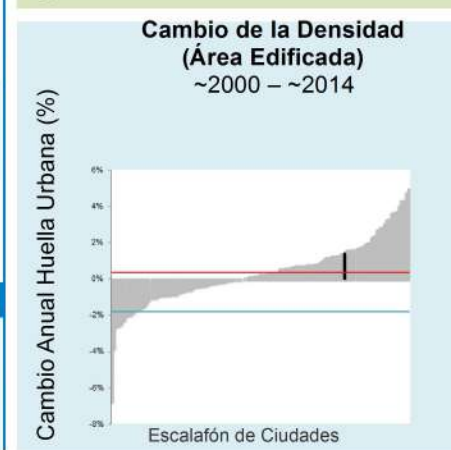
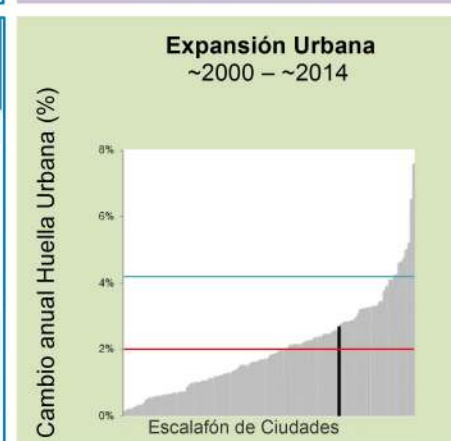


**Legenda**

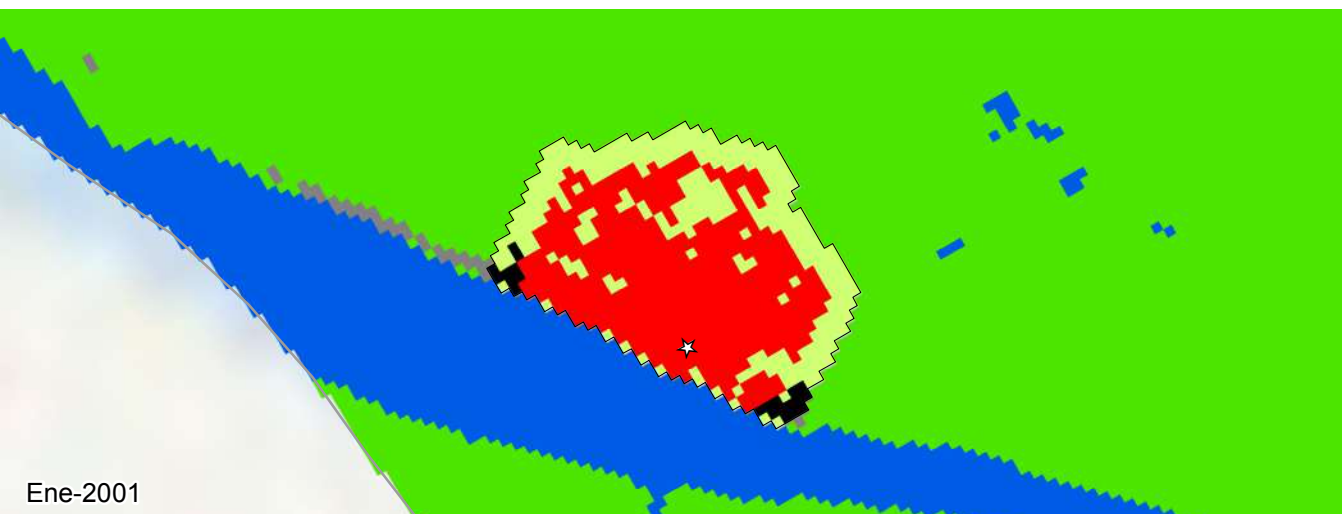
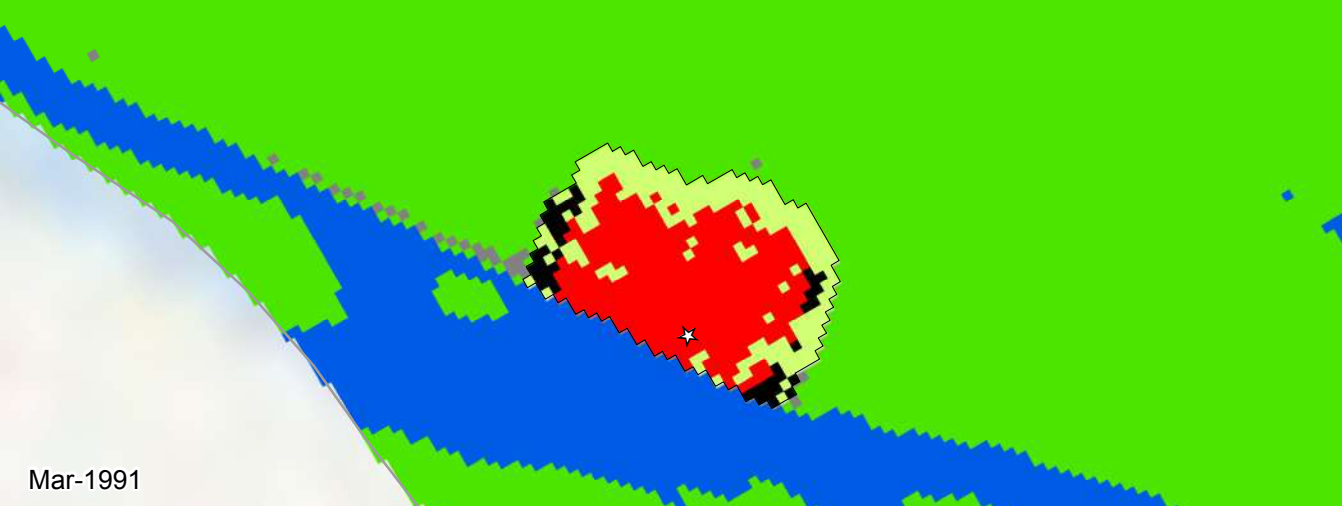
- La Argentina |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



| Métrica                             | Ago 1989 | Jul 1999 | Sep 2014 | Cambio Anual % ('99-'14) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 1,929    | 2,973    | 5,493    | 4.0                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 18.7     | 28.9     | 47.0     | 3.2                      |
| Urbana                              | 18.7     | 28.8     | 47.0     | 3.2                      |
| Suburbana                           | 0.0      | 0.0      | 0.0      | 0.0                      |
| Rural                               | 0.0      | 0.1      | 0.0      | 0.0                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 25       | 45       | 64       | 2.3                      |
| Huella Urbana                       | 44       | 74       | 111      | 2.7                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 103.0    | 102.9    | 116.9    | 0.8                      |
| Densidad de la Huella Urbana        | 43.7     | 39.8     | 49.1     | 1.4                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.42     | 0.39     | 0.42     | 0.5                      |
| Índice de Apertura                  | 0.81     | 0.73     | 0.63     | -1.0                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.95     | 0.93     | 0.95     | 0.1                      |
| Cohesión                            | 0.93     | 0.91     | 0.93     | 0.2                      |
| Área Agregada (Hectáreas)           | '89-'99  | Porción  | '99-'14  | Porción                  |
| Relleno                             | 2.52     | 25.45%   | 5.67     | 33.16%                   |
| Extensión                           | 6.84     | 69.09%   | 11.43    | 66.84%                   |
| Crecimiento Discontinuo             | 0.54     | 5.45%    | 0.0      | 0.0%                     |
| Inclusión                           | 0.0      | 0.0%     | 0.0      | 0.0%                     |



















La Gloria, Cesar  
1991-2015

0 0.25 0.5 0.75 km

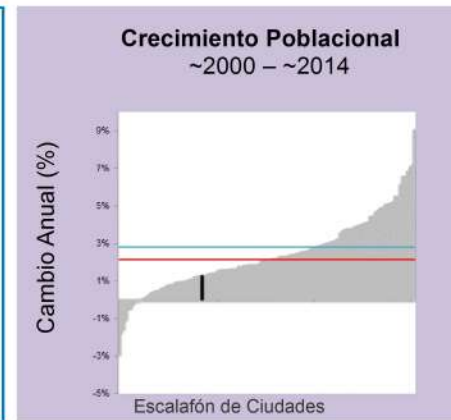


- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |   | Centro urbano            |

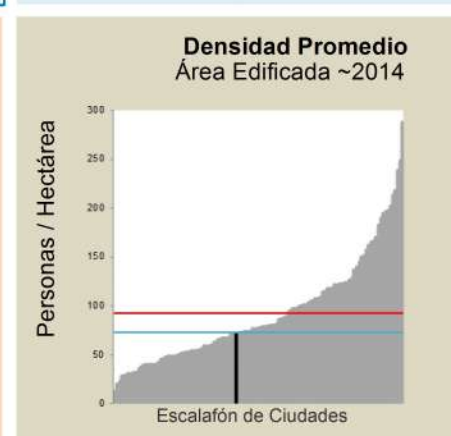
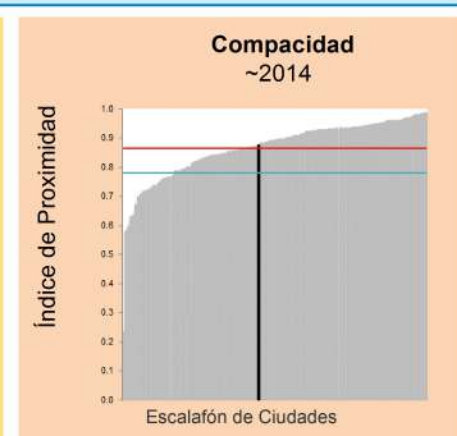
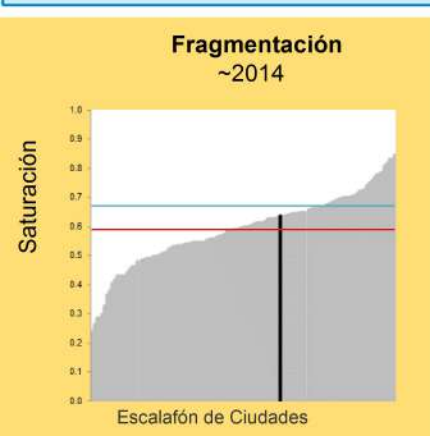
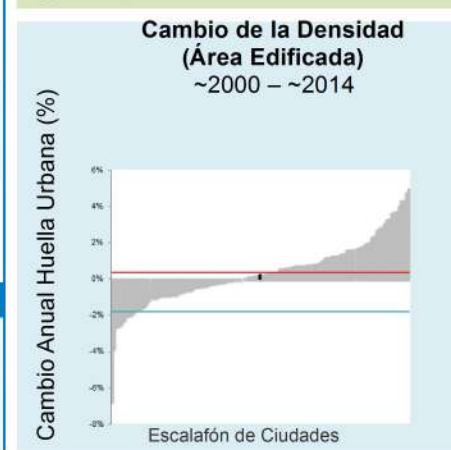
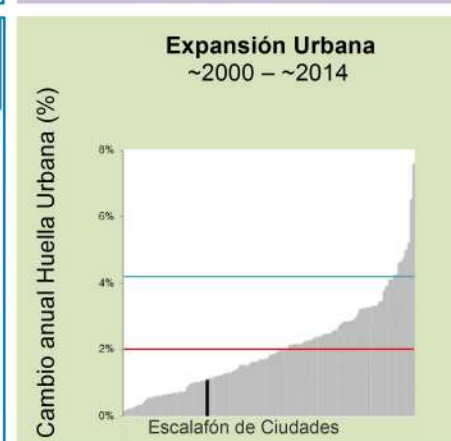


**Legenda**

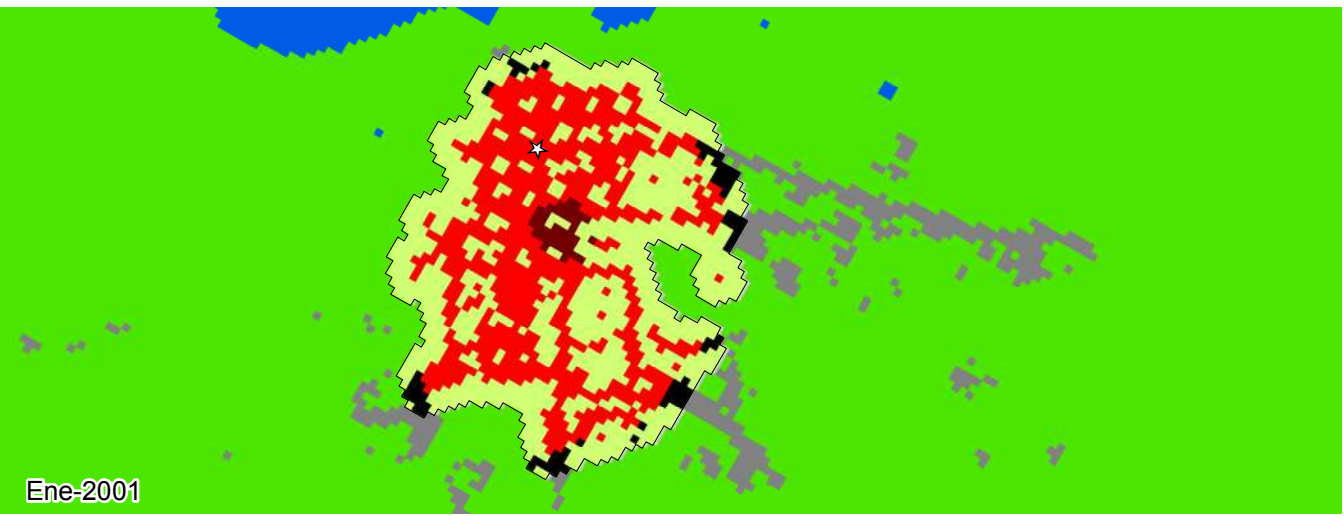
- La Gloria |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



| Métrica                             | Mar 1991 | Ene 2001 | Sep 2015 | Cambio Anual % ('01-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 3,963    | 5,430    | 6,545    | 1.3                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 22.1     | 46.6     | 58.5     | 1.5                      |
| Urbana                              | 22.1     | 46.3     | 58.1     | 1.6                      |
| Suburbana                           | 0.0      | 0.0      | 0.0      | 0.0                      |
| Rural                               | 0.0      | 0.4      | 0.4      | 0.0                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 24       | 32       | 33       | 0.3                      |
| Huella Urbana                       | 46       | 78       | 91       | 1.1                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 179.0    | 116.5    | 111.9    | -0.3                     |
| Densidad de la Huella Urbana        | 84.5     | 69.0     | 71.3     | 0.2                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.47     | 0.59     | 0.64     | 0.5                      |
| Índice de Apertura                  | 0.79     | 0.65     | 0.58     | -0.7                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.92     | 0.89     | 0.87     | -0.1                     |
| Cohesión                            | 0.90     | 0.87     | 0.85     | -0.1                     |
| Área Agregada (Hectáreas)           | '91-'01  | Porción  | '01-'15  | Porción                  |
| Relleno                             | 6.48     | 1.52%    | 7.29     | 21.81%                   |
| Extensión                           | 17.91    | 4.21%    | 3.96     | 11.85%                   |
| Crecimiento Discontinuo             | 0.09     | 0.02%    | 0.18     | 0.54%                    |
| Inclusión                           | 401.0    | 94.25%   | 22.0     | 65.81%                   |



Ene-1988



Ene-2001



Jul-2015

La Primavera, Vichada  
1988-2015

0 0.25 0.5 0.75 km

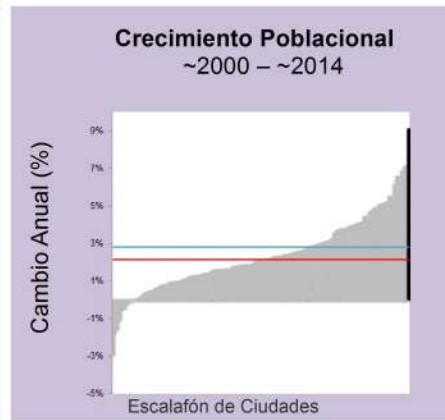


|   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |  | Centro urbano            |

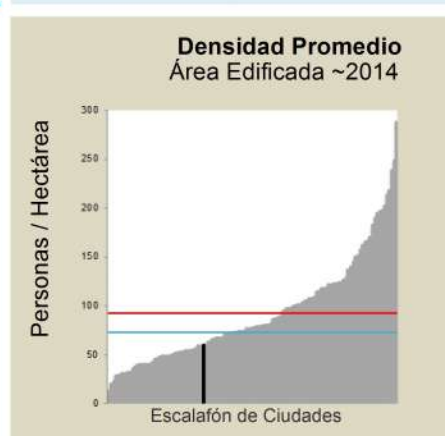
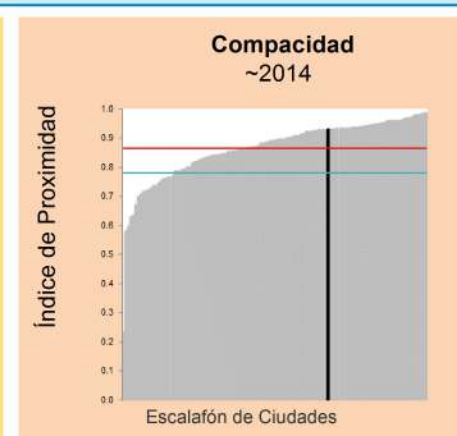
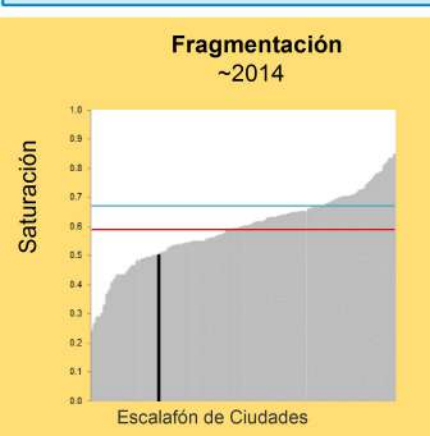
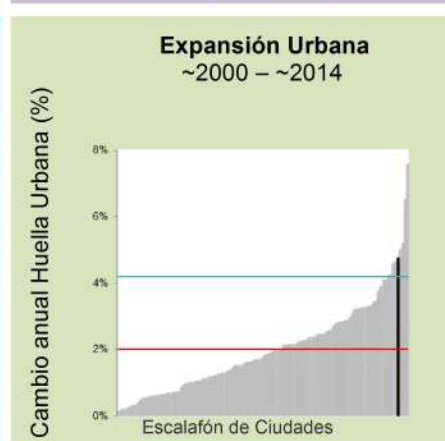


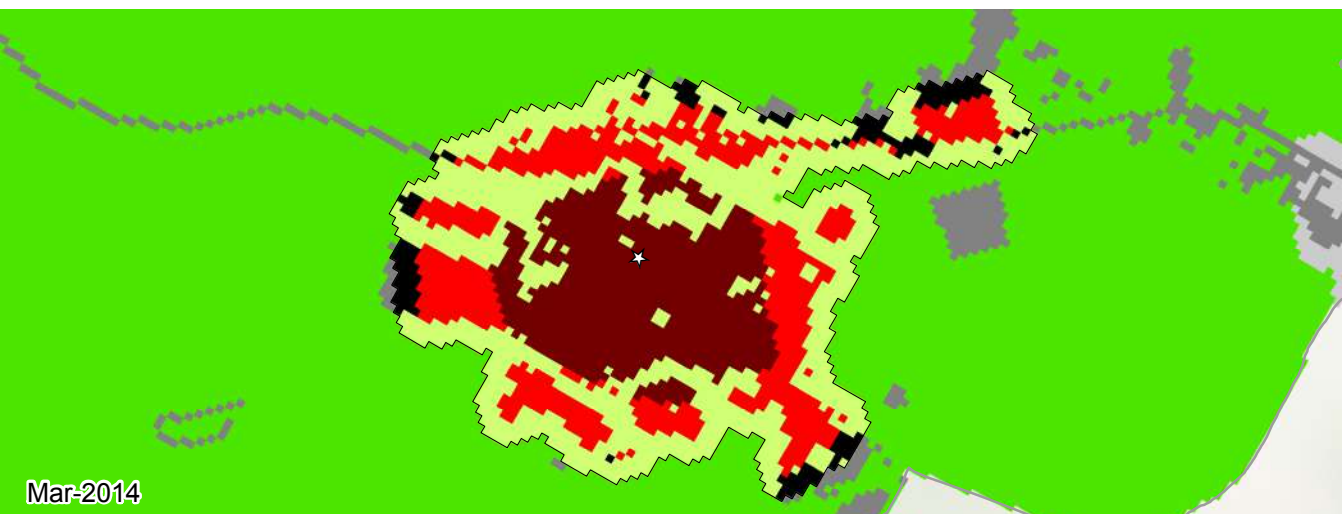
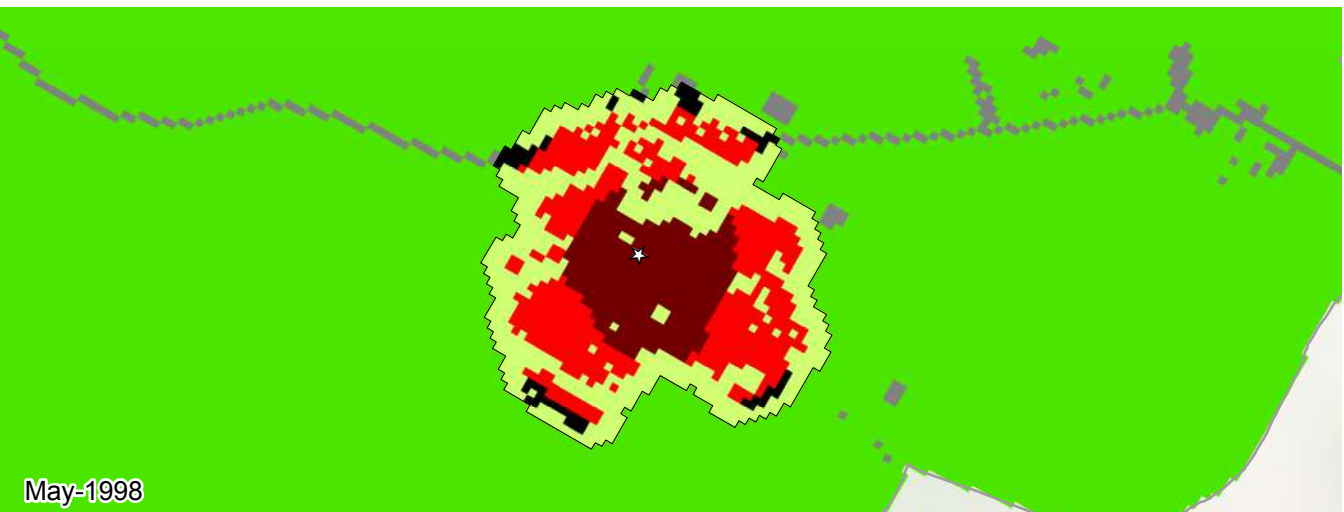
**Legenda**

- La Primavera |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —















| Métrica                             | Ene 1988 | Ene 2001 | Ene 2014 | Cambio Anual % ('01-'14) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 1,348    | 5,701    | 18,605   | 9.1                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 22.4     | 77.6     | 156.6    | 5.4                      |
| Urbana                              | 0.0      | 3.5      | 53.3     | 20.8                     |
| Suburbana                           | 15.8     | 67.4     | 92.3     | 2.4                      |
| Rural                               | 6.6      | 6.7      | 11.0     | 3.8                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 20       | 90       | 155      | 4.1                      |
| Huella Urbana                       | 43       | 167      | 311      | 4.7                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 60.2     | 73.5     | 118.8    | 3.7                      |
| Densidad de la Huella Urbana        | 31.2     | 34.0     | 59.7     | 4.3                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.52     | 0.46     | 0.50     | 0.6                      |
| Índice de Apertura                  | 0.73     | 0.62     | 0.55     | -0.9                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.99     | 0.97     | 0.93     | -0.3                     |
| Cohesión                            | 0.97     | 0.96     | 0.92     | -0.3                     |
| Área Agregada (Hectáreas)           | '88-'01  | Porción  | '01-'14  | Porción                  |
| Relleno                             | 2.97     | 5.41%    | 20.52    | 26.17%                   |
| Extensión                           | 33.21    | 60.47%   | 14.76    | 18.83%                   |
| Crecimiento Discontinuo             | 7.74     | 14.09%   | 15.12    | 19.29%                   |
| Inclusión                           | 11.0     | 20.03%   | 28.0     | 35.71%                   |





La Tebaida, Quindío  
1989-2014

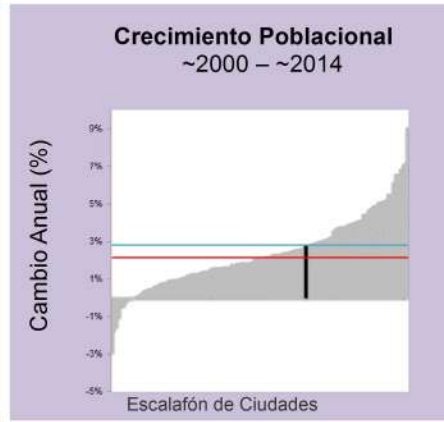


- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |   | Centro urbano            |

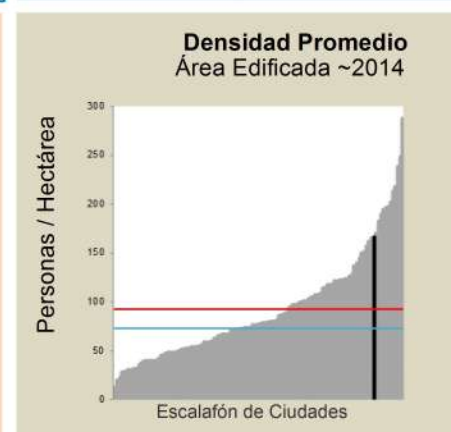
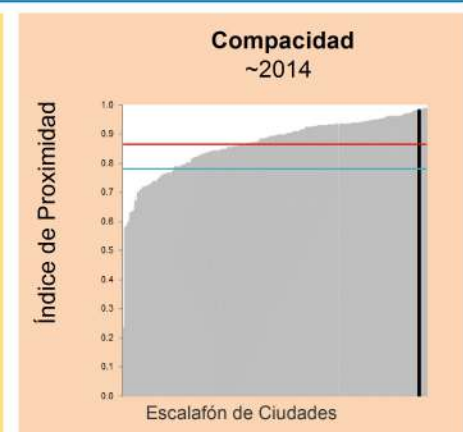
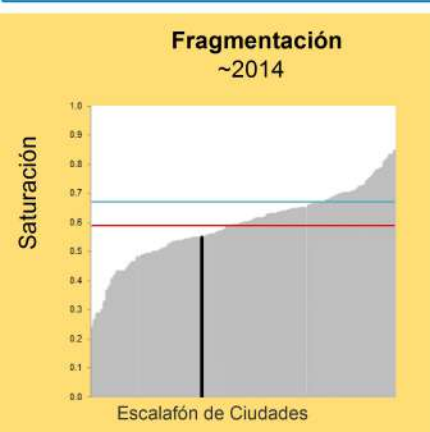
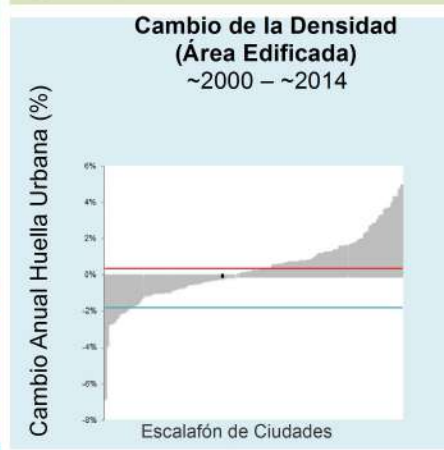
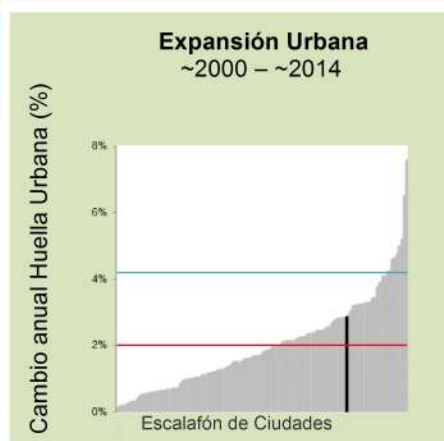


**Legenda**

- La Tebaida |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —

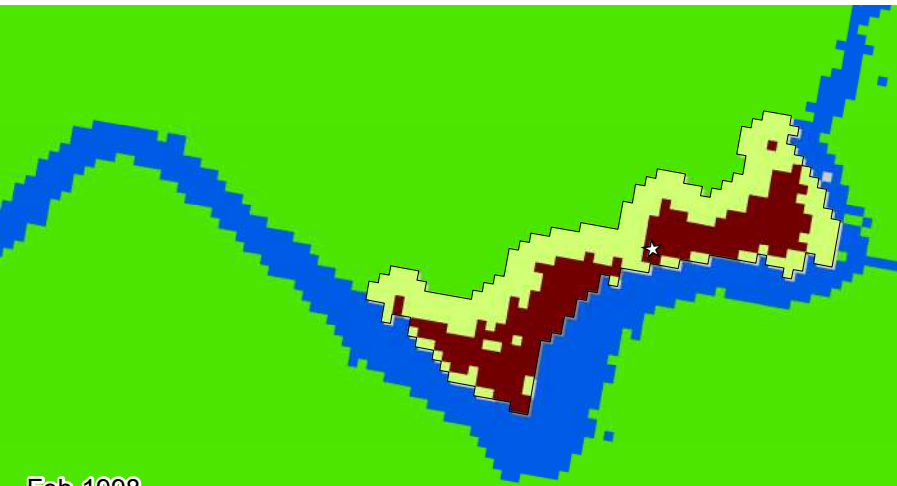


| Métrica                             | Ago 1989 | May 1998 | Mar 2014 | Cambio Anual % ('98-'14) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 16,915   | 24,969   | 38,666   | 2.8                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 51.0     | 82.5     | 127.4    | 2.7                      |
| Urbana                              | 0.0      | 31.0     | 64.5     | 4.6                      |
| Suburbana                           | 48.4     | 46.0     | 55.0     | 1.1                      |
| Rural                               | 2.6      | 5.6      | 7.9      | 2.2                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 41       | 64       | 104      | 3.0                      |
| Huella Urbana                       | 92       | 147      | 231      | 2.9                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 331.5    | 302.6    | 303.4    | 0.0                      |
| Densidad de la Huella Urbana        | 183.5    | 169.6    | 166.8    | -0.1                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.55     | 0.56     | 0.55     | -0.1                     |
| Índice de Apertura                  | 0.61     | 0.55     | 0.50     | -0.6                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.96     | 0.98     | 0.98     | -0.0                     |
| Cohesión                            | 0.94     | 0.98     | 0.97     | -0.0                     |
| Área Agregada (Hectáreas)           | '89-'98  | Porción  | '98-'14  | Porción                  |
| Relleno                             | 4.41     | 14.43%   | 5.58     | 12.47%                   |
| Extensión                           | 16.47    | 53.89%   | 32.22    | 71.98%                   |
| Crecimiento Discontinuo             | 4.68     | 15.31%   | 3.96     | 8.85%                    |
| Inclusión                           | 5.0      | 16.36%   | 3.0      | 6.7%                     |

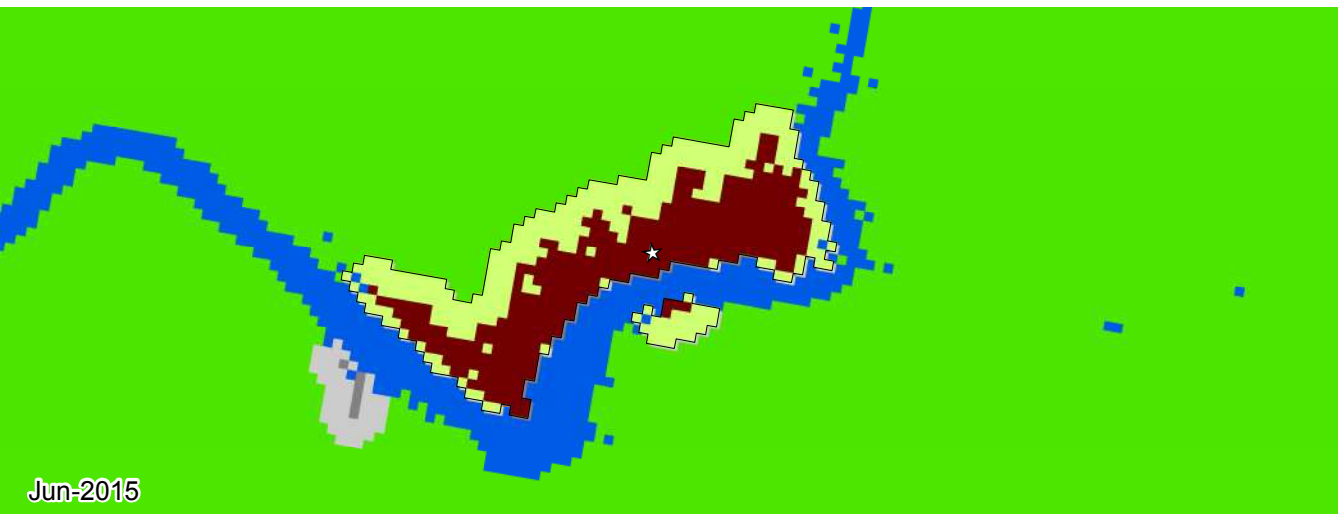




Jun-1991



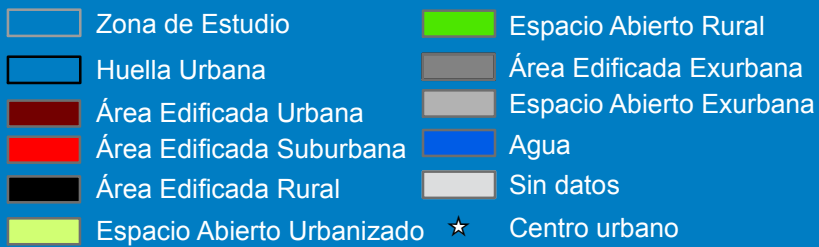
Feb-1998



Jun-2015

## La Tola, Nariño 1991-2015

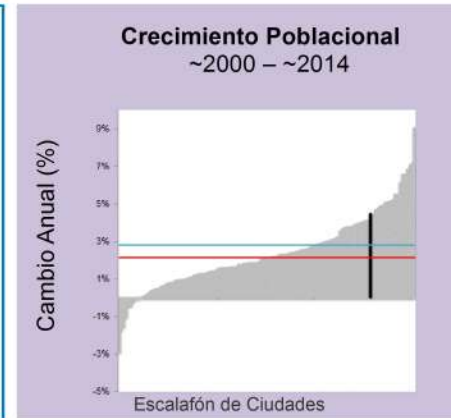
0 0.25 0.5 0.75 km



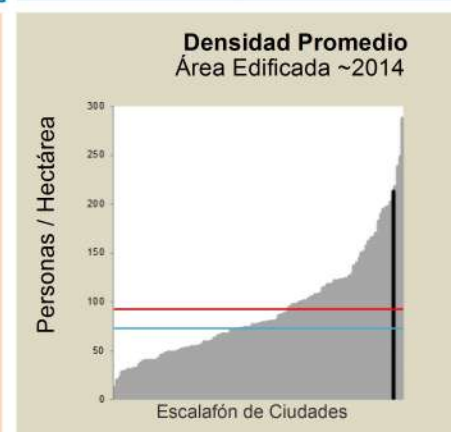
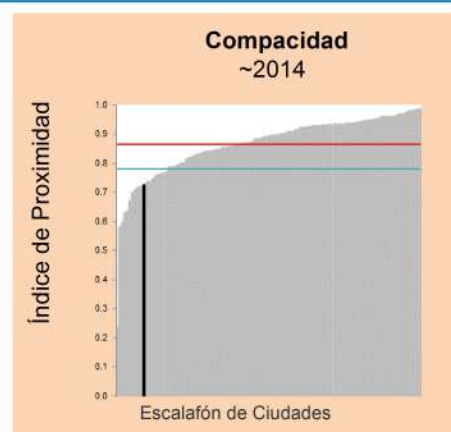
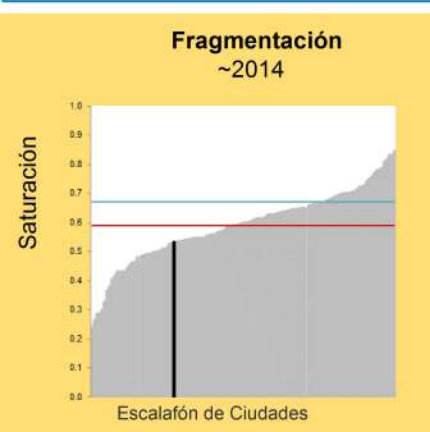
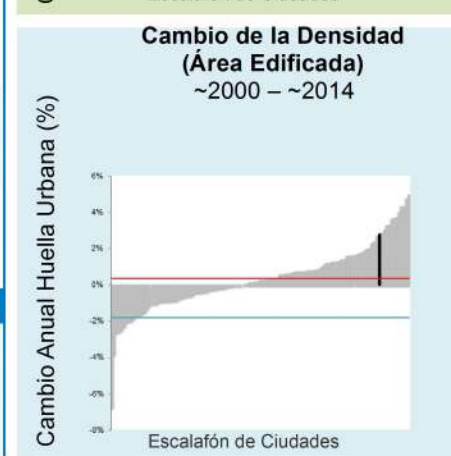
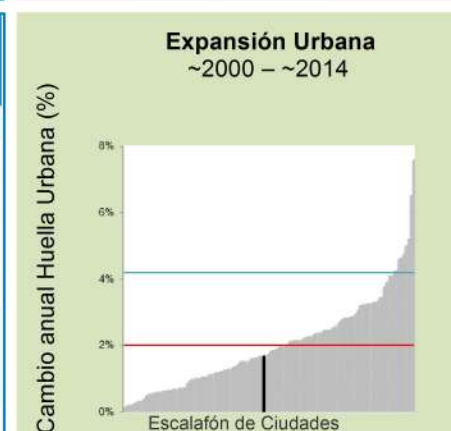


**Legenda**

- La Tola |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



| Métrica                             | Jun 1991 | Feb 1998 | Jun 2015 | Cambio Anual % ('98-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 784      | 5,694    | 12,288   | 4.4                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 9.1      | 19.3     | 30.8     | 2.7                      |
| Urbana                              | 0.1      | 19.3     | 30.8     | 2.7                      |
| Suburbana                           | 0.0      | 0.0      | 0.0      | 0.0                      |
| Rural                               | 0.5      | 0.0      | 0.0      | 0.0                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 2        | 22       | 25       | 0.7                      |
| Huella Urbana                       | 31       | 43       | 57       | 1.7                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 86.3     | 295.6    | 399.2    | 1.7                      |
| Densidad de la Huella Urbana        | 24.6     | 132.1    | 213.3    | 2.8                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.29     | 0.45     | 0.53     | 1.0                      |
| Índice de Apertura                  | 0.94     | 0.88     | 0.80     | -0.5                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 1.06     | 0.60     | 0.72     | 1.1                      |
| Cohesión                            | 0.90     | 0.60     | 0.72     | 1.0                      |
| Área Agregada (Hectáreas)           | '91-'98  | Porción  | '98-'15  | Porción                  |
| Relleno                             | 0.0      | 0.0%     | 3.33     | 26.6%                    |
| Extensión                           | 10.53    | 56.86%   | 7.65     | 61.1%                    |
| Crecimiento Discontinuo             | 0.99     | 5.35%    | 0.54     | 4.31%                    |
| Inclusión                           | 7.0      | 37.8%    | 1.0      | 7.99%                    |

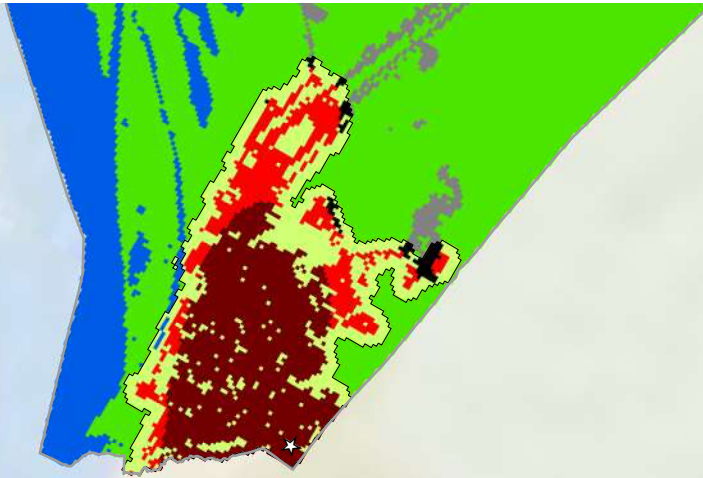




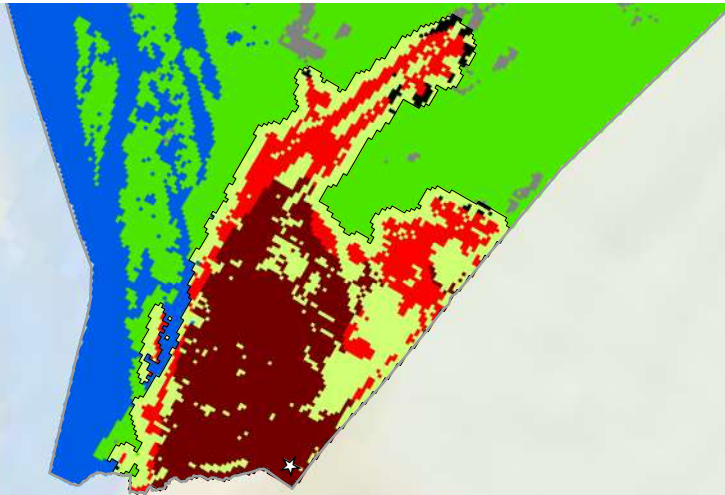
Sep-1991



Oct-2000















Jul-2015



## Leticia, Amazonas 1991-2015

0 0.5 1 1.5 km

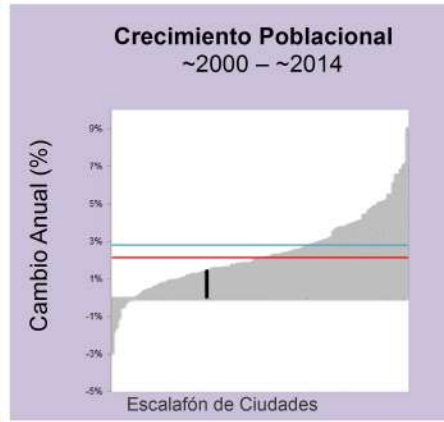


- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |   | Centro urbano            |

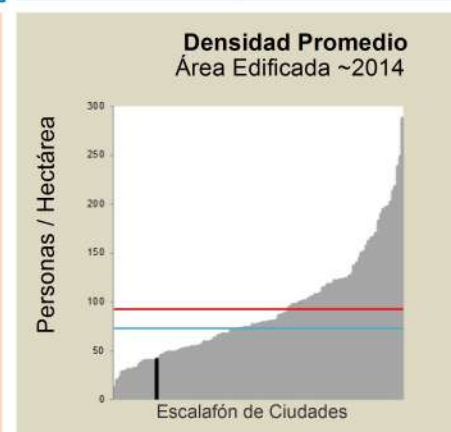
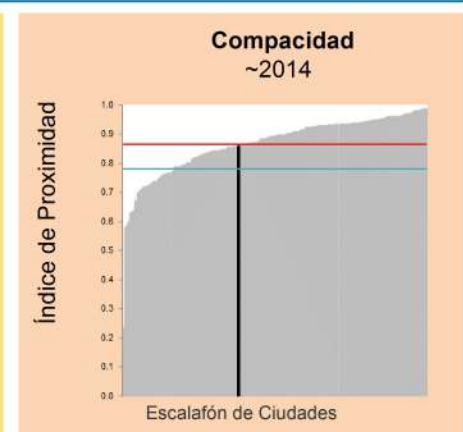
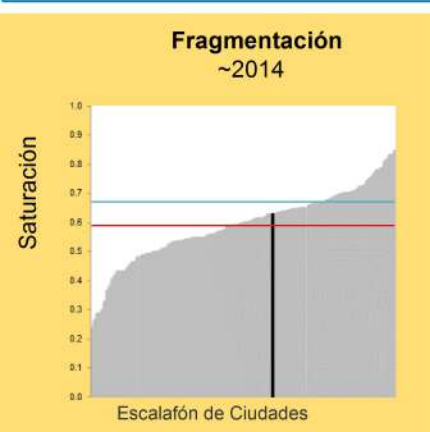
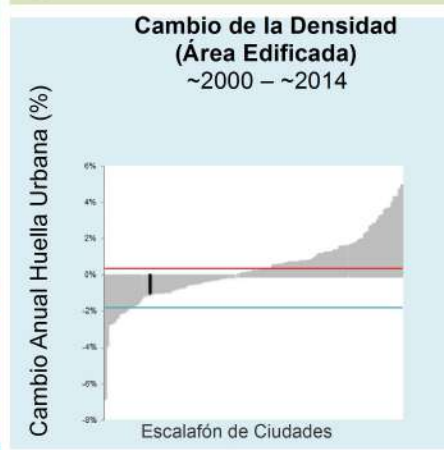
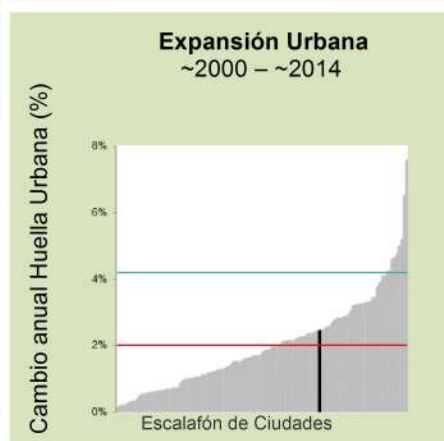


**Legenda**

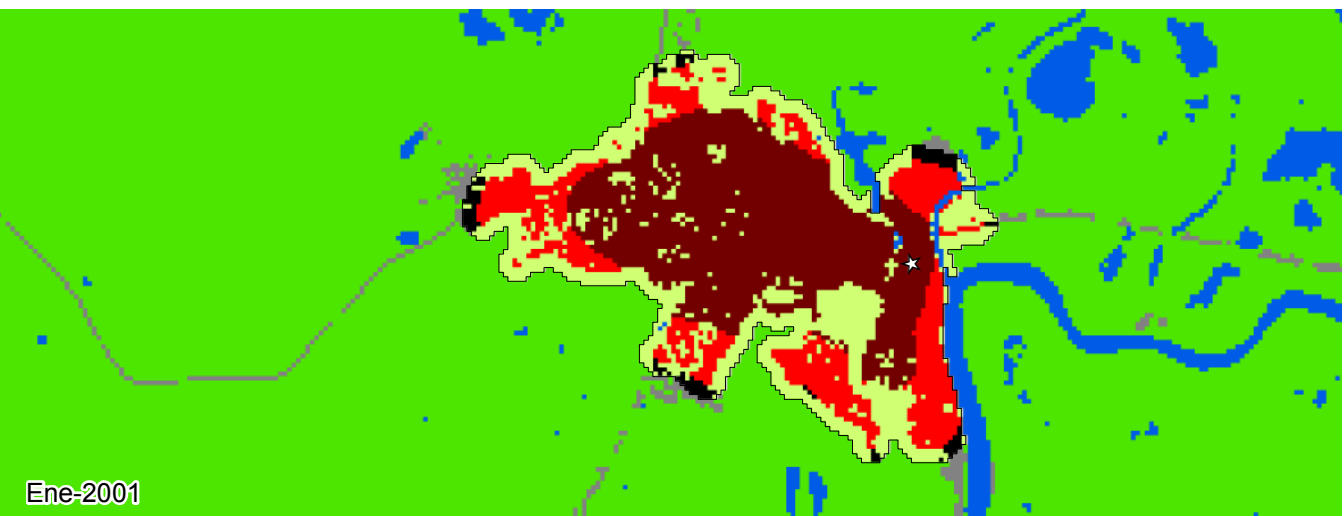
- Leticia |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



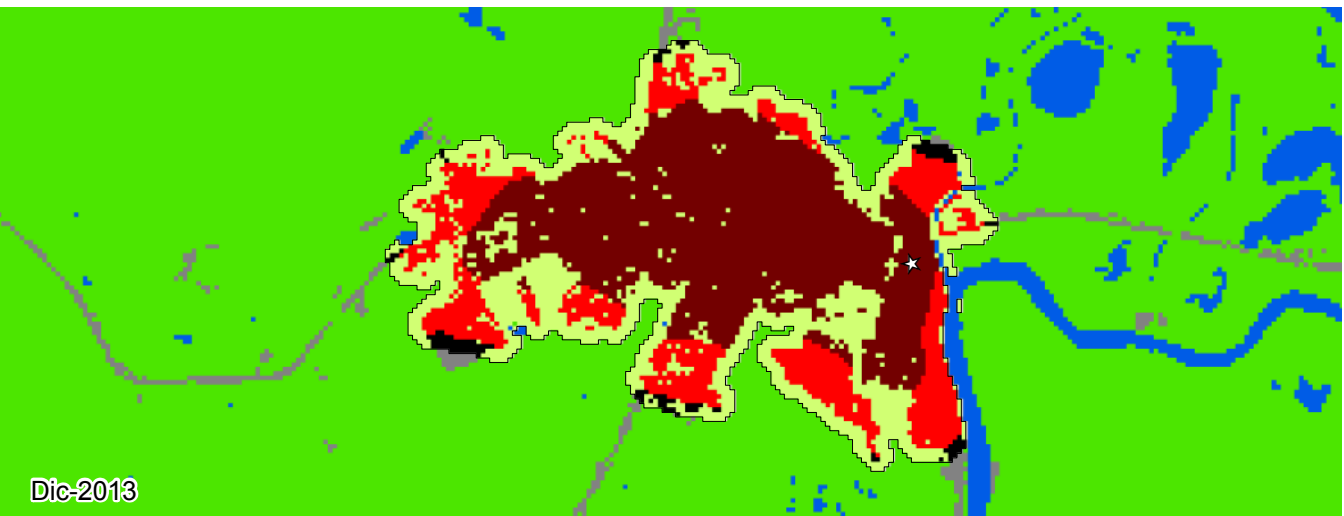
| Métrica                             | Sep 1991 | Oct 2000 | Jul 2015 | Cambio Anual % ('00-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 18,944   | 19,868   | 24,551   | 1.4                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 179.9    | 263.3    | 376.8    | 2.4                      |
| Urbana                              | 122.3    | 179.2    | 245.0    | 2.1                      |
| Suburbana                           | 52.8     | 75.8     | 123.8    | 3.3                      |
| Rural                               | 4.8      | 8.3      | 8.1      | -0.1                     |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 113      | 153      | 221      | 2.5                      |
| Huella Urbana                       | 293      | 417      | 598      | 2.4                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 105.3    | 75.5     | 65.2     | -1.0                     |
| Densidad de la Huella Urbana        | 64.6     | 47.6     | 41.0     | -1.0                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.61     | 0.63     | 0.63     | -0.0                     |
| Índice de Apertura                  | 0.44     | 0.38     | 0.37     | -0.1                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.91     | 0.89     | 0.86     | -0.2                     |
| Cohesión                            | 0.90     | 0.88     | 0.85     | -0.2                     |
| Área Agregada (Hectáreas)           | '91-'00  | Porción  | '00-'15  | Porción                  |
| Relleno                             | 29.16    | 35.12%   | 27.72    | 24.53%                   |
| Extensión                           | 28.26    | 34.04%   | 33.75    | 29.87%                   |
| Crecimiento Discontinuo             | 12.6     | 15.18%   | 20.52    | 18.16%                   |
| Inclusión                           | 13.0     | 15.66%   | 31.0     | 27.44%                   |



Mar-1991



Ene-2001















Dic-2013



Lorica, Córdoba  
1991-2013

0 0.5 1 1.5 km

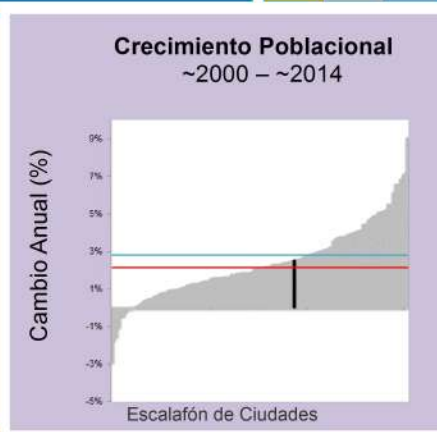


- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |  | Centro urbano            |

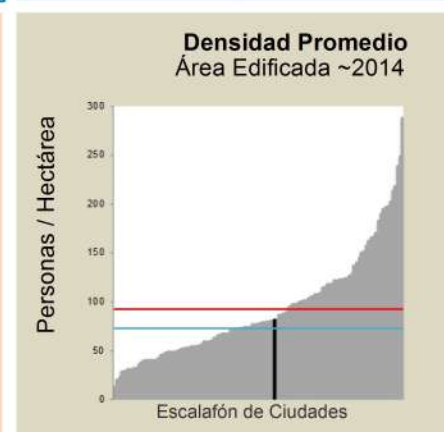
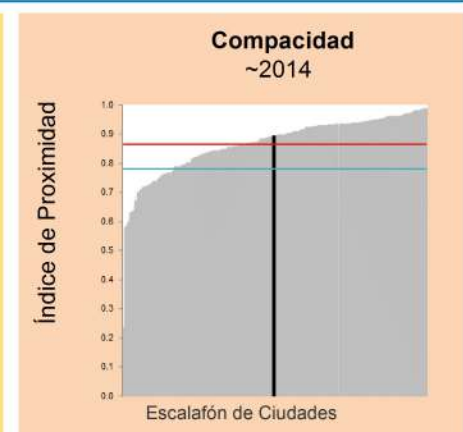
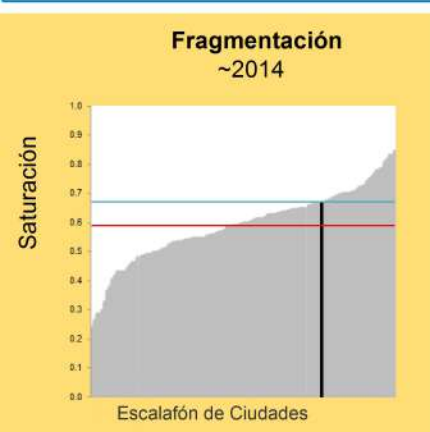
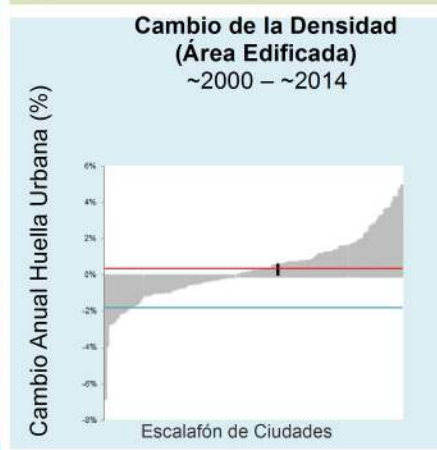
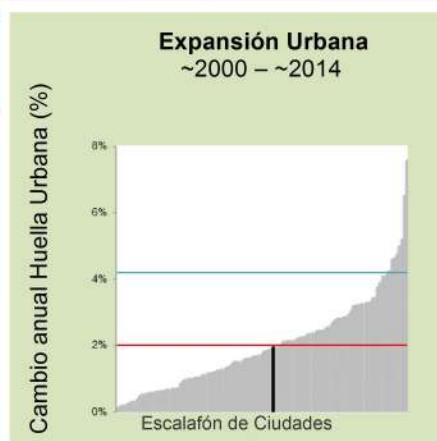


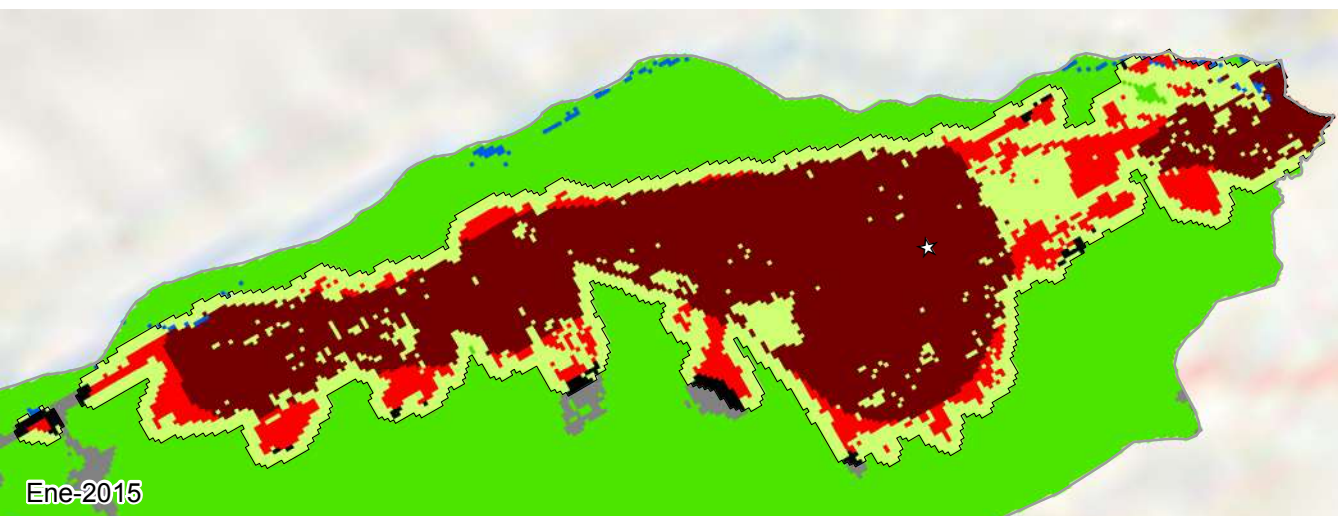
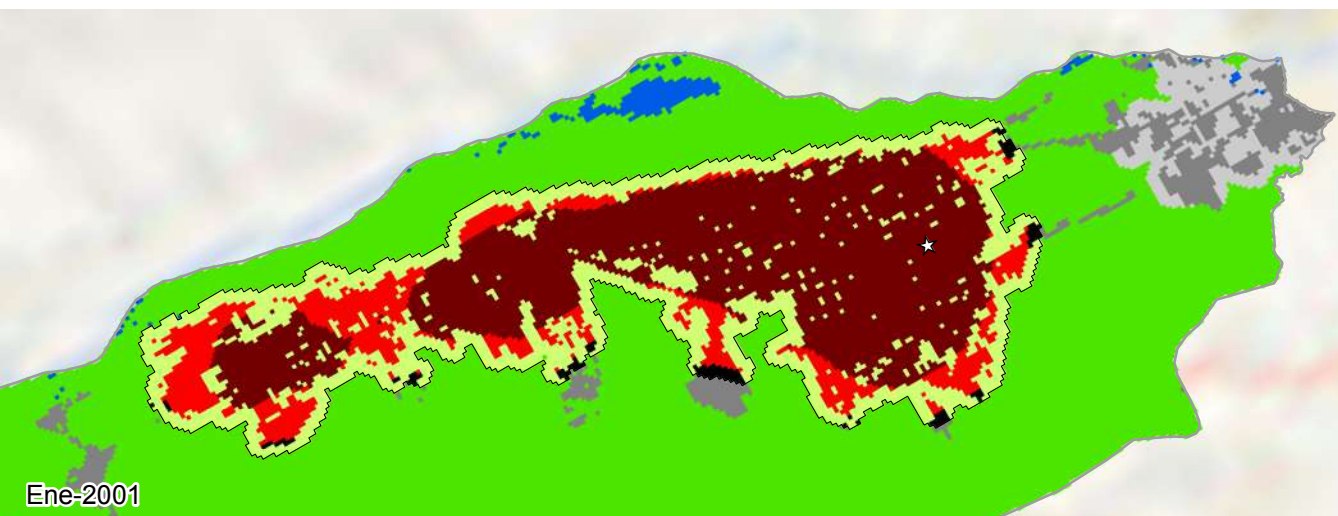
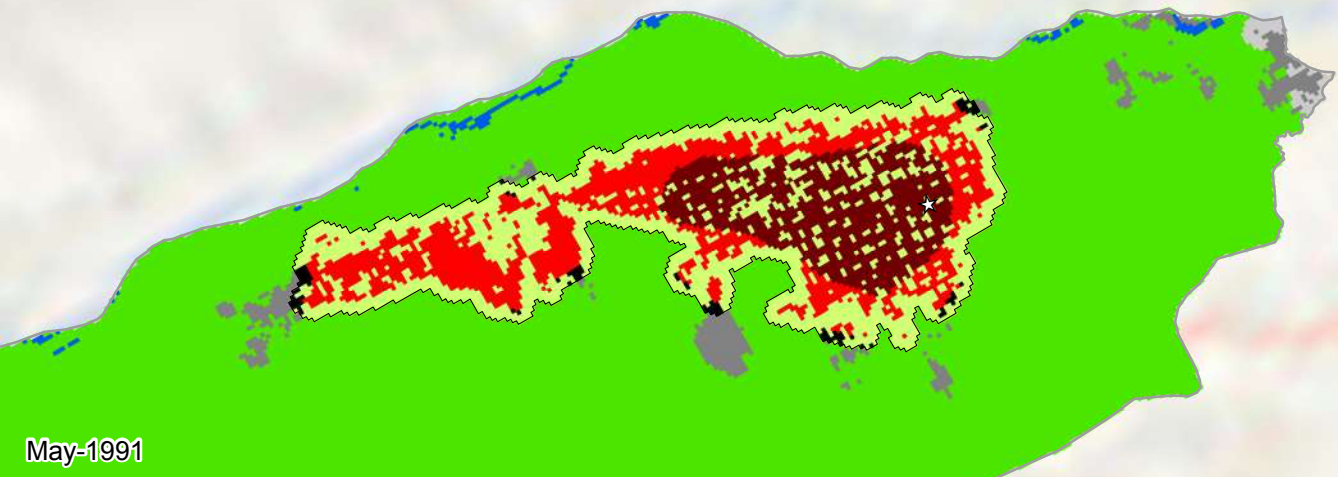
**Legenda**

- Lorica |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —

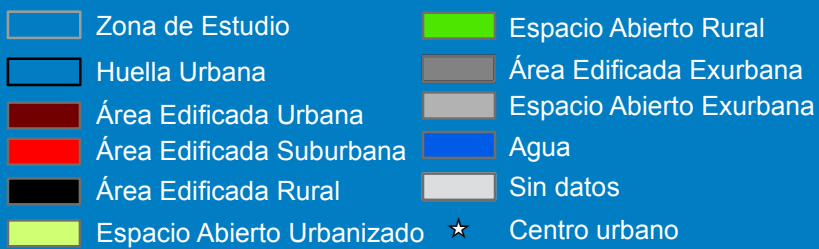


| Métrica                             | Mar 1991 | Ene 2001 | Dic 2013 | Cambio Anual % ('01-'13) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 23,874   | 37,961   | 52,558   | 2.5                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 153.1    | 335.3    | 431.5    | 2.0                      |
| Urbana                              | 68.4     | 218.6    | 291.3    | 2.2                      |
| Suburbana                           | 76.0     | 104.4    | 127.6    | 1.6                      |
| Rural                               | 8.7      | 12.2     | 12.5     | 0.2                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 122      | 167      | 214      | 1.9                      |
| Huella Urbana                       | 275      | 502      | 646      | 1.9                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 156.0    | 113.2    | 121.8    | 0.6                      |
| Densidad de la Huella Urbana        | 86.5     | 75.5     | 81.3     | 0.6                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.55     | 0.67     | 0.67     | 0.0                      |
| Índice de Apertura                  | 0.53     | 0.41     | 0.38     | -0.5                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.86     | 0.90     | 0.89     | -0.1                     |
| Cohesión                            | 0.85     | 0.90     | 0.89     | -0.1                     |
| Área Agregada (Hectáreas)           | '91-'01  | Porción  | '01-'13  | Porción                  |
| Relleno                             | 43.29    | 23.82%   | 28.17    | 29.35%                   |
| Extensión                           | 103.5    | 56.94%   | 51.3     | 53.45%                   |
| Crecimiento Discontinuo             | 10.98    | 6.04%    | 4.5      | 4.69%                    |
| Inclusión                           | 24.0     | 13.2%    | 12.0     | 12.5%                    |





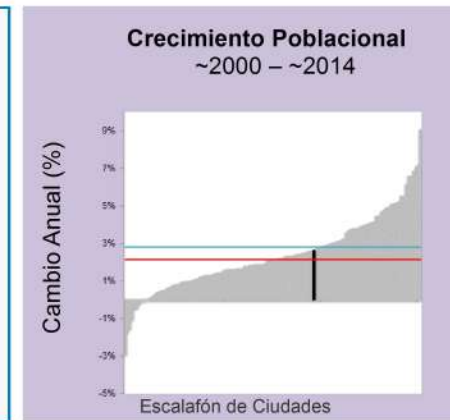
Los Patios, Norte de Santander  
1991-2015



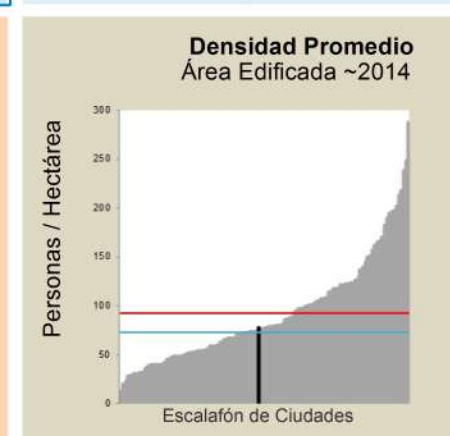
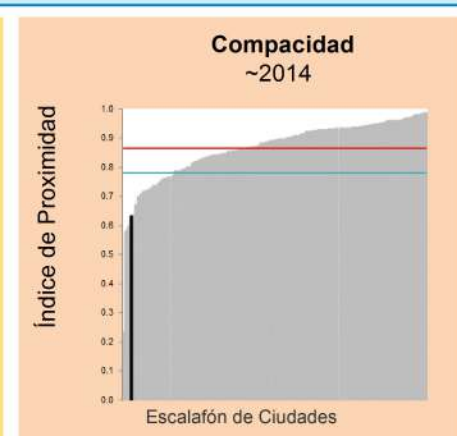
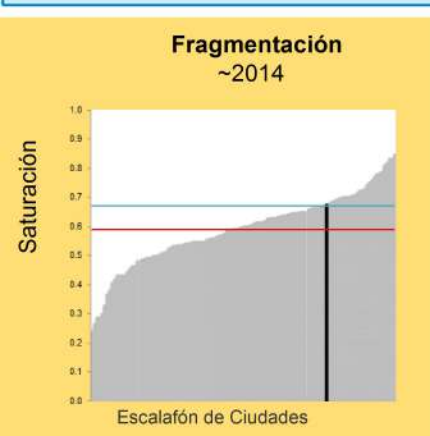
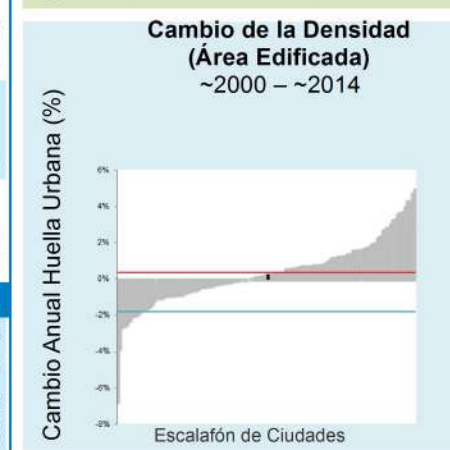
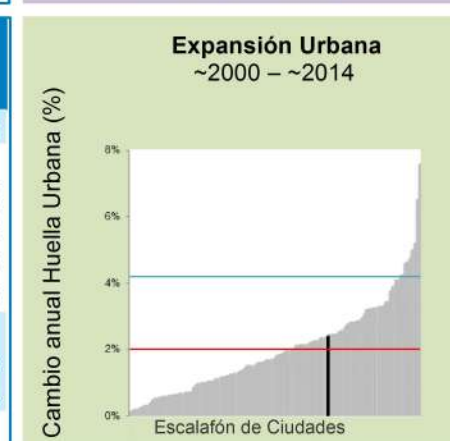


**Leyenda**

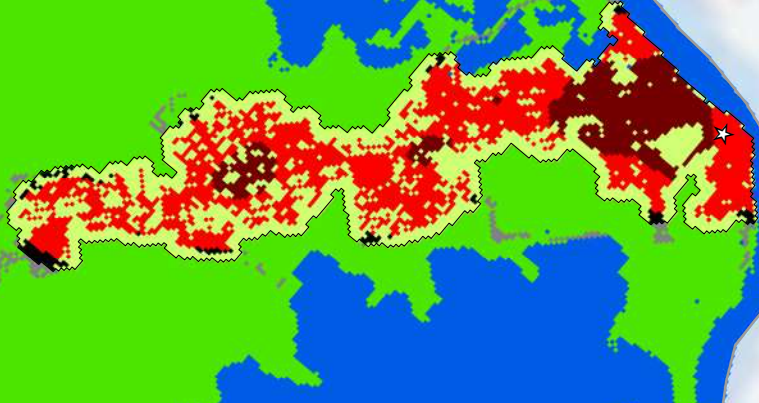
- Los Patios |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



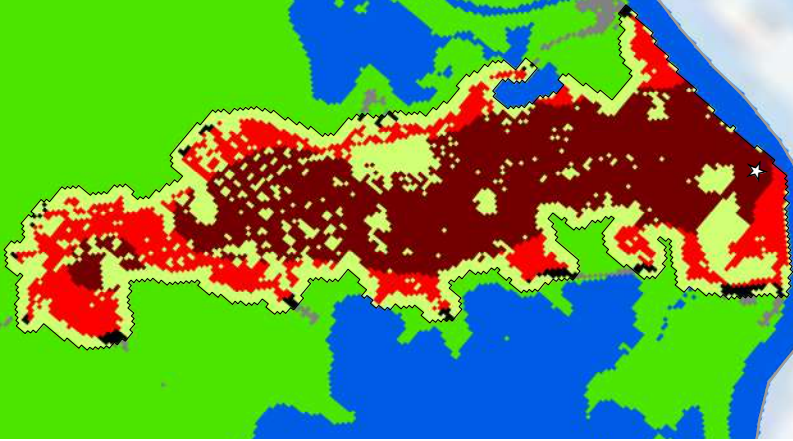
| Métrica                             | May 1991 | Ene 2001 | Ene 2015 | Cambio Anual % ('01-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 37,292   | 61,271   | 88,249   | 2.6                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 279.8    | 546.7    | 770.9    | 2.5                      |
| Urbana                              | 114.8    | 409.6    | 613.0    | 2.9                      |
| Suburbana                           | 156.2    | 126.0    | 144.1    | 1.0                      |
| Rural                               | 8.8      | 11.2     | 13.9     | 1.5                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 241      | 271      | 371      | 2.2                      |
| Huella Urbana                       | 521      | 818      | 1,142    | 2.4                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 133.3    | 112.1    | 114.5    | 0.2                      |
| Densidad de la Huella Urbana        | 71.5     | 74.9     | 77.3     | 0.2                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.54     | 0.67     | 0.68     | 0.1                      |
| Índice de Apertura                  | 0.53     | 0.37     | 0.35     | -0.4                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.68     | 0.65     | 0.63     | -0.2                     |
| Cohesión                            | 0.68     | 0.66     | 0.63     | -0.3                     |
| Área Agregada (Hectáreas)           | '91-'01  | Porción  | '01-'15  | Porción                  |
| Relleno                             | 91.08    | 34.14%   | 70.38    | 31.41%                   |
| Extensión                           | 143.37   | 53.73%   | 71.19    | 31.78%                   |
| Crecimiento Discontinuo             | 8.37     | 3.14%    | 7.47     | 3.33%                    |
| Inclusión                           | 24.0     | 8.99%    | 75.0     | 33.48%                   |



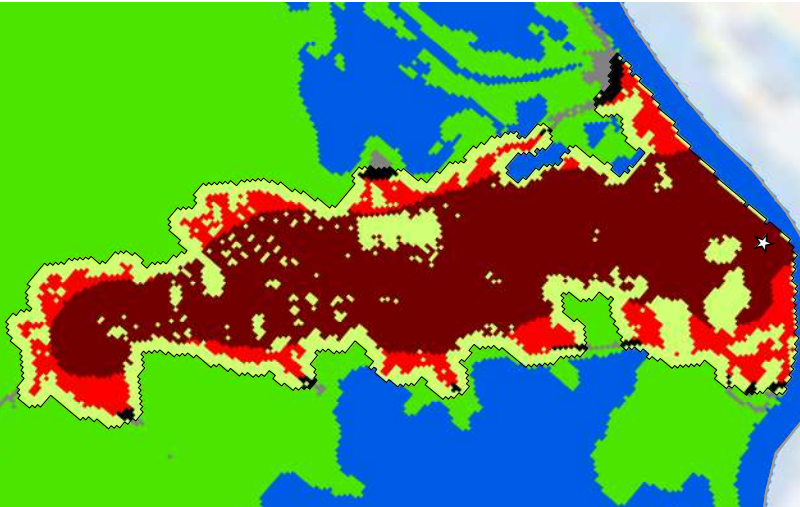
Ene-1987



Jul-2001



Jul-2014



### Magangué, Bolívar 1987-2014

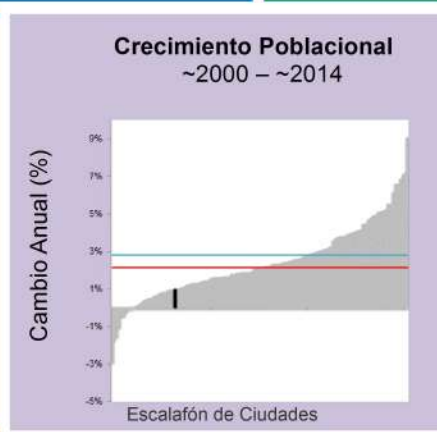


- |                            |                          |
|----------------------------|--------------------------|
| Zona de Estudio            | Espacio Abierto Rural    |
| Huella Urbana              | Área Edificada Exurbana  |
| Área Edificada Urbana      | Espacio Abierto Exurbana |
| Área Edificada Suburbana   | Agua                     |
| Área Edificada Rural       | Sin datos                |
| Espacio Abierto Urbanizado | Centro urbano            |

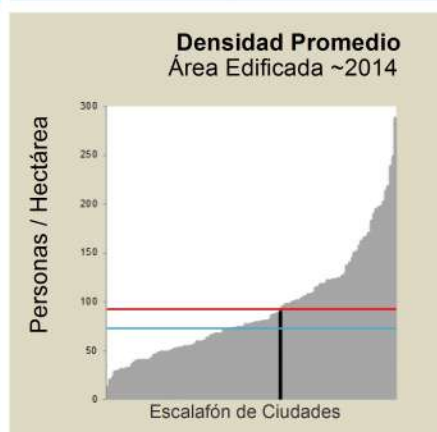
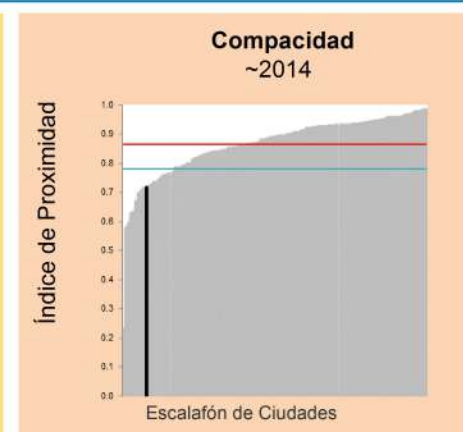
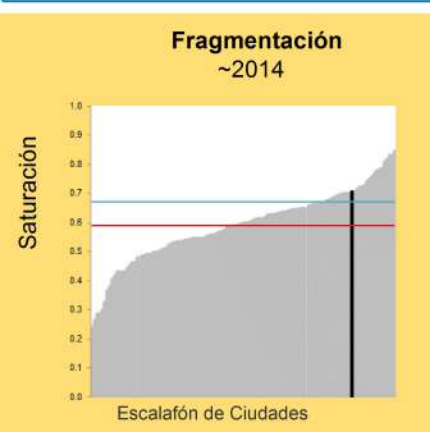
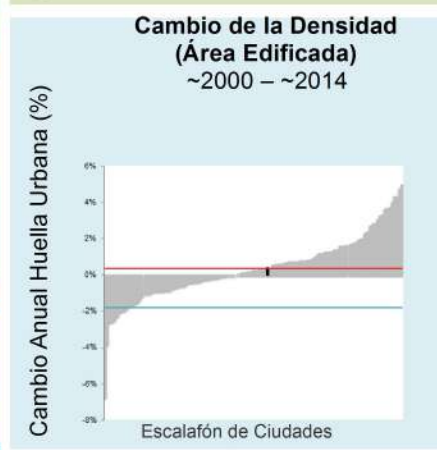
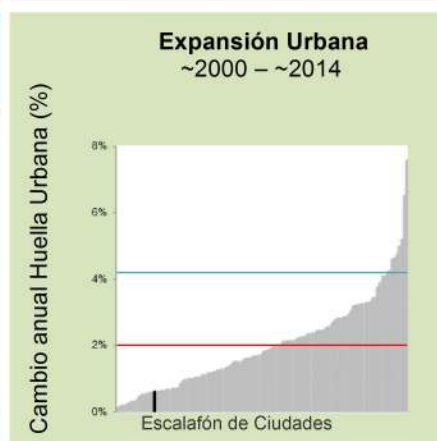


**Legenda**

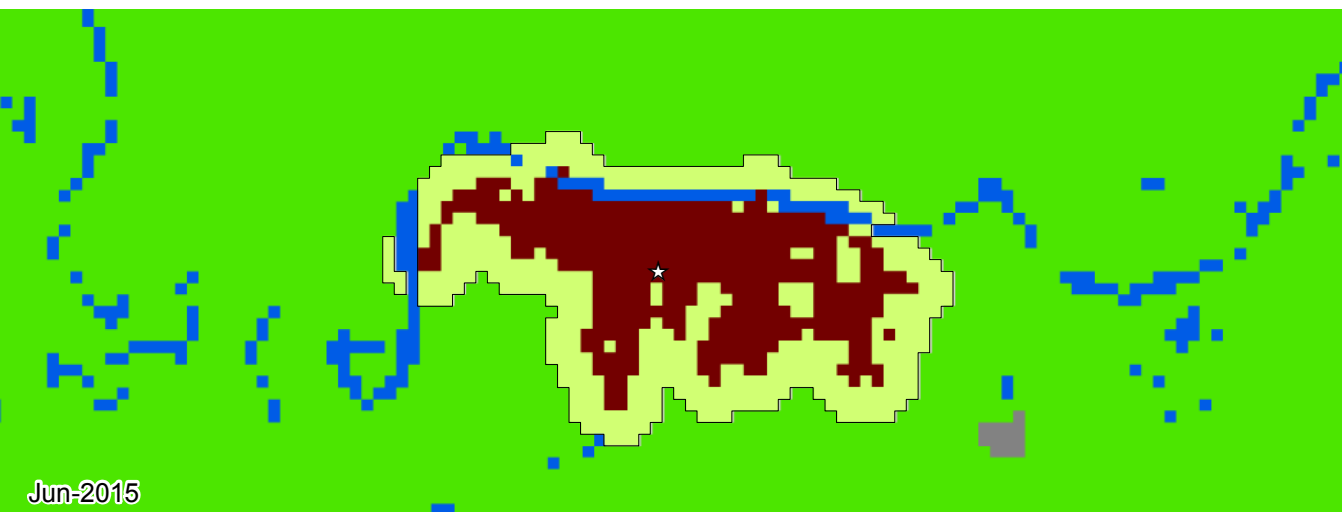
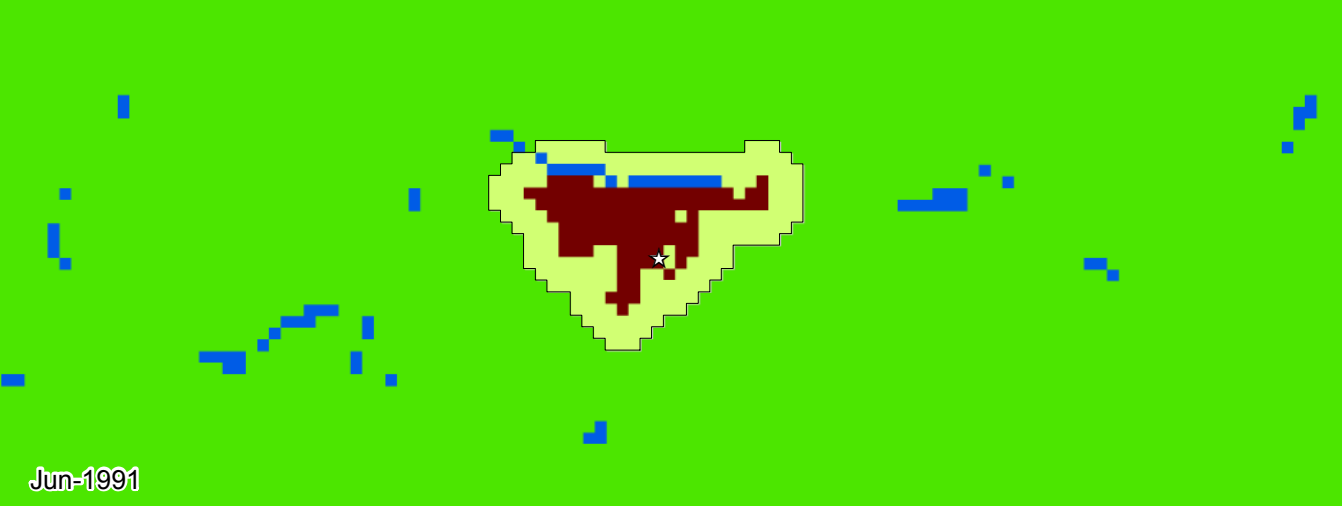
- Magangué |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



| Métrica                             | Ene 1987 | Jul 2001 | Jul 2014 | Cambio Anual % ('01-'14) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 44,122   | 67,441   | 76,538   | 1.0                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 297.5    | 510.6    | 603.5    | 1.3                      |
| Urbana                              | 78.0     | 338.2    | 465.2    | 2.5                      |
| Suburbana                           | 208.4    | 161.0    | 127.4    | -1.8                     |
| Rural                               | 11.0     | 11.3     | 10.9     | -0.3                     |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 238      | 279      | 251      | -0.8                     |
| Huella Urbana                       | 535      | 789      | 854      | 0.6                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 148.3    | 132.1    | 126.8    | -0.3                     |
| Densidad de la Huella Urbana        | 82.3     | 85.4     | 89.5     | 0.4                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.56     | 0.65     | 0.71     | 0.7                      |
| Índice de Apertura                  | 0.56     | 0.42     | 0.36     | -1.2                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.61     | 0.70     | 0.72     | 0.2                      |
| Cohesión                            | 0.61     | 0.70     | 0.72     | 0.2                      |
| Área Agregada (Hectáreas)           | '87-'01  | Porción  | '01-'14  | Porción                  |
| Relleno                             | 65.79    | 30.88%   | 61.74    | 66.8%                    |
| Extensión                           | 126.36   | 59.32%   | 19.98    | 21.62%                   |
| Crecimiento Discontinuo             | 3.87     | 1.82%    | 1.71     | 1.85%                    |
| Inclusión                           | 17.0     | 7.98%    | 9.0      | 9.74%                    |



















## Magüí Payán, Nariño 1991-2015

0 0.5 1 km

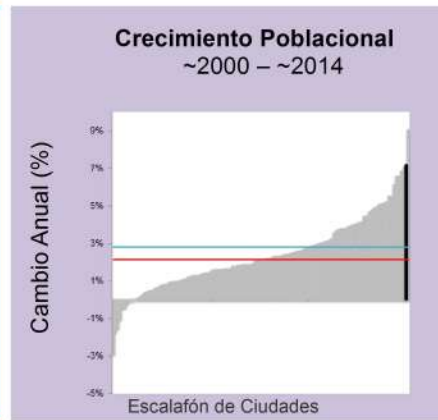


- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |   | Centro urbano            |

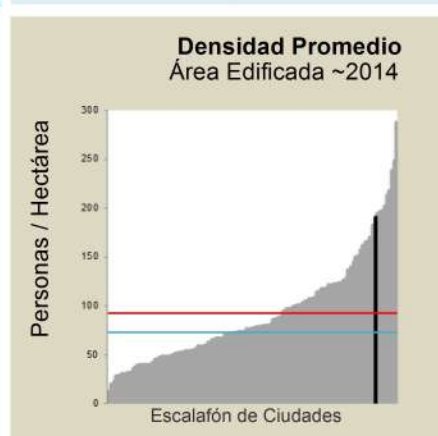
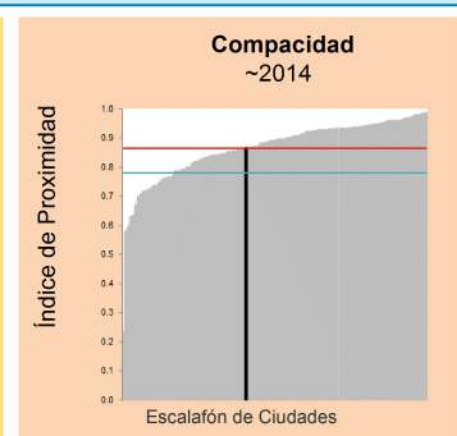
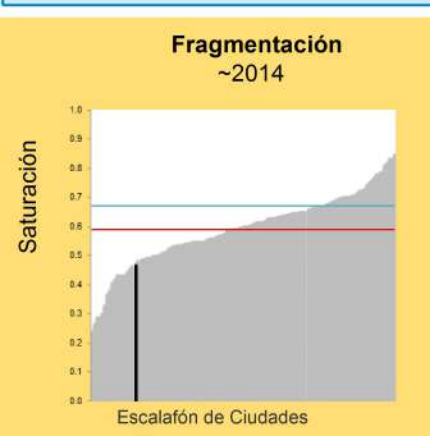
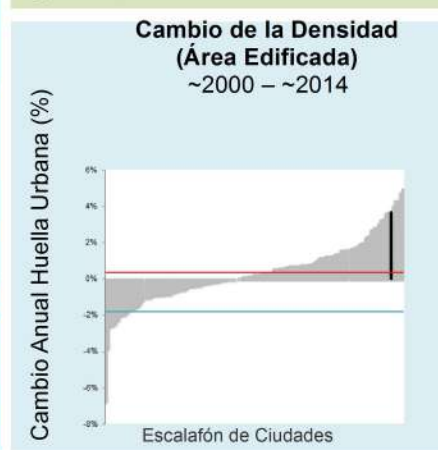
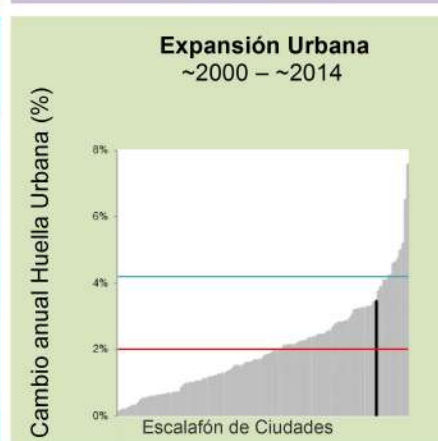


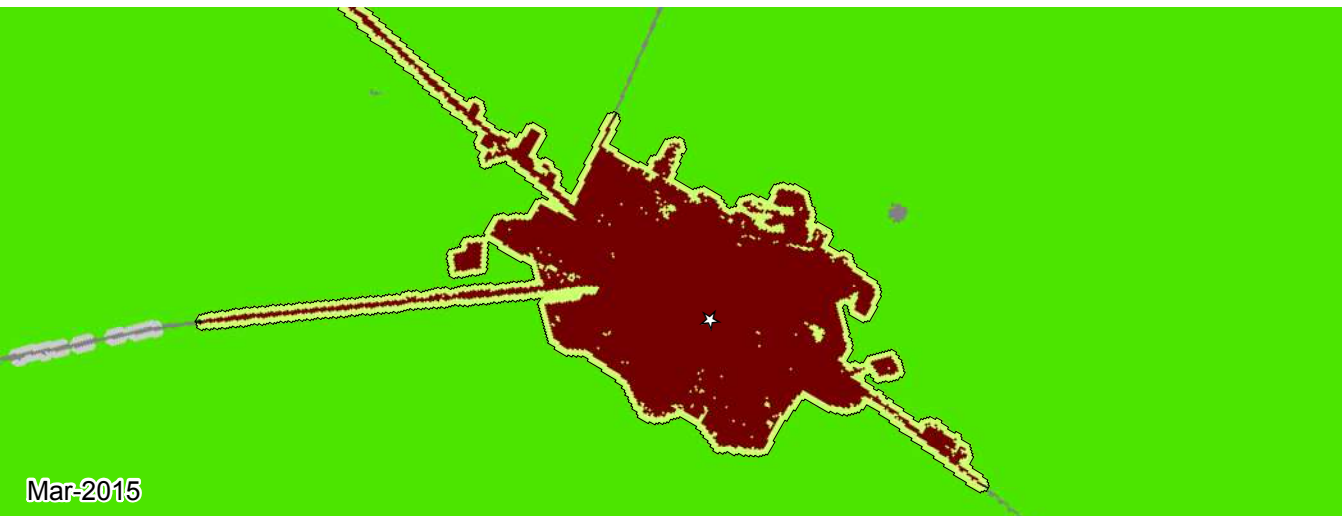
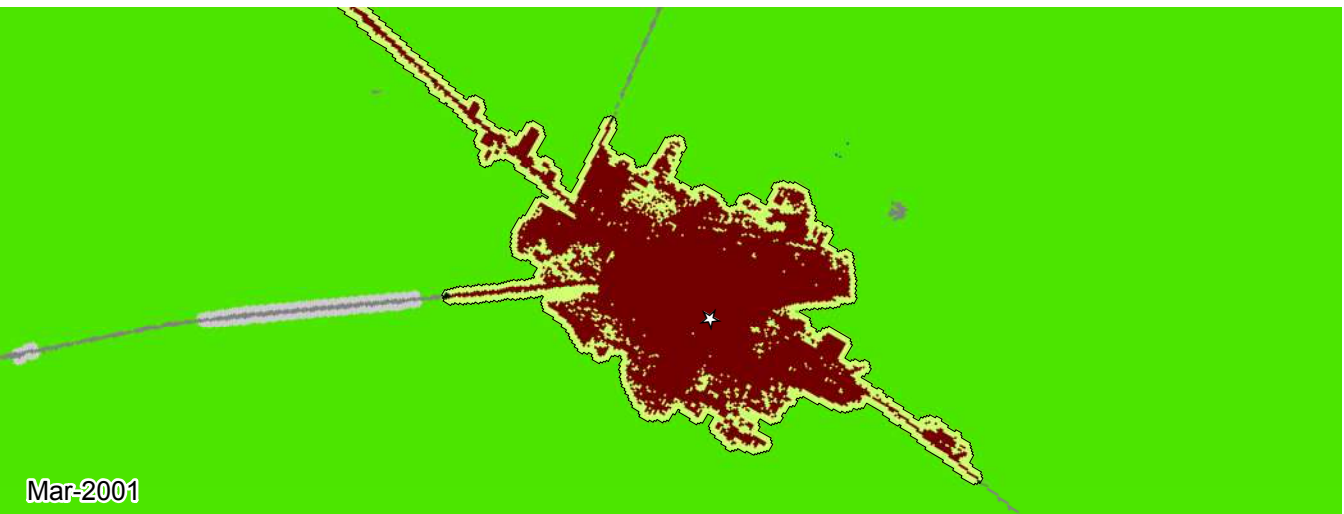
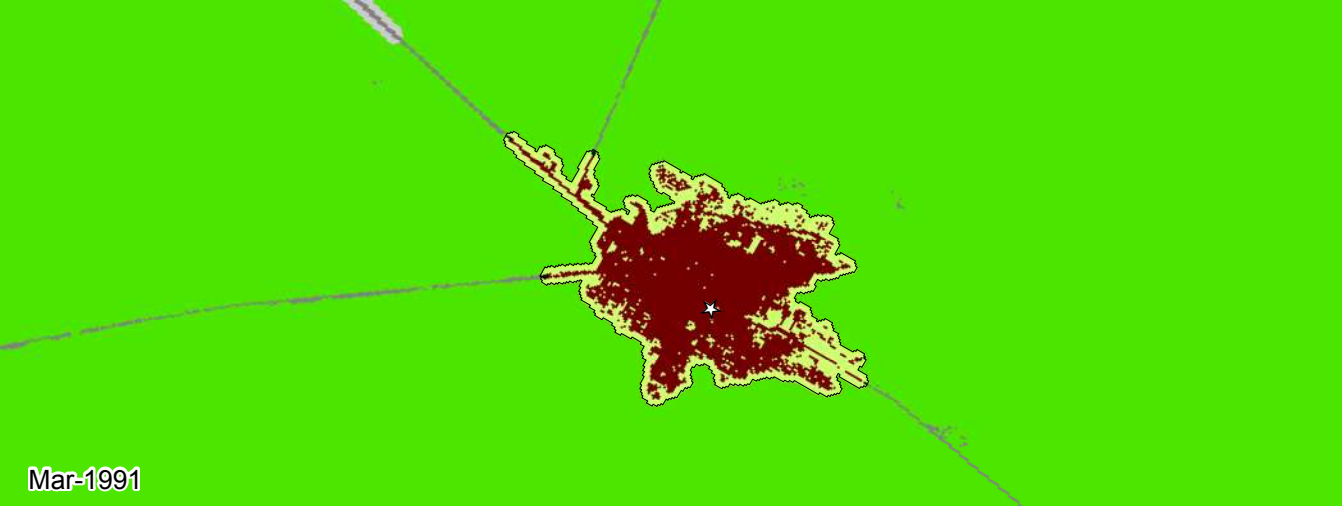
**Legenda**

- Magüí Payán |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



| Métrica                             | Jun 1991 | Feb 1998 | Jun 2015 | Cambio Anual % ('98-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 2,140    | 3,898    | 13,457   | 7.1                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 9.4      | 15.3     | 32.9     | 4.4                      |
| Urbana                              | 9.4      | 15.3     | 32.9     | 4.4                      |
| Suburbana                           | 0.0      | 0.0      | 0.0      | 0.0                      |
| Rural                               | 0.0      | 0.0      | 0.0      | 0.0                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 17       | 23       | 37       | 2.7                      |
| Huella Urbana                       | 26       | 38       | 70       | 3.5                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 228.7    | 254.8    | 408.5    | 2.7                      |
| Densidad de la Huella Urbana        | 79.6     | 100.5    | 190.5    | 3.7                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.35     | 0.39     | 0.47     | 1.0                      |
| Índice de Apertura                  | 0.90     | 0.85     | 0.74     | -0.8                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.92     | 0.93     | 0.87     | -0.4                     |
| Cohesión                            | 0.89     | 0.90     | 0.85     | -0.3                     |
| Área Agregada (Hectáreas)           | '91-'98  | Porción  | '98-'15  | Porción                  |
| Relleno                             | 0.81     | 11.67%   | 3.51     | 19.9%                    |
| Extensión                           | 5.13     | 73.92%   | 14.04    | 79.59%                   |
| Crecimiento Discontinuo             | 0.0      | 0.0%     | 0.09     | 0.51%                    |
| Inclusión                           | 1.0      | 14.41%   | 0.0      | 0.0%                     |















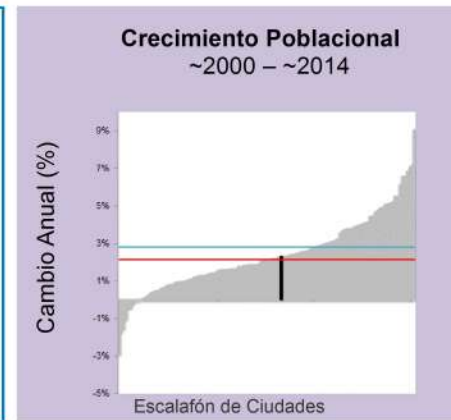
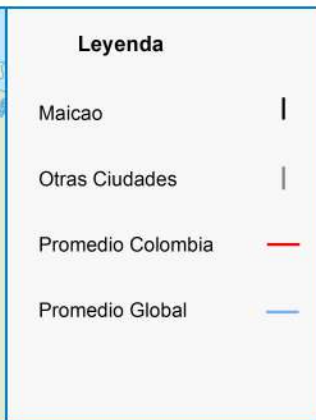


Maicao, Guainía  
1991-2015

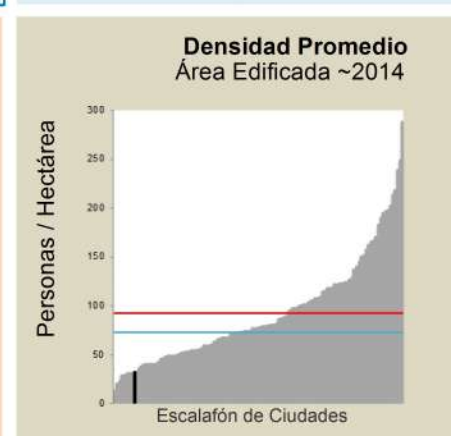
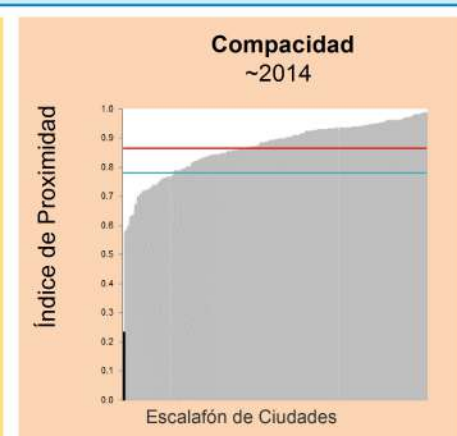
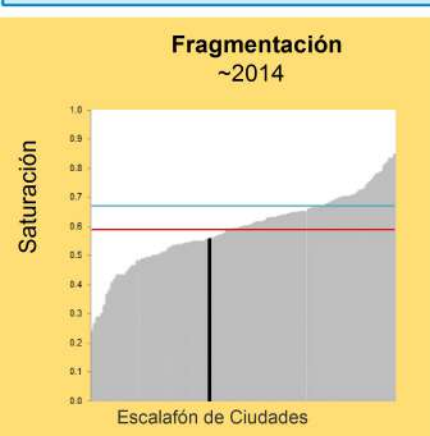
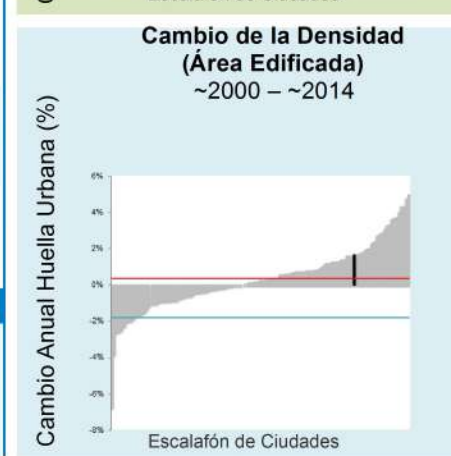
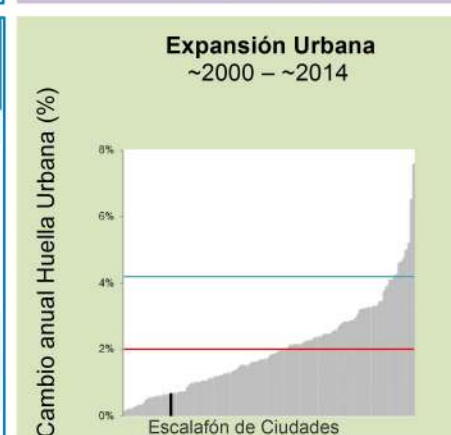
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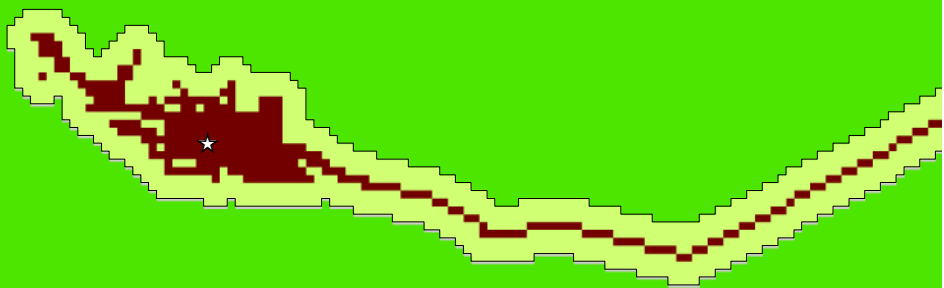
- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |  | Centro urbano            |



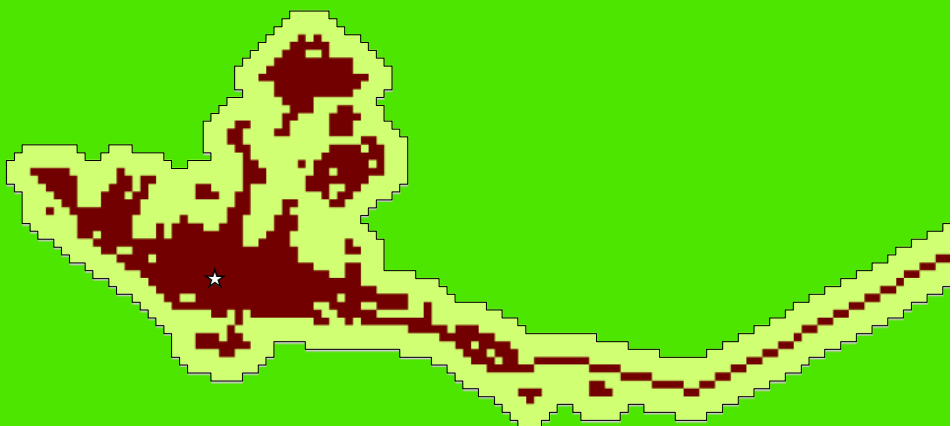
| Métrica                             | Mar 1991 | Mar 2001 | Mar 2015 | Cambio Anual % ('01-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 76,333   | 75,177   | 103,542  | 2.3                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 571.1    | 1,514.8  | 1,798.6  | 1.2                      |
| Urbana                              | 569.1    | 1,507.8  | 1,797.0  | 1.3                      |
| Suburbana                           | 0.0      | 0.0      | 0.0      | 0.0                      |
| Rural                               | 2.0      | 7.0      | 1.5      | -10.9                    |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 349      | 1,433    | 1,432    | -0.0                     |
| Huella Urbana                       | 920      | 2,948    | 3,231    | 0.7                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 133.7    | 49.6     | 57.6     | 1.1                      |
| Densidad de la Huella Urbana        | 82.9     | 25.5     | 32.0     | 1.6                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.62     | 0.51     | 0.56     | 0.6                      |
| Índice de Apertura                  | 0.31     | 0.46     | 0.40     | -0.9                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.91     | 0.22     | 0.23     | 0.4                      |
| Cohesión                            | 0.90     | 0.24     | 0.25     | 0.4                      |
| Área Agregada (Hectáreas)           | '91-'01  | Porción  | '01-'15  | Porción                  |
| Relleno                             | 132.21   | 14.02%   | 126.18   | 44.52%                   |
| Extensión                           | 359.91   | 38.16%   | 123.57   | 43.59%                   |
| Crecimiento Discontinuo             | 49.95    | 5.3%     | 11.7     | 4.13%                    |
| Inclusión                           | 401.0    | 42.52%   | 22.0     | 7.76%                    |



Ene-1987



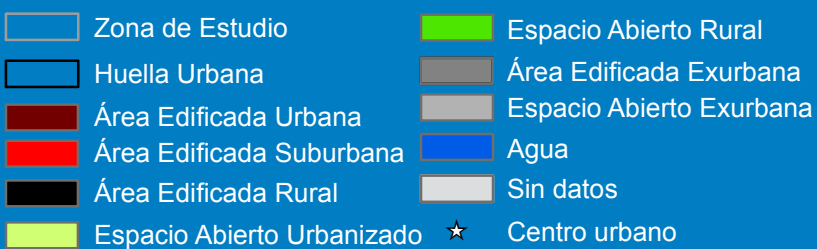
Jul-2001



Jul-2014



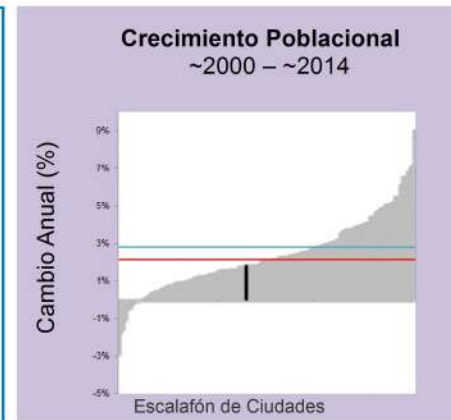
Majagual, Sucre  
1987-2014



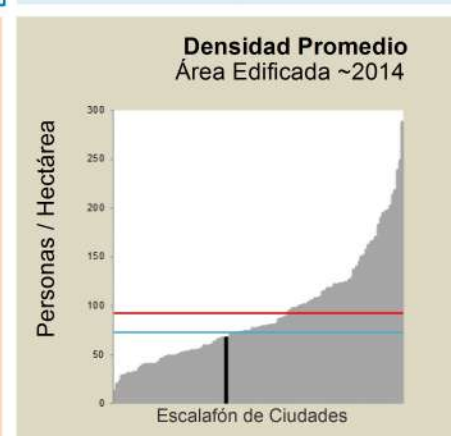
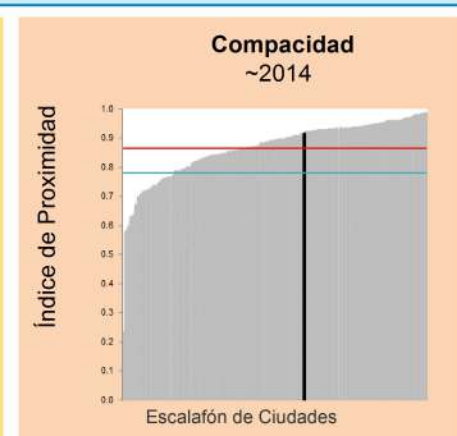
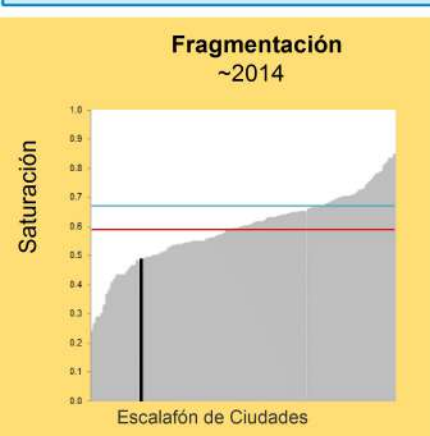
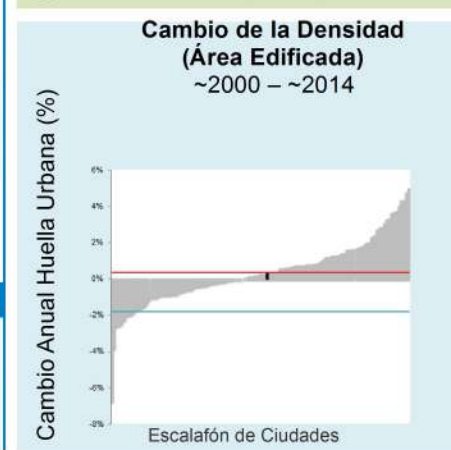
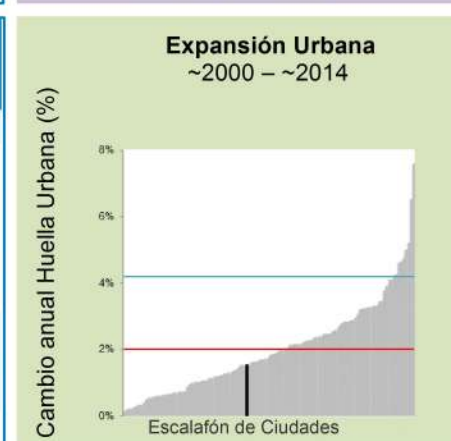


**Legenda**

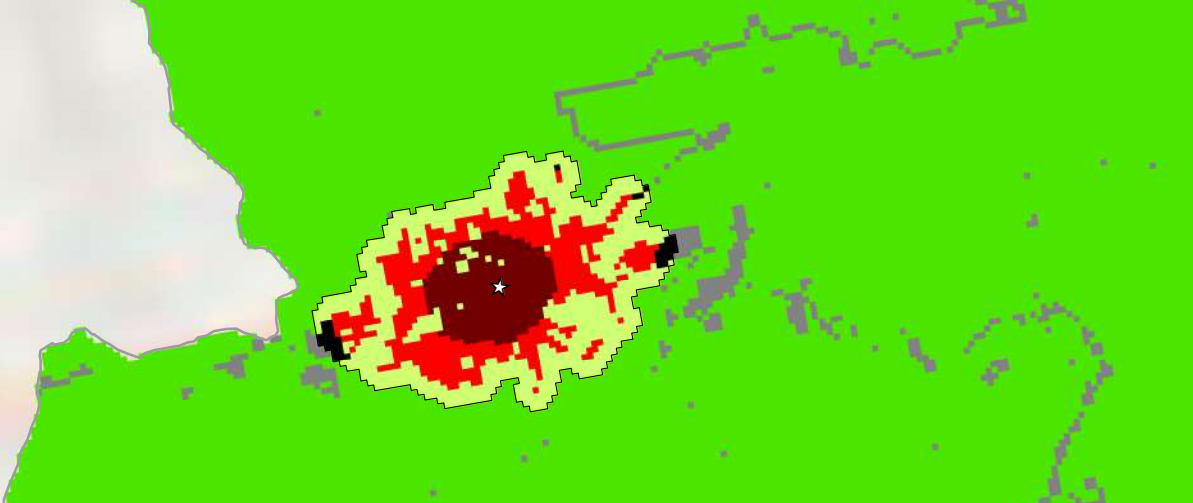
- Majagual |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



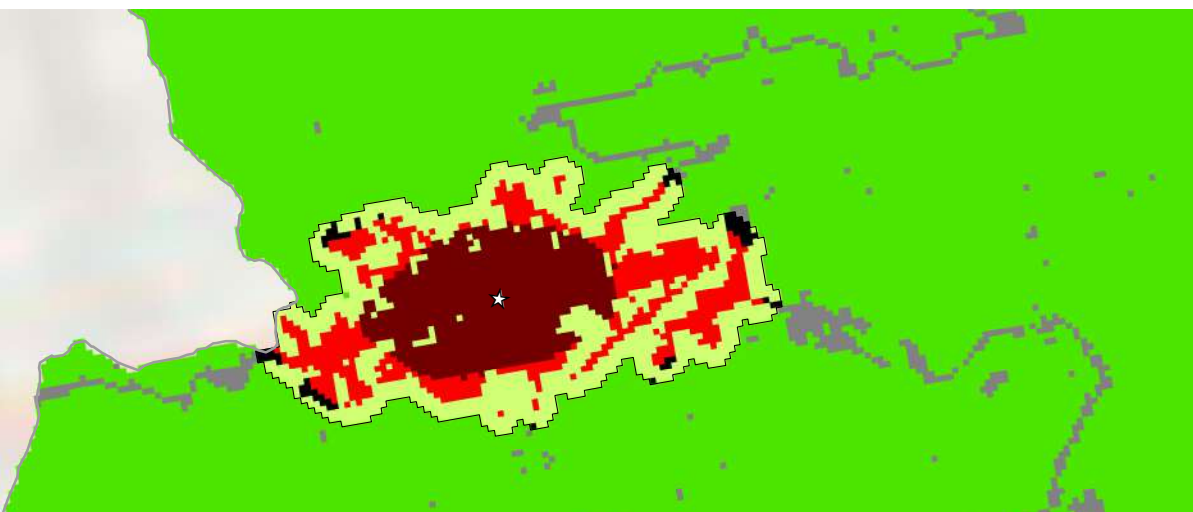
| Métrica                             | Ene 1987 | Jul 2001 | Jul 2014 | Cambio Anual % ('01-'14) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 4,886    | 8,792    | 11,128   | 1.8                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 16.3     | 55.4     | 79.7     | 2.8                      |
| Urbana                              | 14.8     | 53.6     | 76.7     | 2.7                      |
| Suburbana                           | 0.0      | 0.0      | 0.0      | 0.0                      |
| Rural                               | 1.4      | 1.7      | 3.1      | 4.5                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 23       | 79       | 84       | 0.5                      |
| Huella Urbana                       | 39       | 134      | 164      | 1.5                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 300.0    | 158.8    | 139.6    | -1.0                     |
| Densidad de la Huella Urbana        | 122.3    | 65.2     | 67.8     | 0.3                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.41     | 0.41     | 0.49     | 1.3                      |
| Índice de Apertura                  | 0.84     | 0.72     | 0.62     | -1.2                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.91     | 0.91     | 0.92     | 0.1                      |
| Cohesión                            | 0.89     | 0.89     | 0.90     | 0.1                      |
| Área Agregada (Hectáreas)           | '87-'01  | Porción  | '01-'14  | Porción                  |
| Relleno                             | 3.6      | 9.41%    | 14.13    | 59.9%                    |
| Extensión                           | 30.15    | 78.78%   | 6.57     | 27.85%                   |
| Crecimiento Discontinuo             | 2.52     | 6.58%    | 1.89     | 8.01%                    |
| Inclusión                           | 2.0      | 5.23%    | 1.0      | 4.24%                    |



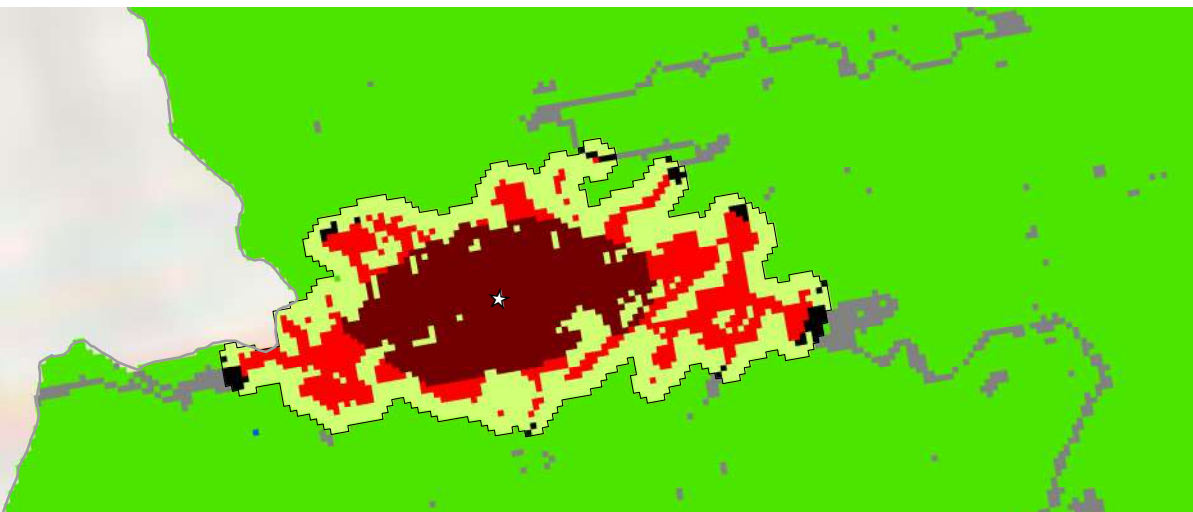
Sep-1992



Dic-2000















Ene-2015



## Malaga, Santander 1992-2015

0 1 2 km



- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |   | Centro urbano            |

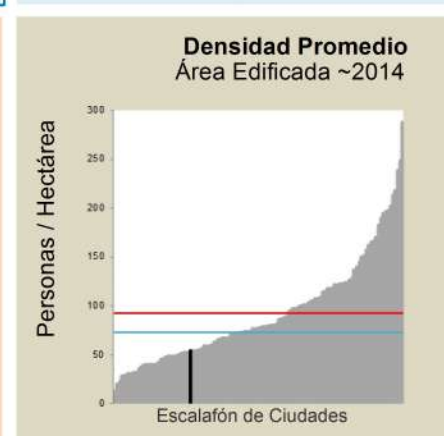
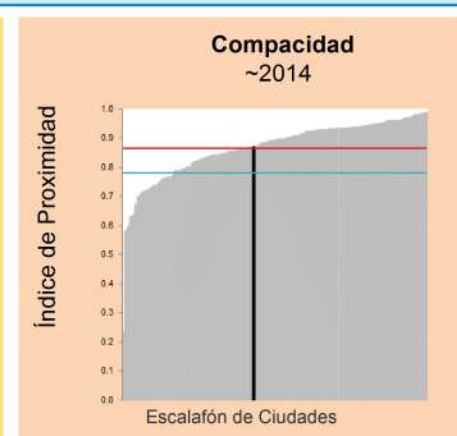
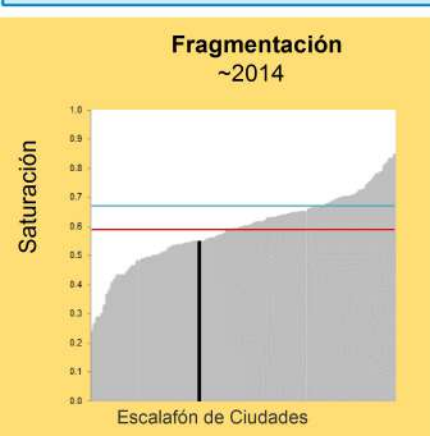
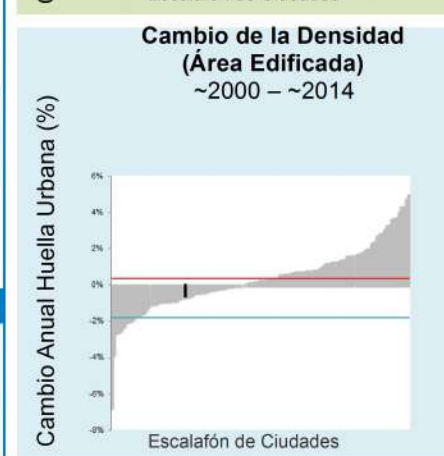
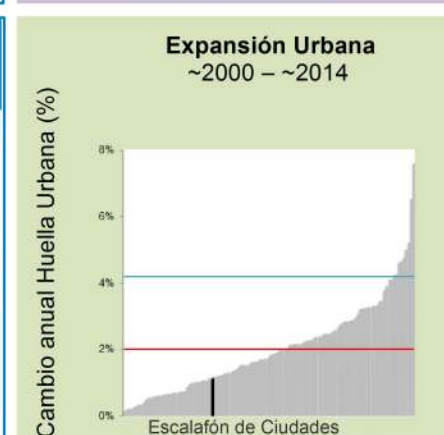


**Legenda**

- Malaga |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —

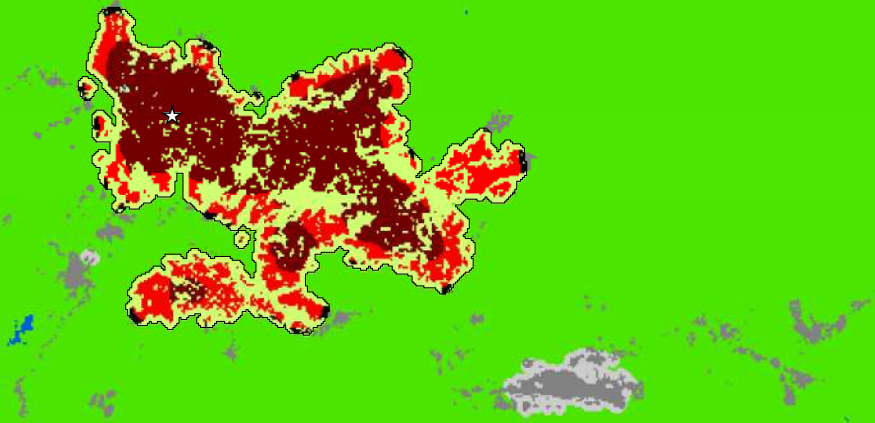


| Métrica                             | Sep 1992 | Dic 2000 | Ene 2015 | Cambio Anual % ('00-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 11,475   | 13,806   | 14,725   | 0.5                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 76.4     | 127.5    | 149.8    | 1.1                      |
| Urbana                              | 27.3     | 67.2     | 82.1     | 1.4                      |
| Suburbana                           | 45.8     | 54.5     | 62.1     | 0.9                      |
| Rural                               | 3.3      | 5.8      | 5.7      | -0.1                     |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 74       | 105      | 123      | 1.1                      |
| Huella Urbana                       | 151      | 233      | 273      | 1.1                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 150.2    | 108.3    | 98.3     | -0.7                     |
| Densidad de la Huella Urbana        | 75.9     | 59.1     | 53.9     | -0.7                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.51     | 0.55     | 0.55     | 0.0                      |
| Índice de Apertura                  | 0.54     | 0.50     | 0.49     | -0.2                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.95     | 0.89     | 0.87     | -0.1                     |
| Cohesión                            | 0.94     | 0.88     | 0.86     | -0.1                     |
| Área Agregada (Hectáreas)           | '92-'00  | Porción  | '00-'15  | Porción                  |
| Relleno                             | 15.3     | 30.28%   | 8.19     | 37.18%                   |
| Extensión                           | 15.21    | 30.1%    | 6.39     | 29.01%                   |
| Crecimiento Discontinuo             | 7.02     | 13.89%   | 0.45     | 2.04%                    |
| Inclusión                           | 13.0     | 25.73%   | 7.0      | 31.77%                   |

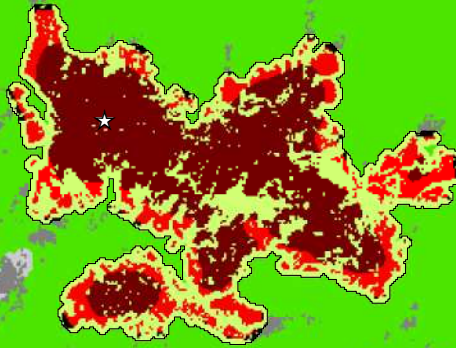




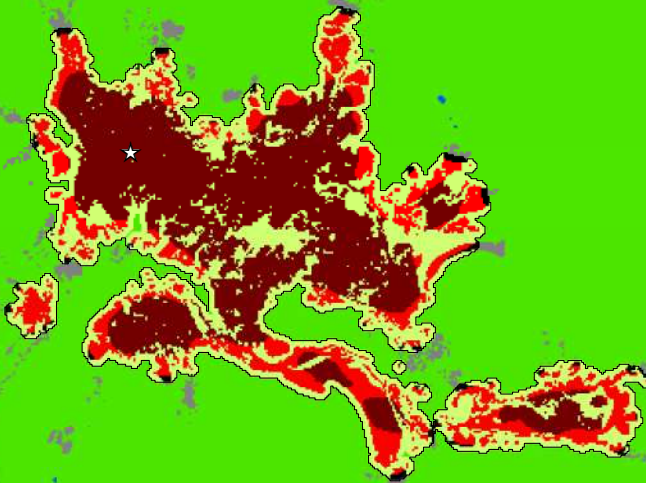
Ago-1989



Jul-2002

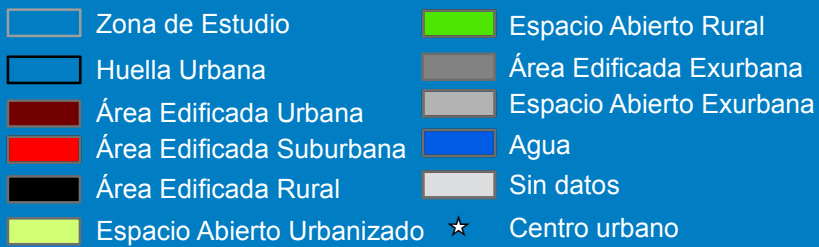


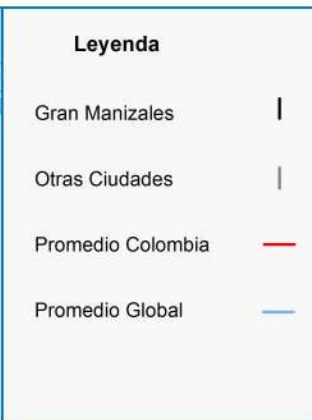
Jul-2014



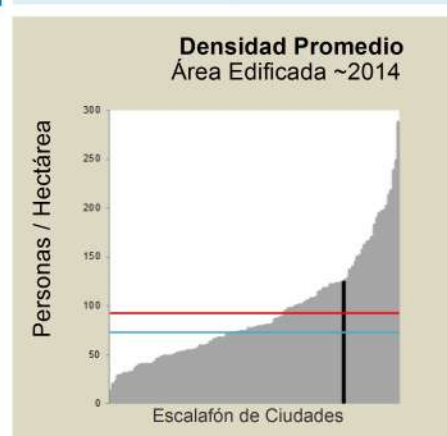
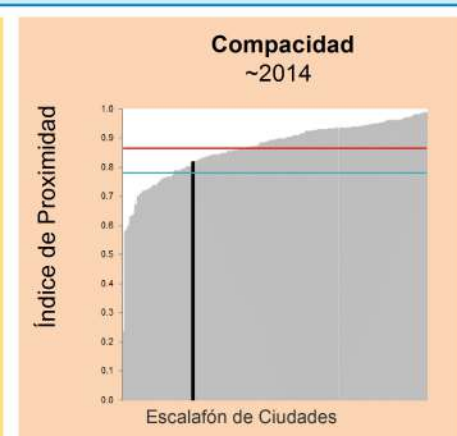
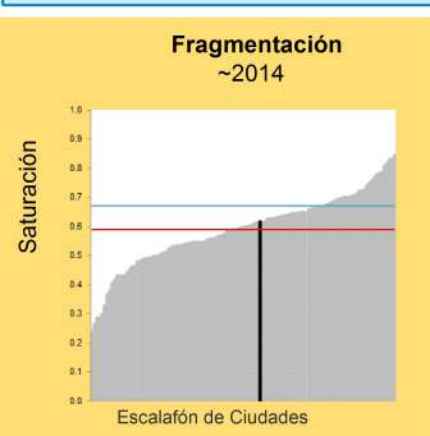
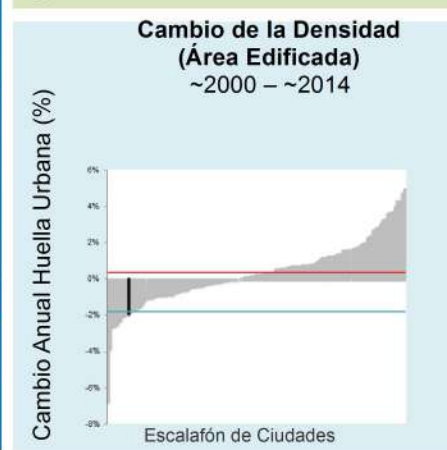
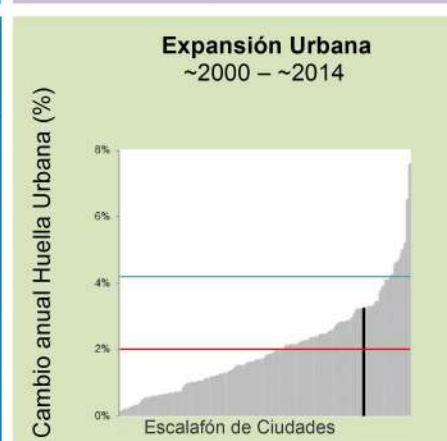
## Gran Manizales, Caldas 1989-2014

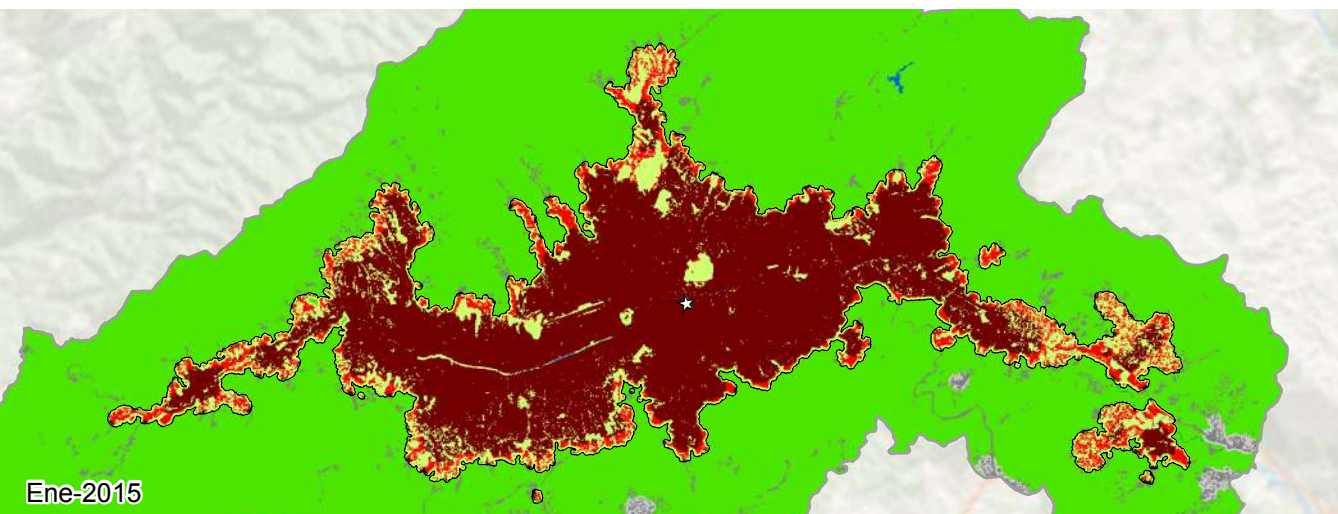
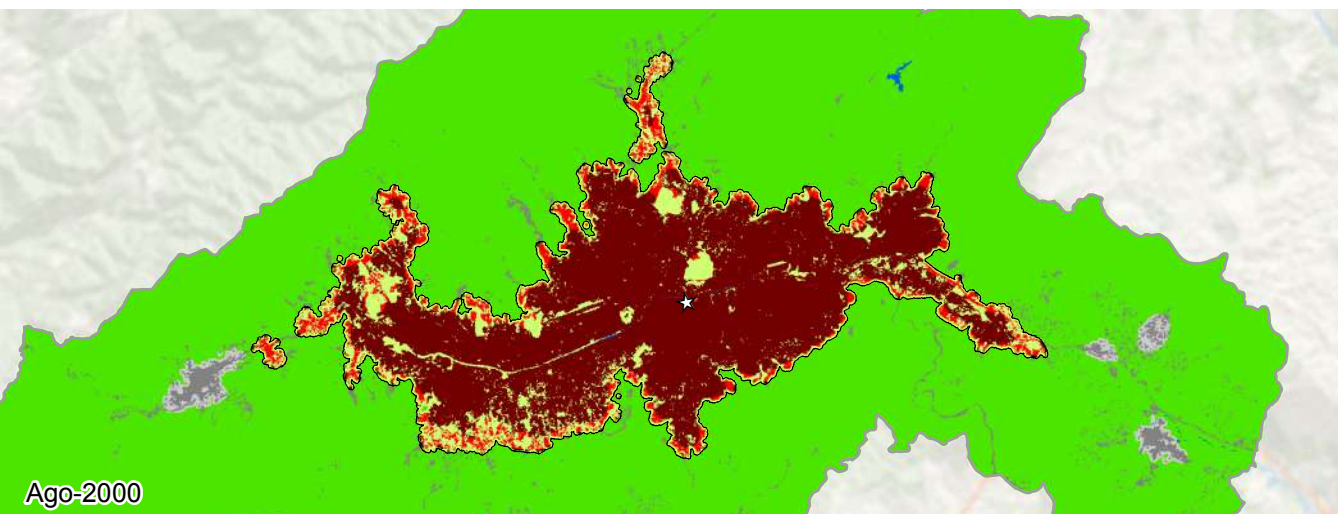
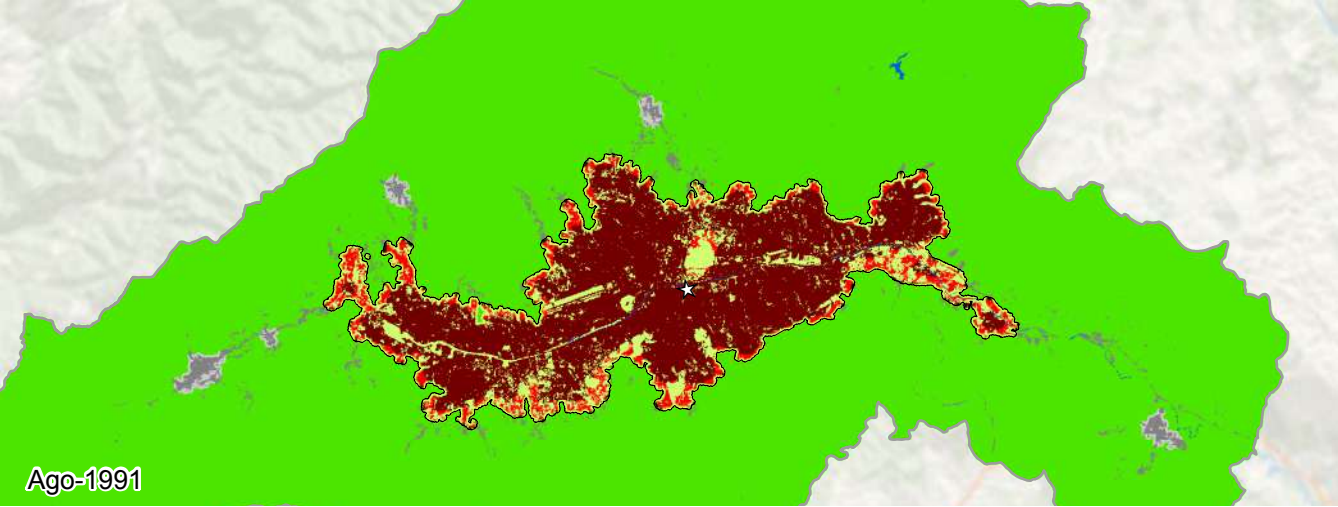
0 1 2 3 4 km





| Métrica                             | Ago 1989 | Jul 2002 | Jul 2014 | Cambio Anual % ('02-'14) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 269,305  | 309,878  | 361,529  | 1.3                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 1,071.7  | 1,208.6  | 1,790.6  | 3.3                      |
| Urbana                              | 670.1    | 851.8    | 1,205.9  | 2.9                      |
| Suburbana                           | 372.9    | 332.6    | 540.5    | 4.0                      |
| Rural                               | 28.7     | 24.2     | 44.2     | 5.0                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 747      | 762      | 1,115    | 3.2                      |
| Huella Urbana                       | 1,818    | 1,970    | 2,906    | 3.2                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 251.3    | 256.4    | 201.9    | -2.0                     |
| Densidad de la Huella Urbana        | 148.1    | 157.2    | 124.4    | -2.0                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.59     | 0.61     | 0.62     | 0.0                      |
| Índice de Apertura                  | 0.42     | 0.38     | 0.38     | 0.1                      |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.87     | 0.89     | 0.82     | -0.7                     |
| Cohesión                            | 0.87     | 0.88     | 0.80     | -0.8                     |
| Área Agregada (Hectáreas)           | '89-'02  | Porción  | '02-'14  | Porción                  |
| Relleno                             | 84.51    | 61.79%   | 138.6    | 23.85%                   |
| Extensión                           | 31.86    | 23.29%   | 93.87    | 16.15%                   |
| Crecimiento Discontinuo             | 4.41     | 3.22%    | 177.66   | 30.57%                   |
| Inclusión                           | 16.0     | 11.7%    | 171.0    | 29.43%                   |

















Gran Medellín, Antioquia  
1991-2015

0 3 6 9 12 km

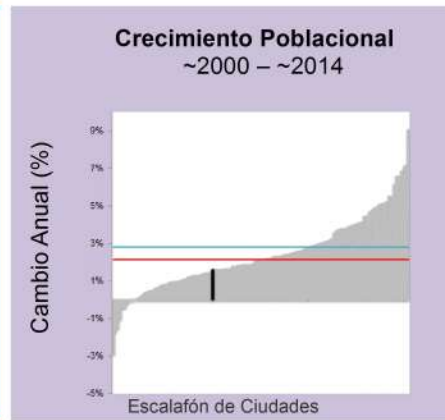


- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |   | Centro urbano            |

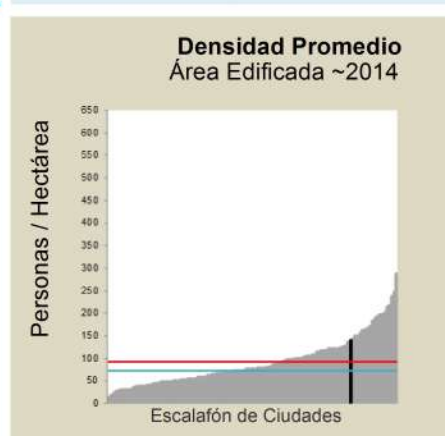
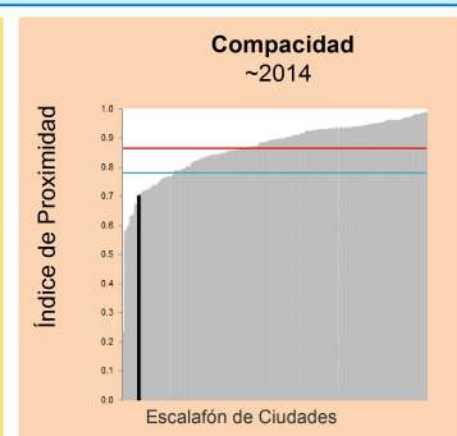
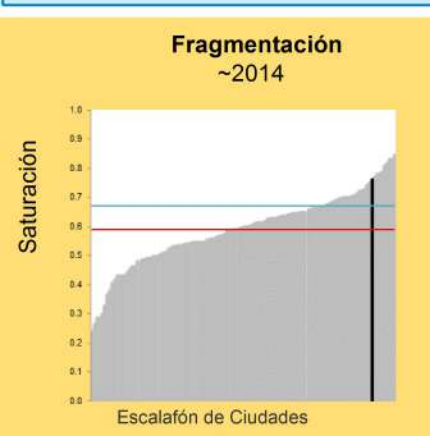
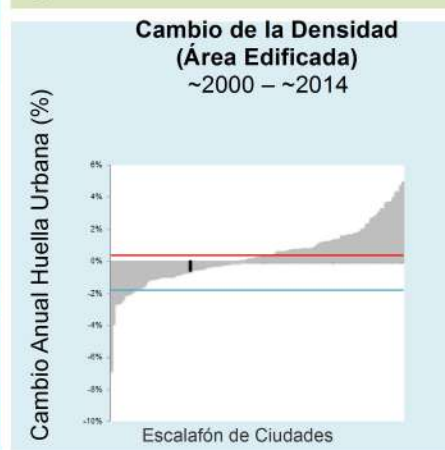
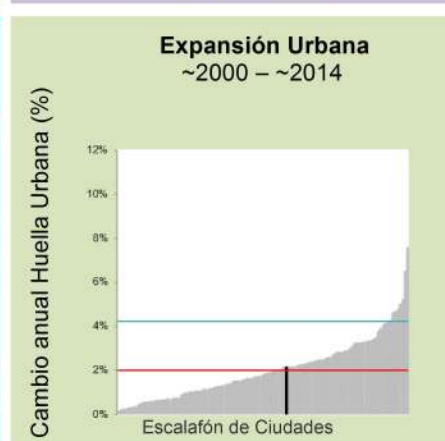


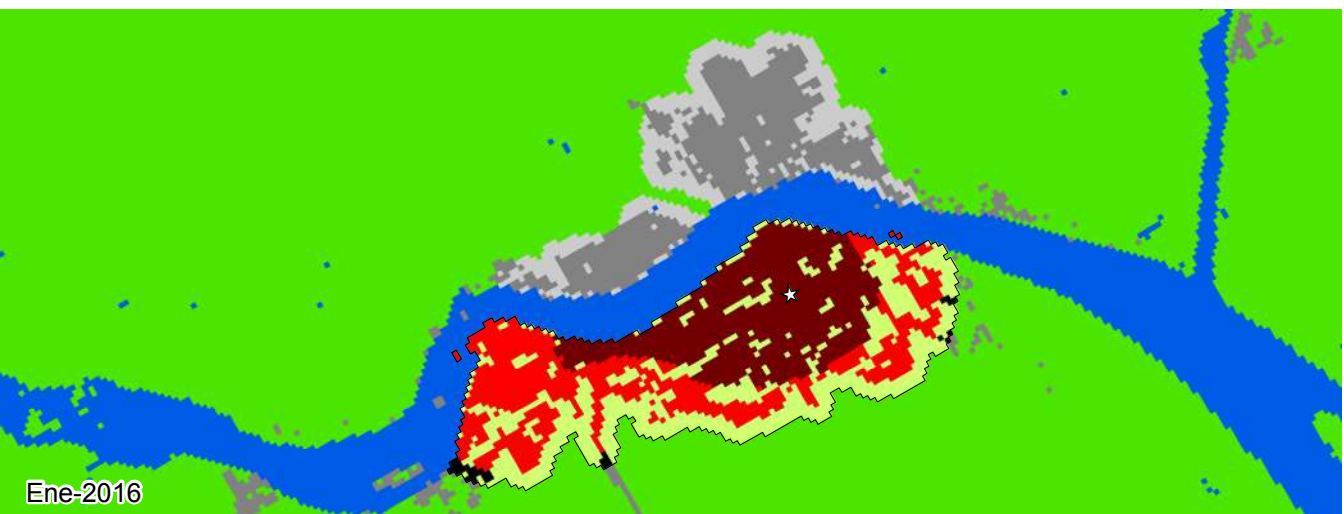
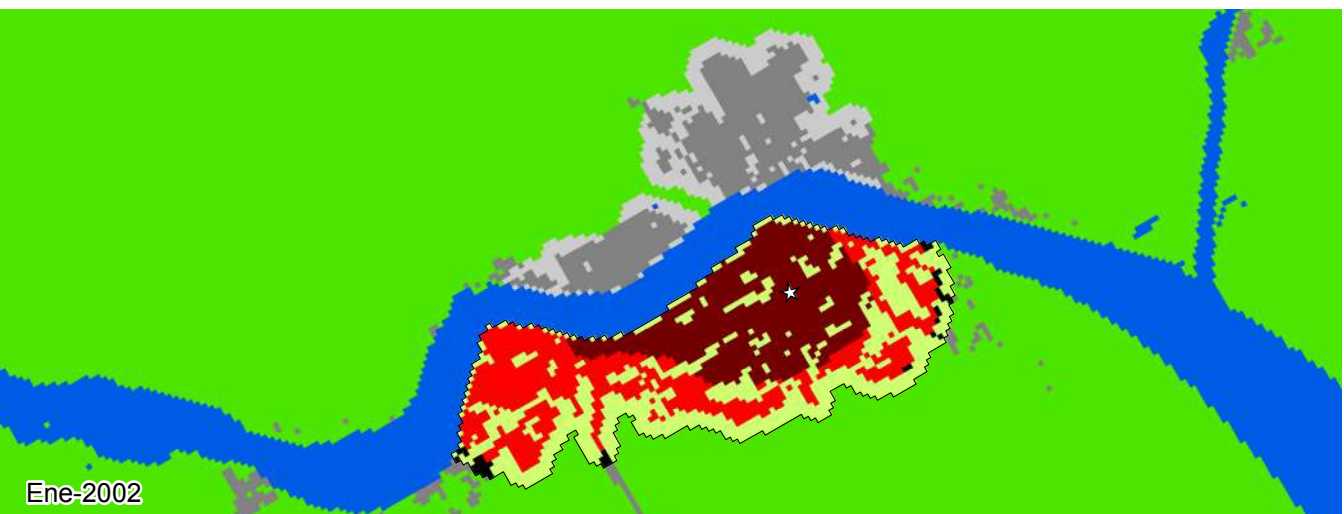
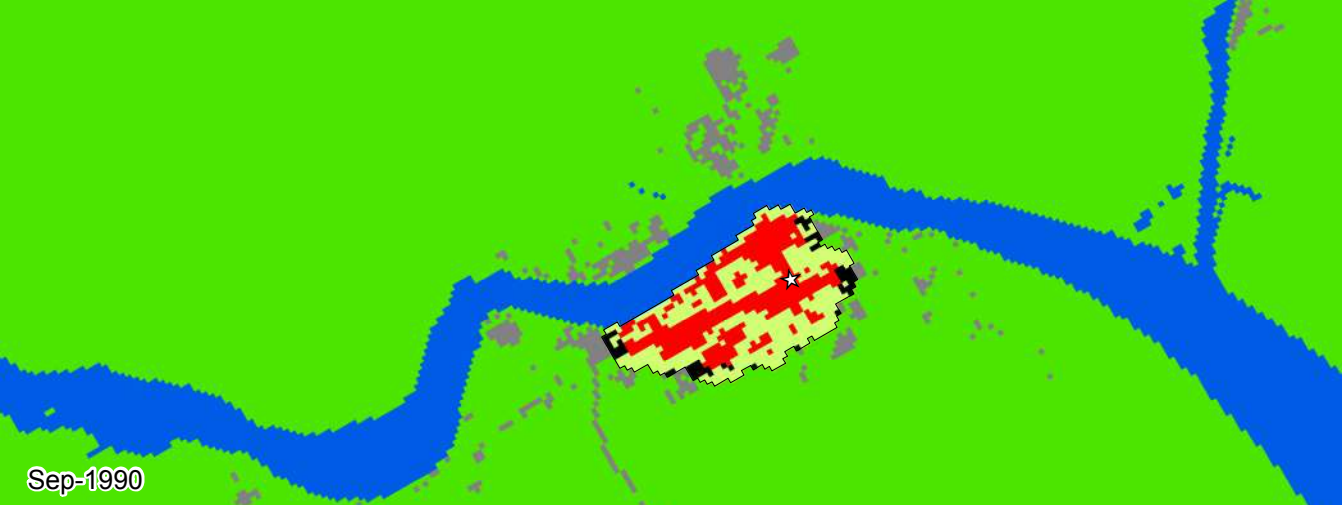
**Legenda**

- Gran Medellín |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —















| Métrica                             | Ago 1991  | Ago 2000  | Ene 2015  | Cambio Anual % ('00-'15) |
|-------------------------------------|-----------|-----------|-----------|--------------------------|
| Población                           | 2,279,470 | 2,680,424 | 3,357,809 | 1.6                      |
| Área Edificada (Hectáreas)          |           |           |           |                          |
| Total                               | 9,852.8   | 13,594.0  | 18,215.8  | 2.0                      |
| Urbana                              | 8,541.2   | 12,049.4  | 15,731.8  | 1.8                      |
| Suburbana                           | 1,216.6   | 1,426.9   | 2,280.3   | 3.3                      |
| Rural                               | 95.0      | 117.7     | 203.7     | 3.8                      |
| Espacio Abierto (Hectáreas)         |           |           |           |                          |
| Espacio Abierto Urbanizado          | 3,493     | 4,022     | 5,730     | 2.5                      |
| Huella Urbana                       | 13,346    | 17,616    | 23,946    | 2.1                      |
| Densidad (Personas / Hectáreas)     |           |           |           |                          |
| Densidad del Área Edificada         | 231.4     | 197.2     | 184.3     | -0.5                     |
| Densidad de la Huella Urbana        | 170.8     | 152.2     | 140.2     | -0.6                     |
| Fragmentación                       |           |           |           |                          |
| Saturación (Área Edif./Huella Urb.) | 0.74      | 0.77      | 0.76      | -0.1                     |
| Índice de Apertura                  | 0.23      | 0.19      | 0.19      | 0.3                      |
| Compacidad (Redondez)               |           |           |           |                          |
| Proximidad                          | 0.75      | 0.78      | 0.70      | -0.7                     |
| Cohesión                            | 0.73      | 0.76      | 0.68      | -0.7                     |
| Área Agregada (Hectáreas)           | '91-'00   | Porción   | '00-'15   | Porción                  |
| Relleno                             | 1,417.68  | 37.9%     | 1,444.14  | 31.25%                   |
| Extensión                           | 1,497.51  | 40.03%    | 1,524.78  | 32.99%                   |
| Crecimiento Discontinuo             | 358.65    | 9.59%     | 594.54    | 12.86%                   |
| Inclusión                           | 467.0     | 12.48%    | 1,058.0   | 22.89%                   |

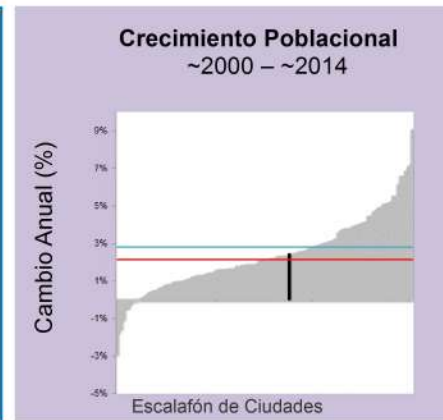
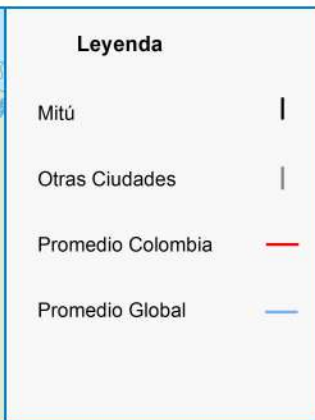




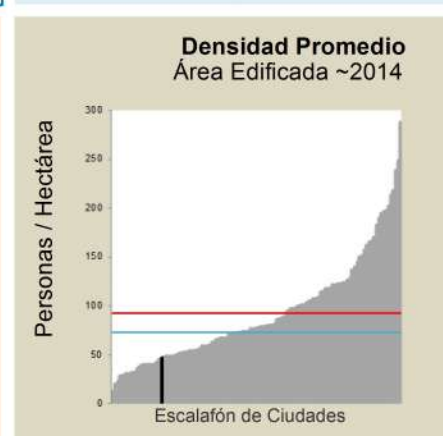
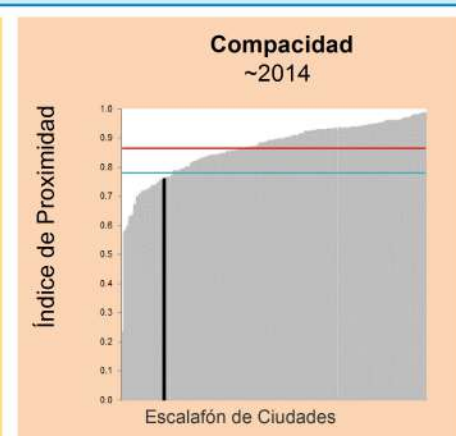
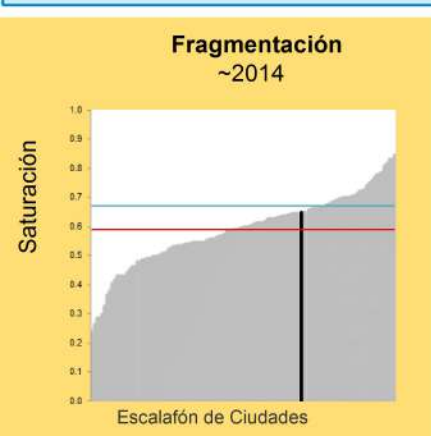
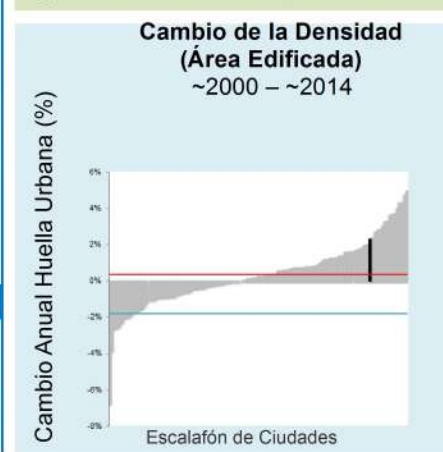
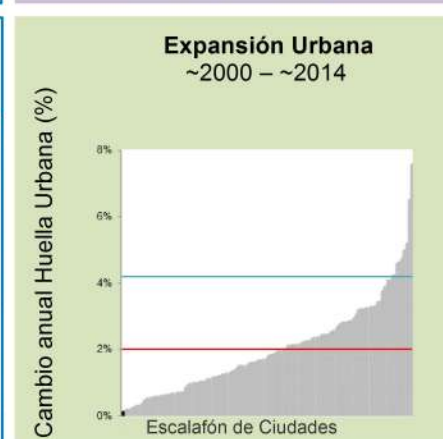
### Mitú, Vaupés 1990-2016

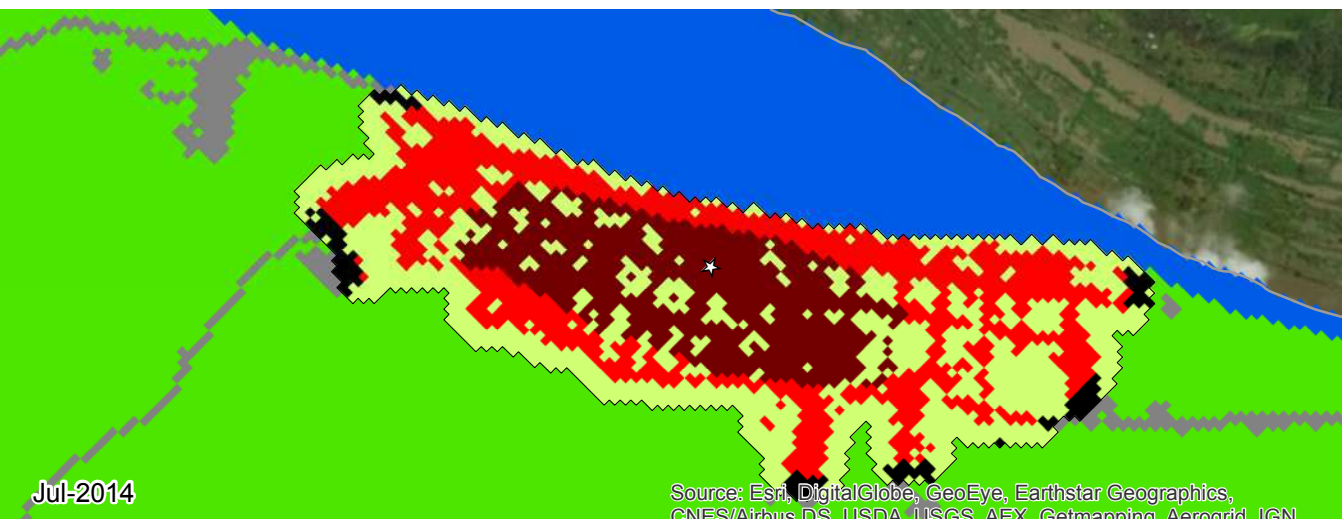
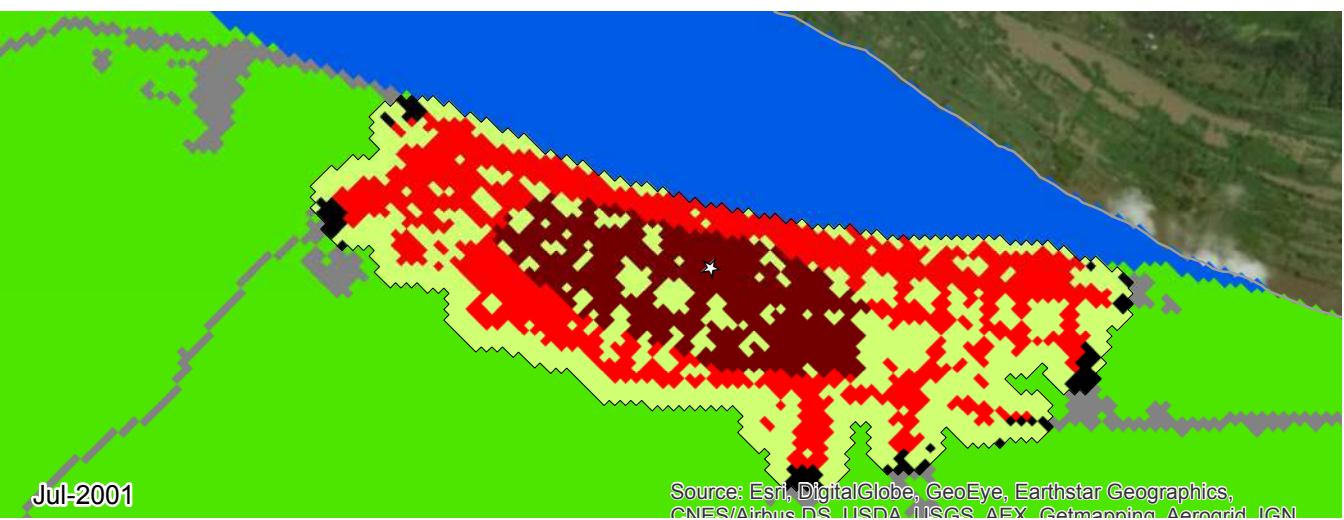


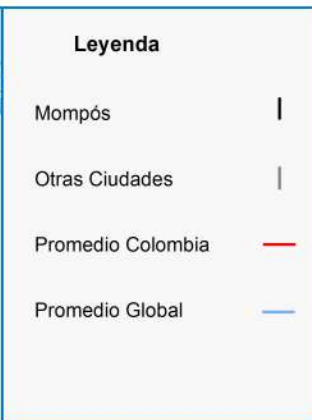
- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |   | Centro urbano            |



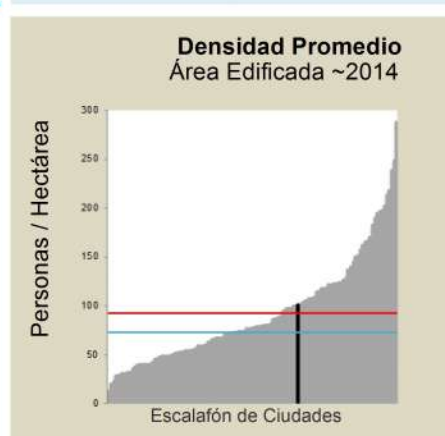
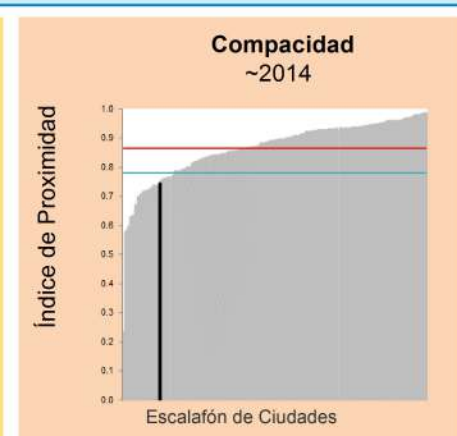
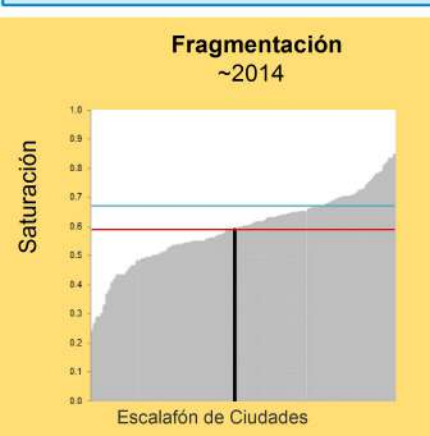
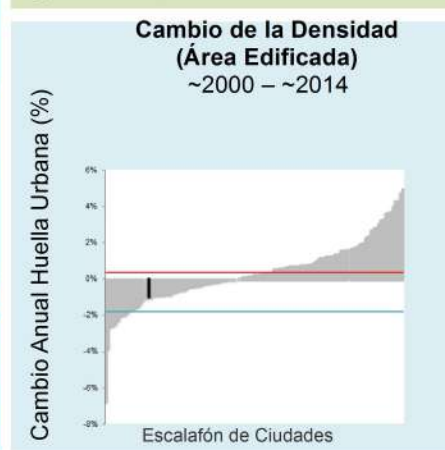
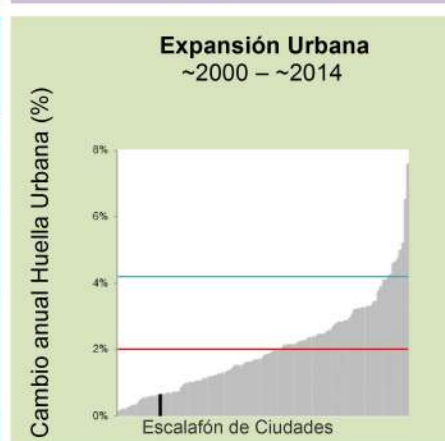
| Métrica                             | Sep 1990 | Ene 2002 | Ene 2016 | Cambio Anual % ('02-'16) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 3,250    | 8,122    | 11,373   | 2.4                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 40.0     | 150.5    | 158.5    | 0.4                      |
| Urbana                              | 0.0      | 74.8     | 83.2     | 0.8                      |
| Suburbana                           | 35.0     | 72.1     | 72.5     | 0.0                      |
| Rural                               | 5.0      | 3.6      | 2.8      | -1.8                     |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 42       | 89       | 85       | -0.3                     |
| Huella Urbana                       | 82       | 239      | 244      | 0.1                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 81.2     | 54.0     | 71.8     | 2.0                      |
| Densidad de la Huella Urbana        | 39.2     | 33.9     | 46.6     | 2.3                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.48     | 0.63     | 0.65     | 0.2                      |
| Índice de Apertura                  | 0.69     | 0.51     | 0.49     | -0.2                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.91     | 0.77     | 0.76     | -0.1                     |
| Cohesión                            | 0.89     | 0.77     | 0.76     | -0.1                     |
| Área Agregada (Hectáreas)           | '90-'02  | Porción  | '02-'16  | Porción                  |
| Relleno                             | 18.54    | 16.9%    | 4.05     | 51.66%                   |
| Extensión                           | 42.3     | 38.56%   | 0.18     | 2.3%                     |
| Crecimiento Discontinuo             | 30.87    | 28.14%   | 2.61     | 33.29%                   |
| Inclusión                           | 18.0     | 16.41%   | 1.0      | 12.76%                   |





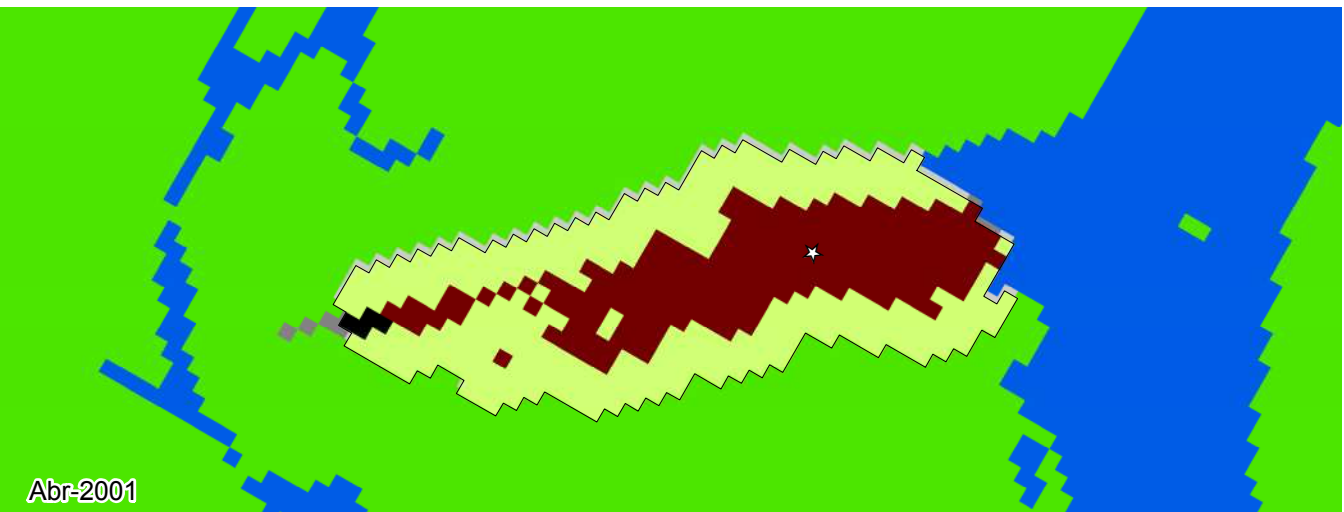


| Métrica                             | Ene 1987 | Jul 2001 | Jul 2014 | Cambio Anual % ('01-'14) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 25,033   | 29,212   | 27,802   | -0.4                     |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 77.0     | 146.6    | 162.3    | 0.8                      |
| Urbana                              | 0.0      | 50.1     | 65.0     | 2.0                      |
| Suburbana                           | 70.4     | 89.5     | 88.1     | -0.1                     |
| Rural                               | 6.7      | 6.9      | 9.2      | 2.2                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 96       | 106      | 112      | 0.4                      |
| Huella Urbana                       | 173      | 252      | 274      | 0.6                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 324.9    | 199.3    | 171.3    | -1.2                     |
| Densidad de la Huella Urbana        | 144.0    | 115.5    | 101.3    | -1.0                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.44     | 0.58     | 0.59     | 0.2                      |
| Índice de Apertura                  | 0.65     | 0.54     | 0.53     | -0.2                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.81     | 0.75     | 0.74     | -0.1                     |
| Cohesión                            | 0.81     | 0.75     | 0.75     | -0.1                     |
| Área Agregada (Hectáreas)           | '87-'01  | Porción  | '01-'14  | Porción                  |
| Relleno                             | 26.82    | 39.11%   | 7.56     | 50.74%                   |
| Extensión                           | 17.55    | 25.59%   | 2.25     | 15.1%                    |
| Crecimiento Discontinuo             | 6.21     | 9.06%    | 0.09     | 0.6%                     |
| Inclusión                           | 18.0     | 26.25%   | 5.0      | 33.56%                   |

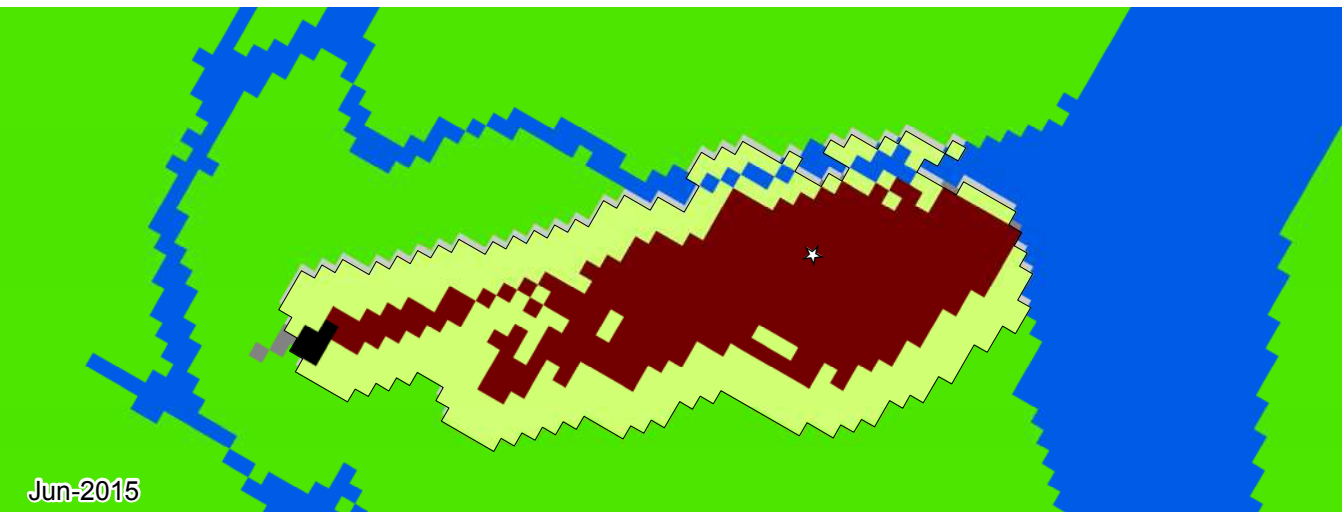




Mar-1990

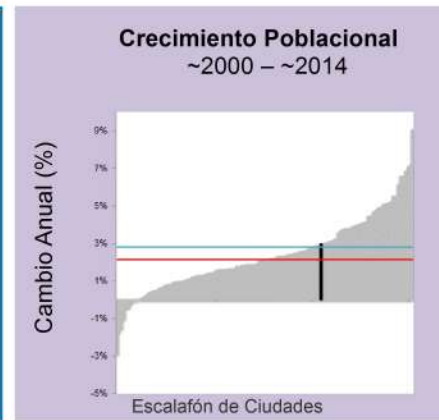
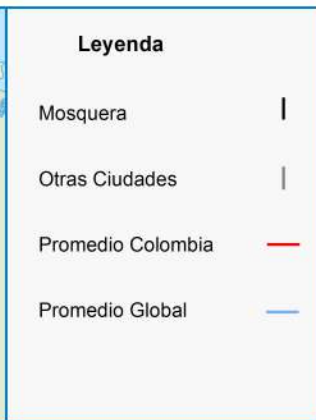


Abr-2001

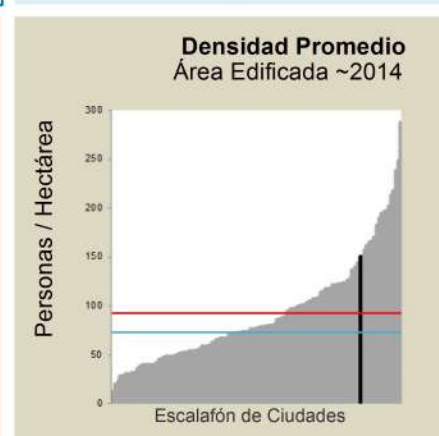
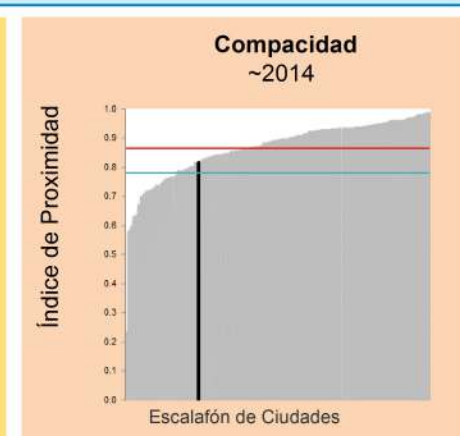
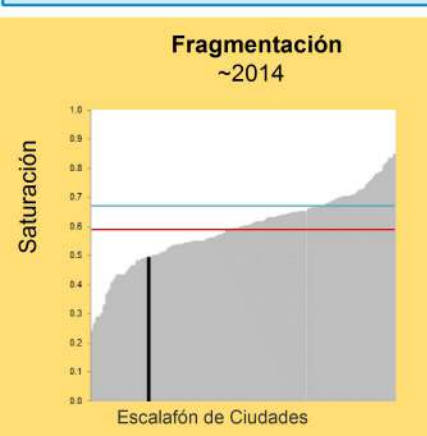
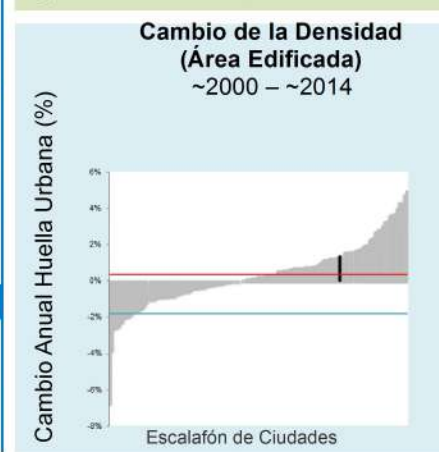
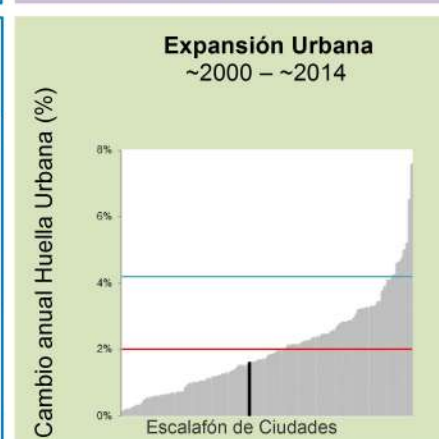


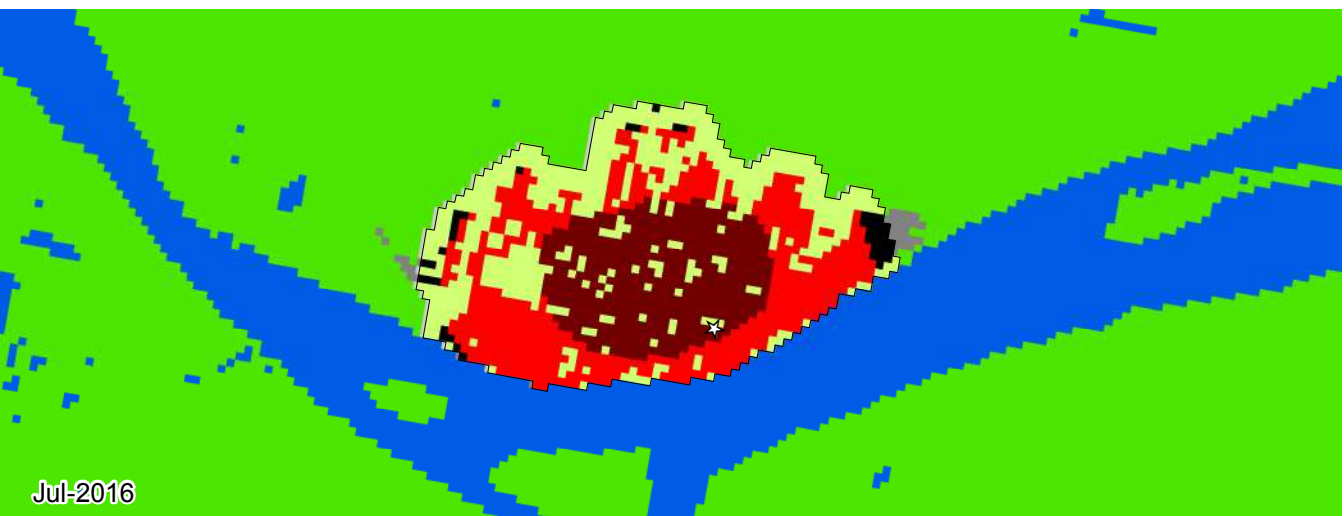
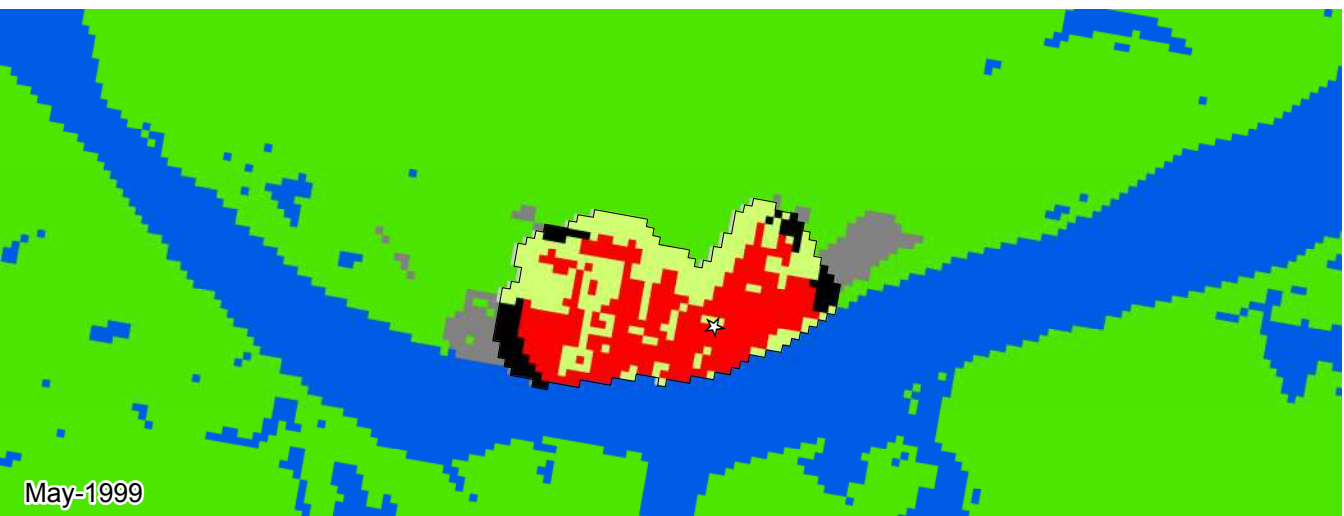
Jun-2015





| Métrica                             | Mar 1990 | Abr 2001 | Jun 2015 | Cambio Anual % ('01-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 3,486    | 5,632    | 8,549    | 2.9                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 7.7      | 18.2     | 28.0     | 3.0                      |
| Urbana                              | 7.7      | 17.8     | 27.5     | 3.1                      |
| Suburbana                           | 0.0      | 0.0      | 0.0      | 0.0                      |
| Rural                               | 0.0      | 0.4      | 0.5      | 1.6                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 15       | 27       | 28       | 0.4                      |
| Huella Urbana                       | 23       | 45       | 56       | 1.6                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 450.4    | 309.8    | 305.4    | -0.1                     |
| Densidad de la Huella Urbana        | 148.4    | 124.2    | 150.5    | 1.4                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.33     | 0.40     | 0.49     | 1.5                      |
| Índice de Apertura                  | 0.92     | 0.85     | 0.78     | -0.6                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.92     | 0.80     | 0.82     | 0.2                      |
| Cohesión                            | 0.89     | 0.78     | 0.81     | 0.2                      |
| Área Agregada (Hectáreas)           | '90-'01  | Porción  | '01-'15  | Porción                  |
| Relleno                             | 1.17     | 12.15%   | 1.44     | 15.09%                   |
| Extensión                           | 7.83     | 81.31%   | 7.56     | 79.25%                   |
| Crecimiento Discontinuo             | 0.63     | 6.54%    | 0.54     | 5.66%                    |
| Inclusión                           | 0.0      | 0.0%     | 0.0      | 0.0%                     |















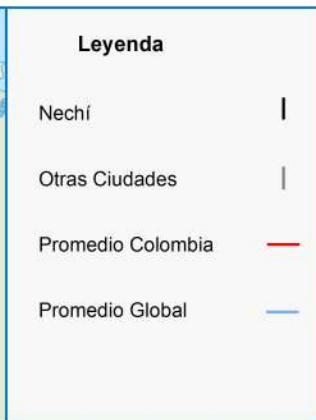


Nechí, Nariño  
1991-2016

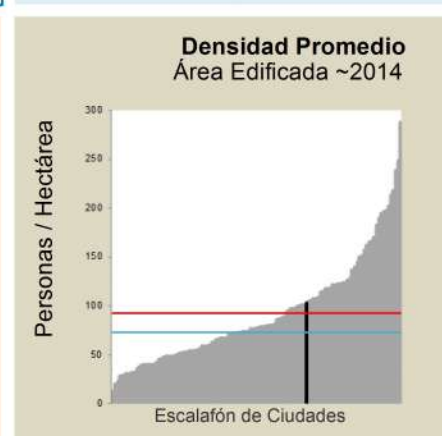
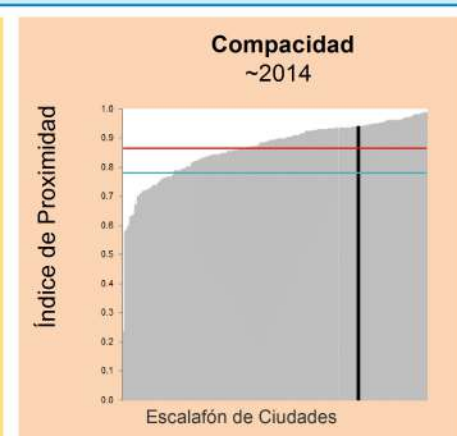
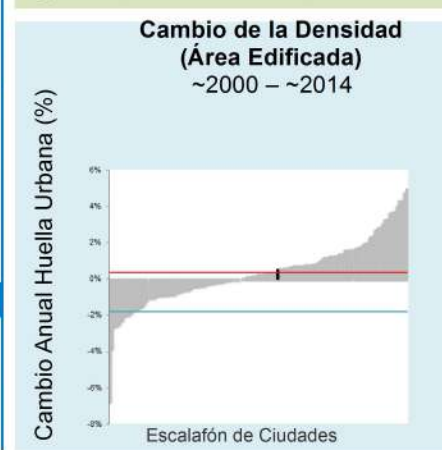
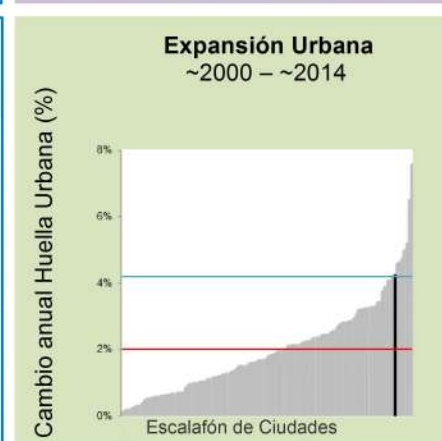
0 0.5 1 km



- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |   | Centro urbano            |



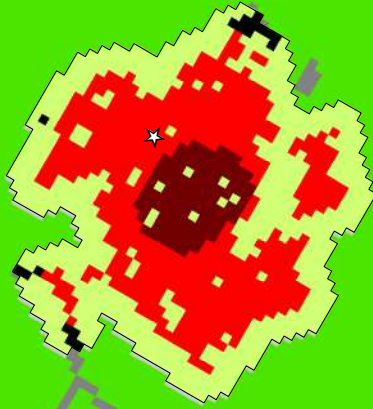
| Métrica                             | Jul 1991 | May 1999 | Jul 2016 | Cambio Anual % ('99-'16) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 2,829    | 6,547    | 14,749   | 4.7                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 18.4     | 40.8     | 92.5     | 4.8                      |
| Urbana                              | 0.0      | 0.0      | 39.5     | 0.0                      |
| Suburbana                           | 12.6     | 34.6     | 49.1     | 2.1                      |
| Rural                               | 5.8      | 6.2      | 3.9      | -2.8                     |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 16       | 28       | 50       | 3.3                      |
| Huella Urbana                       | 35       | 69       | 142      | 4.2                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 154.1    | 160.6    | 159.4    | -0.0                     |
| Densidad de la Huella Urbana        | 80.8     | 94.7     | 103.3    | 0.5                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.52     | 0.59     | 0.65     | 0.6                      |
| Índice de Apertura                  | 0.74     | 0.70     | 0.53     | -1.6                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.95     | 0.89     | 0.94     | 0.3                      |
| Cohesión                            | 0.93     | 0.88     | 0.93     | 0.3                      |
| Área Agregada (Hectáreas)           | '91-'99  | Porción  | '99-'16  | Porción                  |
| Relleno                             | 1.8      | 8.29%    | 8.64     | 16.75%                   |
| Extensión                           | 3.69     | 16.99%   | 28.62    | 55.49%                   |
| Crecimiento Discontinuo             | 4.23     | 19.48%   | 4.32     | 8.38%                    |
| Inclusión                           | 12.0     | 55.25%   | 10.0     | 19.39%                   |



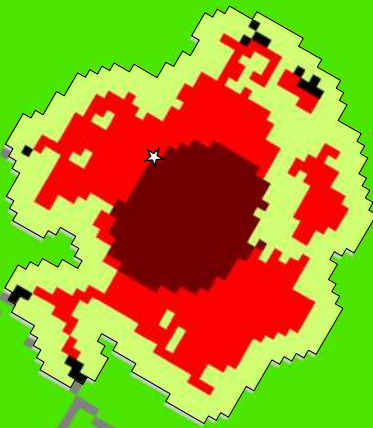
Ago-1989



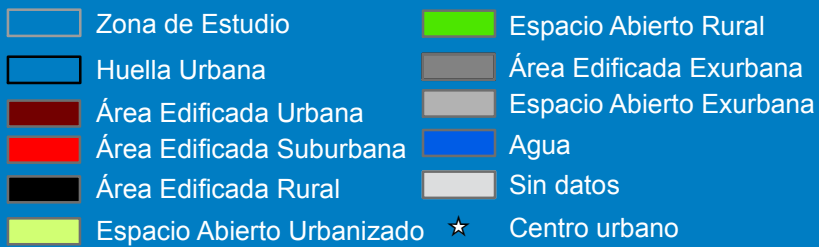
Ago-2002



Ene-2015



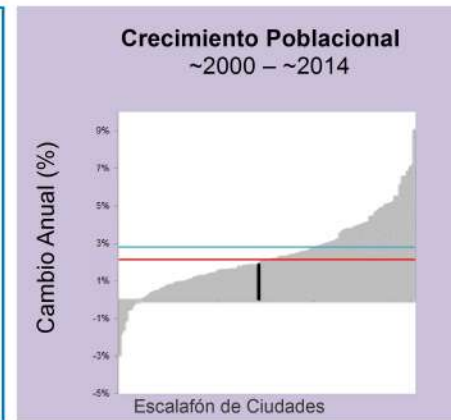
Neira, Caldas  
1989-2015



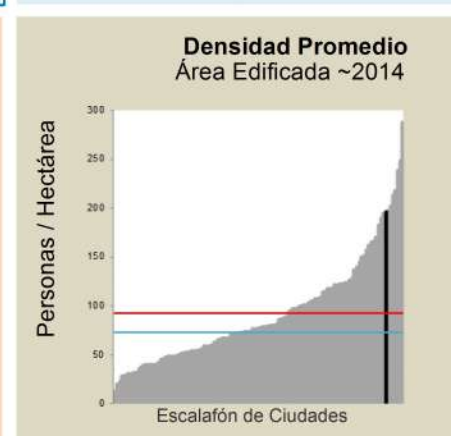
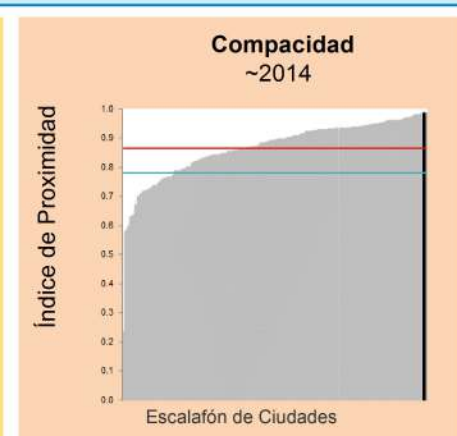
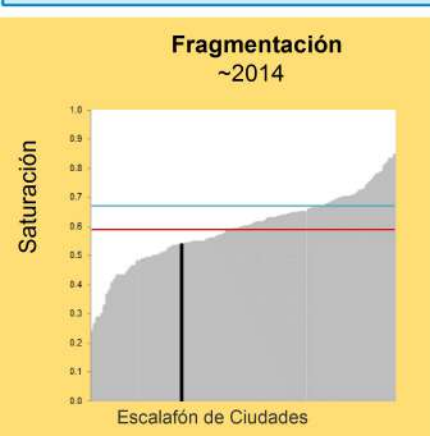
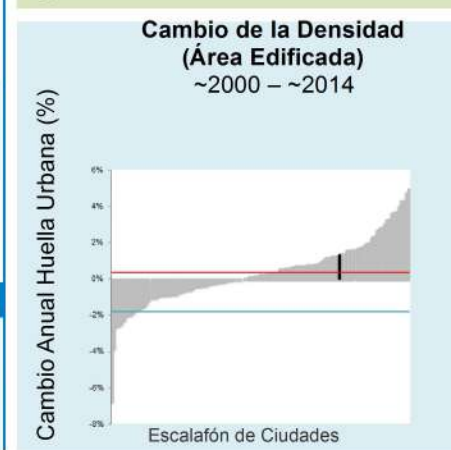
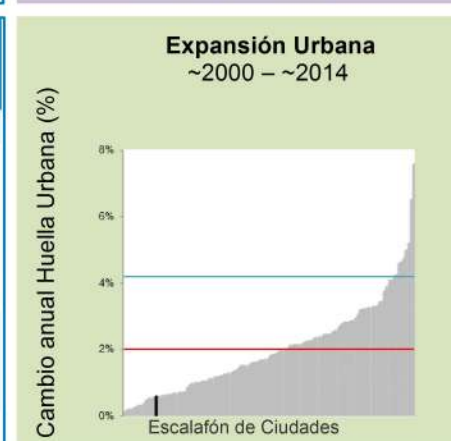


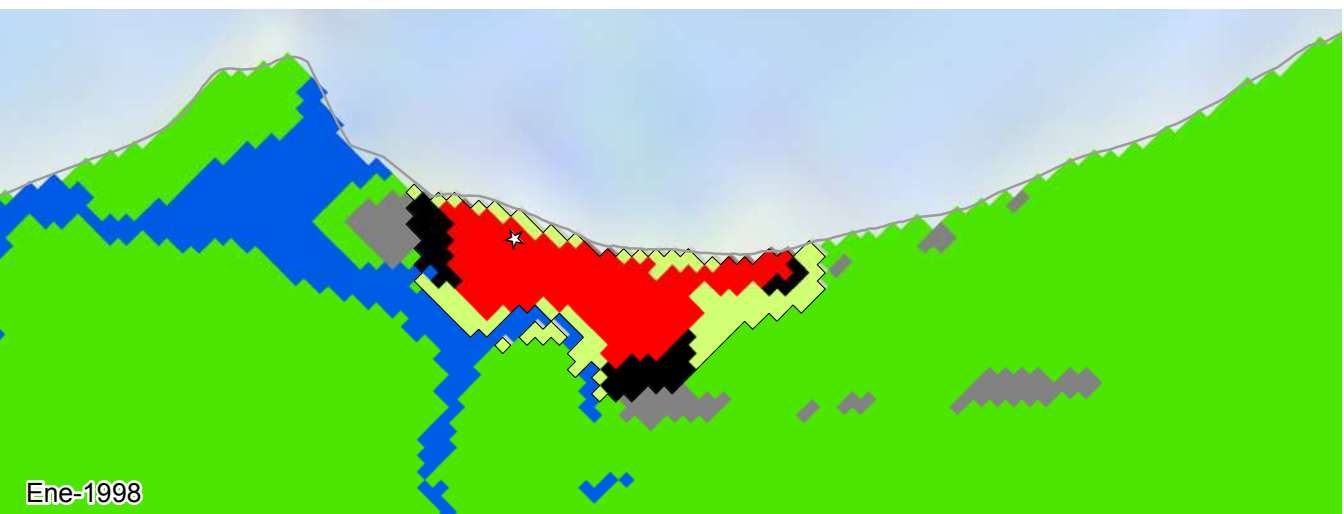
**Legenda**

- Neira |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —















| Métrica                             | Ago 1989 | Ago 2000 | Ene 2015 | Cambio Anual % ('00-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 11,906   | 17,677   | 23,211   | 1.9                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 39.4     | 57.0     | 63.5     | 0.8                      |
| Urbana                              | 0.0      | 9.8      | 19.8     | 4.9                      |
| Suburbana                           | 34.7     | 45.5     | 42.2     | -0.5                     |
| Rural                               | 4.7      | 1.6      | 1.5      | -0.4                     |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 34       | 51       | 54       | 0.4                      |
| Huella Urbana                       | 73       | 108      | 117      | 0.6                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 302.0    | 310.3    | 365.3    | 1.1                      |
| Densidad de la Huella Urbana        | 160.9    | 163.0    | 196.7    | 1.3                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.53     | 0.53     | 0.54     | 0.2                      |
| Índice de Apertura                  | 0.67     | 0.59     | 0.56     | -0.4                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.99     | 0.98     | 0.99     | 0.0                      |
| Cohesión                            | 0.98     | 0.97     | 0.98     | 0.0                      |
| Área Agregada (Hectáreas)           | '89-'00  | Porción  | '00-'15  | Porción                  |
| Relleno                             | 4.05     | 24.71%   | 4.32     | 77.42%                   |
| Extensión                           | 10.44    | 63.7%    | 1.26     | 22.58%                   |
| Crecimiento Discontinuo             | 0.9      | 5.49%    | 0.0      | 0.0%                     |
| Inclusión                           | 1.0      | 6.1%     | 0.0      | 0.0%                     |





Nuquí, Chocó  
1991-2015

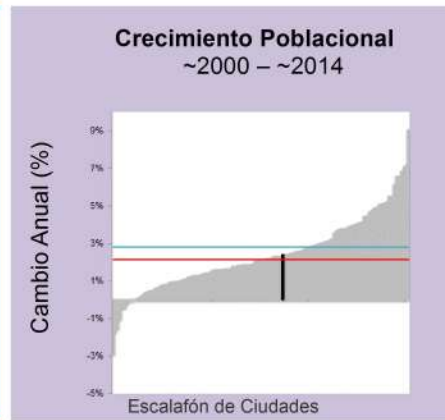


- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |  | Centro urbano            |

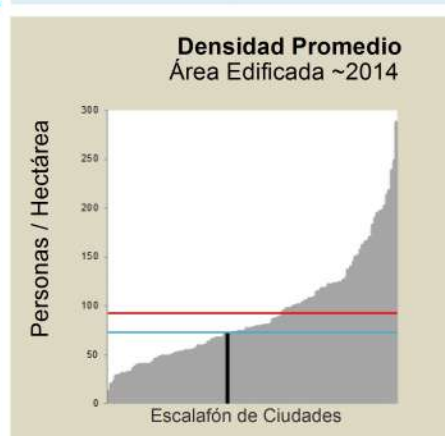
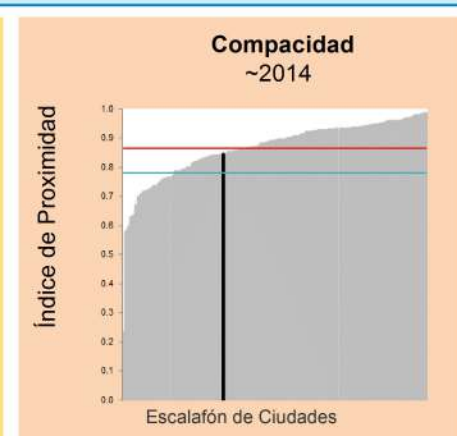
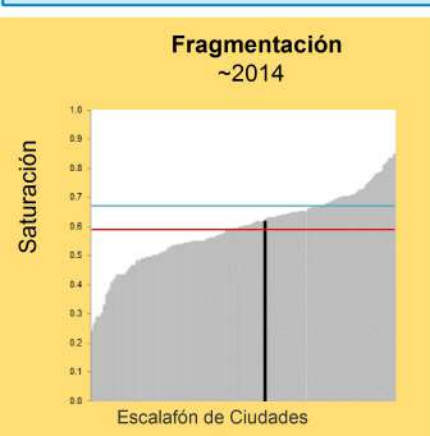
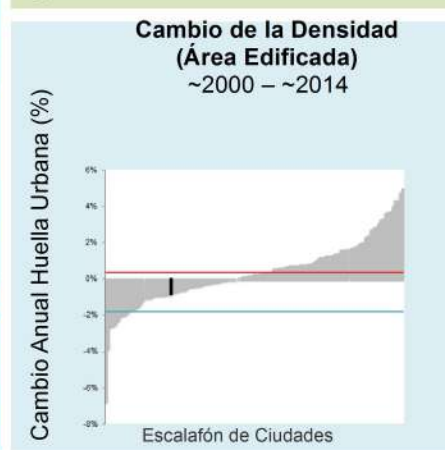
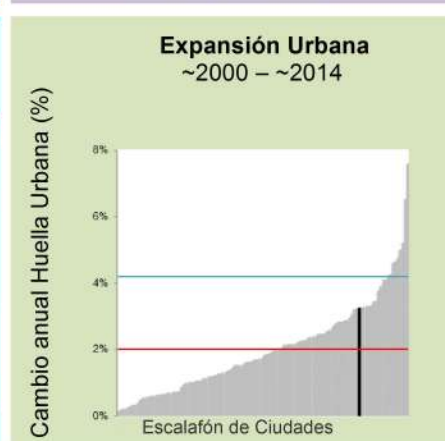


**Legenda**

- Nuquí |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



| Métrica                             | Feb 1991 | Ene 1998 | Mar 2015 | Cambio Anual % ('98-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 748      | 2,460    | 3,694    | 2.4                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 4.5      | 20.7     | 32.0     | 2.5                      |
| Urbana                              | 0.0      | 0.0      | 1.6      | 0.0                      |
| Suburbana                           | 0.9      | 15.9     | 27.0     | 3.1                      |
| Rural                               | 3.6      | 4.8      | 3.4      | -1.9                     |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 1        | 9        | 19       | 4.5                      |
| Huella Urbana                       | 5        | 29       | 51       | 3.2                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 166.3    | 118.9    | 115.3    | -0.2                     |
| Densidad de la Huella Urbana        | 126.0    | 82.6     | 71.3     | -0.9                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.76     | 0.69     | 0.62     | -0.7                     |
| Índice de Apertura                  | 0.76     | 0.70     | 0.63     | -0.5                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.92     | 0.81     | 0.85     | 0.3                      |
| Cohesión                            | 0.81     | 0.79     | 0.83     | 0.3                      |
| Área Agregada (Hectáreas)           | '91-'98  | Porción  | '98-'15  | Porción                  |
| Relleno                             | 0.27     | 3.4%     | 1.98     | 24.18%                   |
| Extensión                           | 0.9      | 11.35%   | 3.78     | 46.15%                   |
| Crecimiento Discontinuo             | 5.76     | 72.64%   | 2.43     | 29.67%                   |
| Inclusión                           | 1.0      | 12.61%   | 0.0      | 0.0%                     |





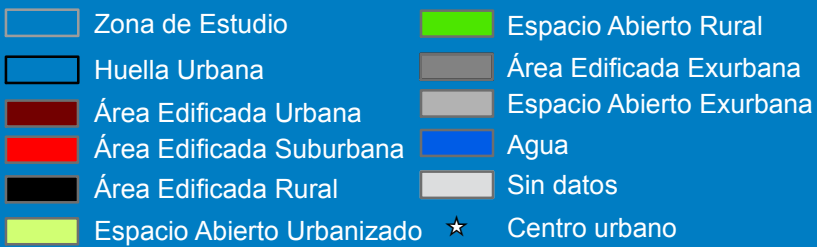
Ago-1989

Jun-1999

Ago-2014

### Orito, Putumayo 1989-2014

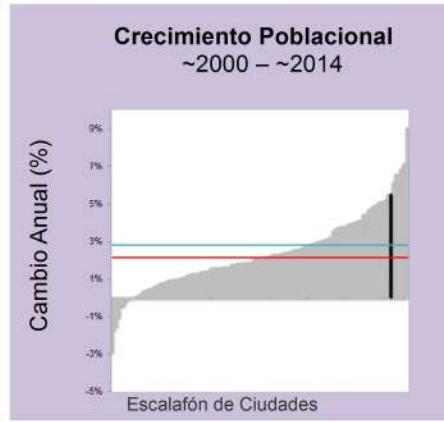
0 0.5 1 1.5 km



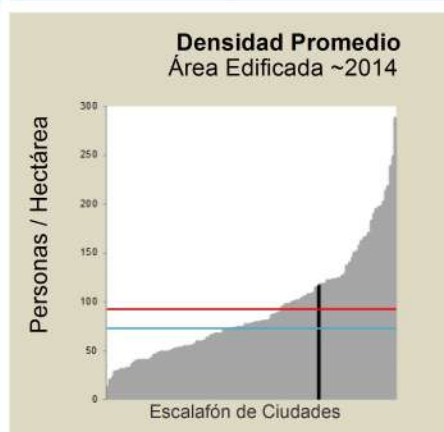
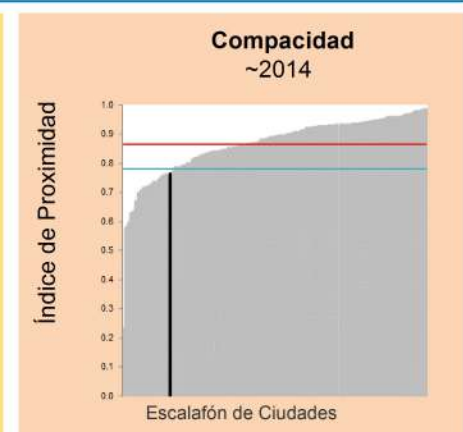
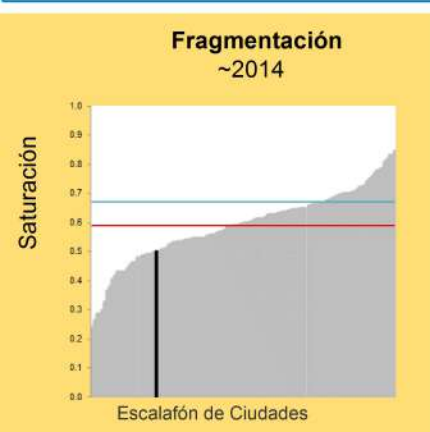
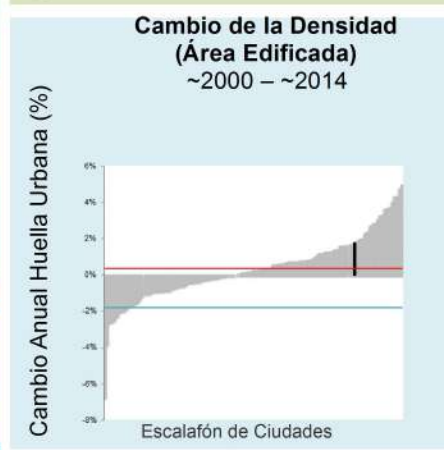
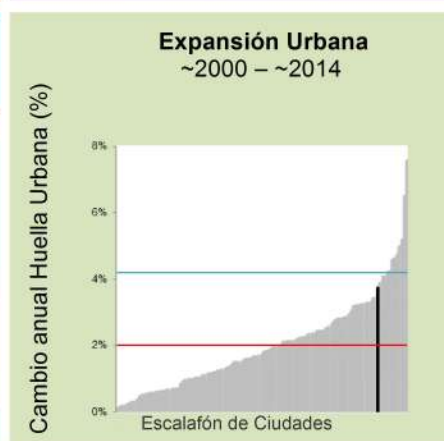


**Legenda**

- Orito |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —















| Métrica                             | Ago 1989 | Jun 1999 | Ago 2014 | Cambio Anual % ('99-'14) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 15,877   | 21,785   | 49,966   | 5.5                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 94.0     | 117.5    | 215.9    | 4.0                      |
| Urbana                              | 4.3      | 24.9     | 66.5     | 6.5                      |
| Suburbana                           | 85.0     | 87.3     | 130.6    | 2.7                      |
| Rural                               | 4.8      | 5.3      | 18.8     | 8.4                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 105      | 127      | 215      | 3.5                      |
| Huella Urbana                       | 199      | 244      | 431      | 3.7                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 168.8    | 185.3    | 231.4    | 1.5                      |
| Densidad de la Huella Urbana        | 79.5     | 88.9     | 115.8    | 1.7                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.47     | 0.48     | 0.50     | 0.3                      |
| Índice de Apertura                  | 0.63     | 0.58     | 0.56     | -0.2                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.86     | 0.89     | 0.76     | -1.0                     |
| Cohesión                            | 0.86     | 0.88     | 0.76     | -1.0                     |
| Área Agregada (Hectáreas)           | '89-'99  | Porción  | '99-'14  | Porción                  |
| Relleno                             | 10.8     | 46.59%   | 18.18    | 18.66%                   |
| Extensión                           | 6.3      | 27.18%   | 21.51    | 22.08%                   |
| Crecimiento Discontinuo             | 1.08     | 4.66%    | 8.73     | 8.96%                    |
| Inclusión                           | 5.0      | 21.57%   | 49.0     | 50.3%                    |

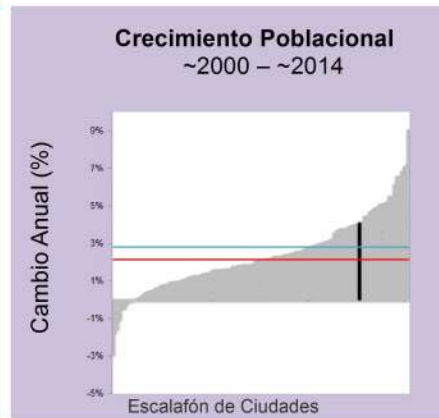




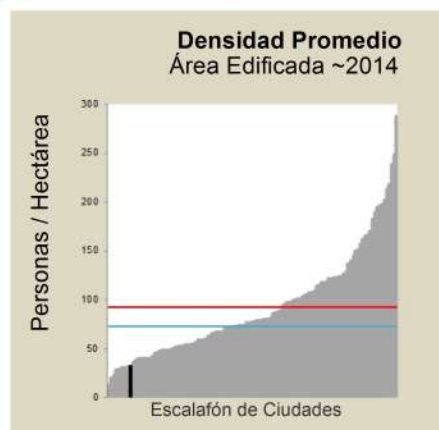
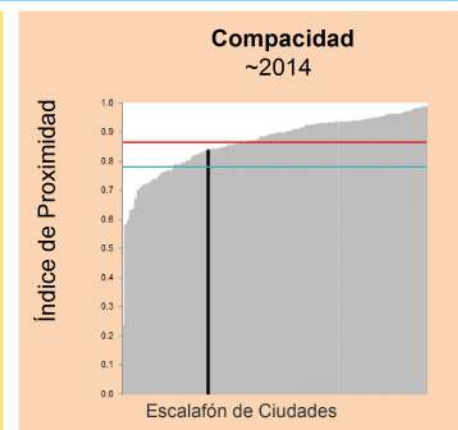
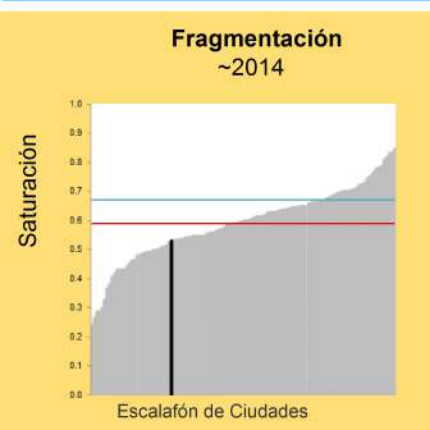
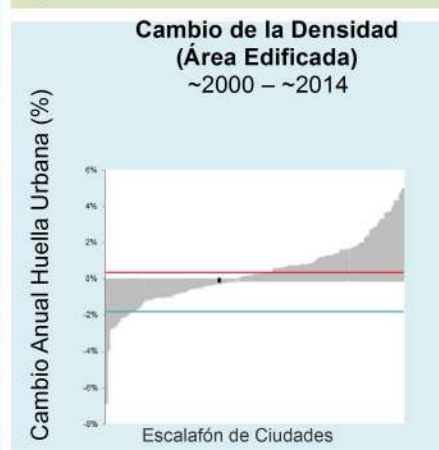
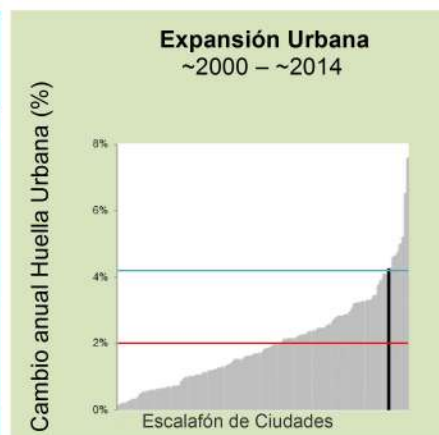
Orocué, Casanare  
1990-2014



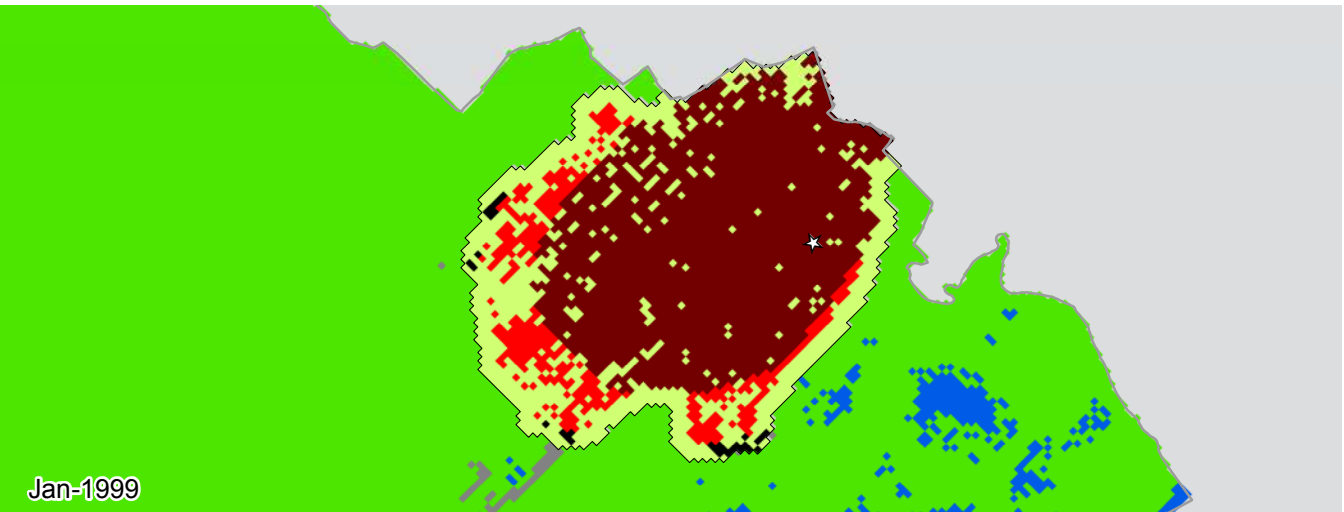
- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |  | Centro urbano            |



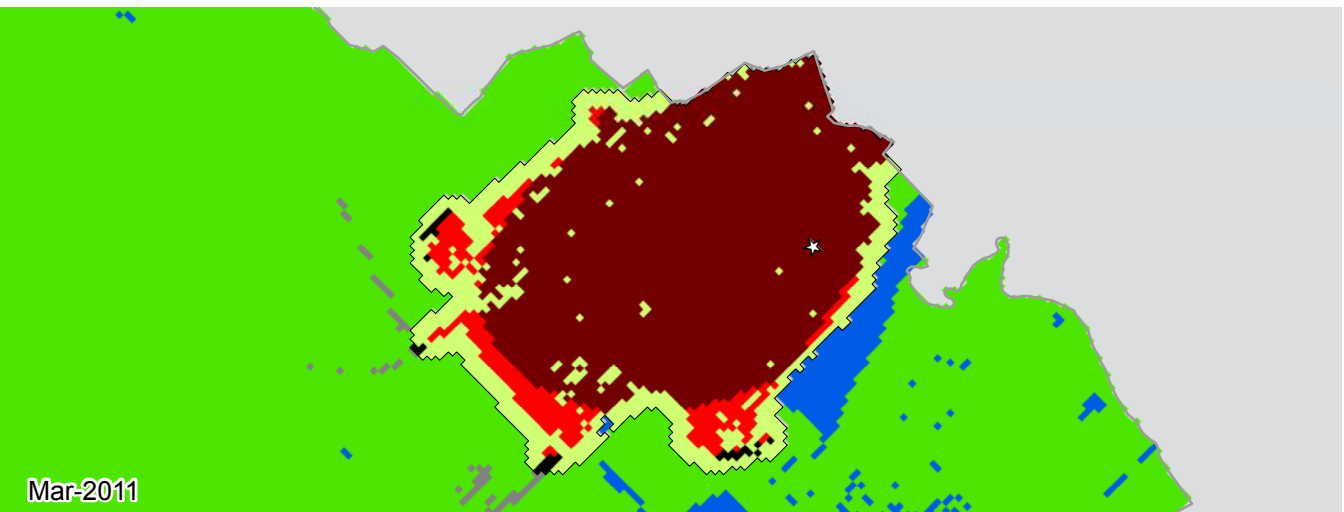
| Métrica                             | Ene 1990 | Ene 2000 | Feb 2014 | Cambio Anual % ('00-'14) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 1,323    | 3,107    | 5,507    | 4.1                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 12.9     | 41.0     | 90.4     | 5.6                      |
| Urbana                              | 10.5     | 40.3     | 88.2     | 5.6                      |
| Suburbana                           | 0.0      | 0.0      | 0.0      | 0.0                      |
| Rural                               | 2.3      | 0.7      | 2.2      | 7.8                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 23       | 53       | 80       | 2.9                      |
| Huella Urbana                       | 35       | 94       | 170      | 4.2                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 102.9    | 75.7     | 60.9     | -1.5                     |
| Densidad de la Huella Urbana        | 36.9     | 33.0     | 32.3     | -0.2                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.36     | 0.44     | 0.53     | 1.4                      |
| Índice de Apertura                  | 0.86     | 0.76     | 0.60     | -1.8                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.94     | 0.78     | 0.84     | 0.5                      |
| Cohesión                            | 0.92     | 0.76     | 0.82     | 0.5                      |
| Área Agregada (Hectáreas)           | '90-'00  | Porción  | '00-'14  | Porción                  |
| Relleno                             | 3.24     | 11.67%   | 10.08    | 20.63%                   |
| Extensión                           | 18.09    | 65.14%   | 28.89    | 59.13%                   |
| Crecimiento Discontinuo             | 1.44     | 5.19%    | 1.89     | 3.87%                    |
| Inclusión                           | 5.0      | 18.01%   | 8.0      | 16.37%                   |



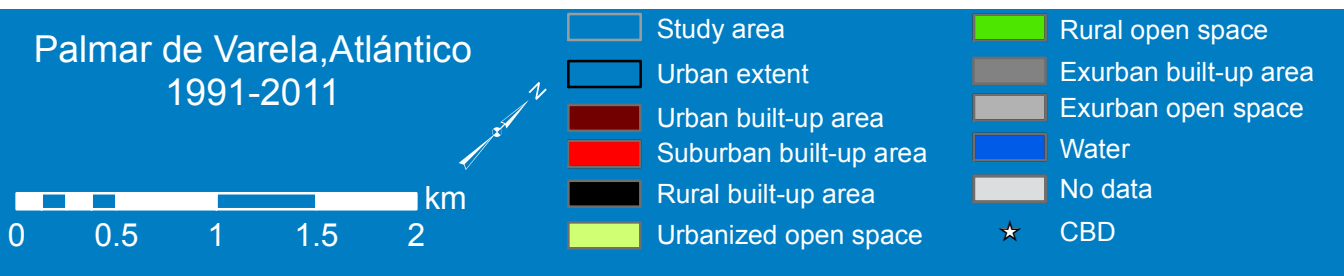
Mar-1991

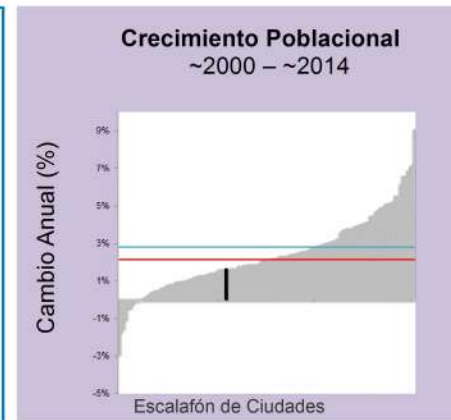
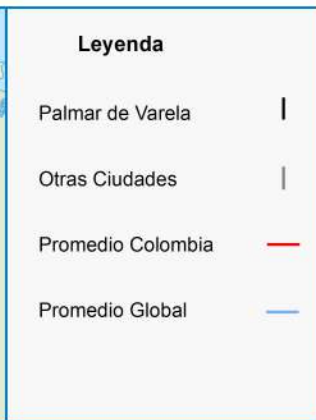


Jan-1999

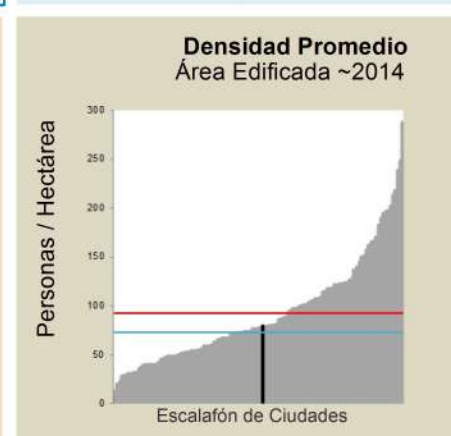
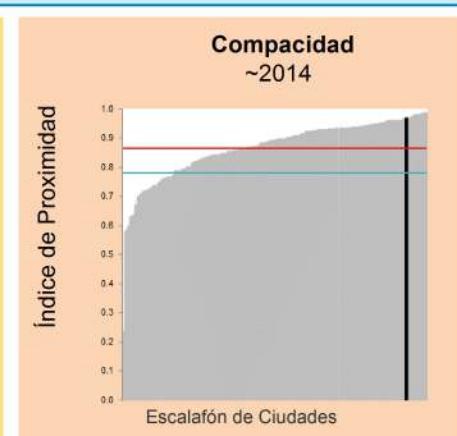
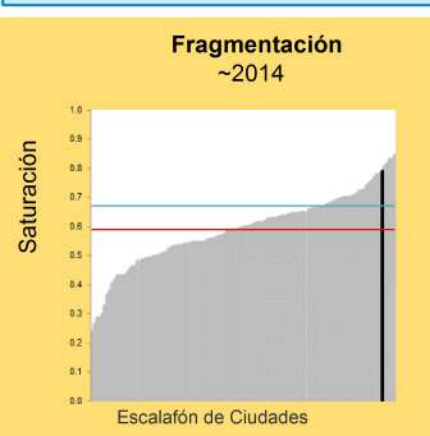
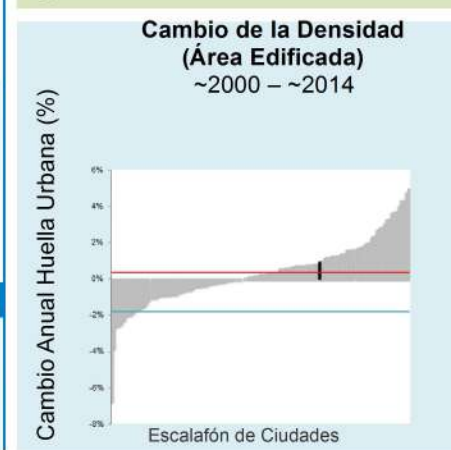
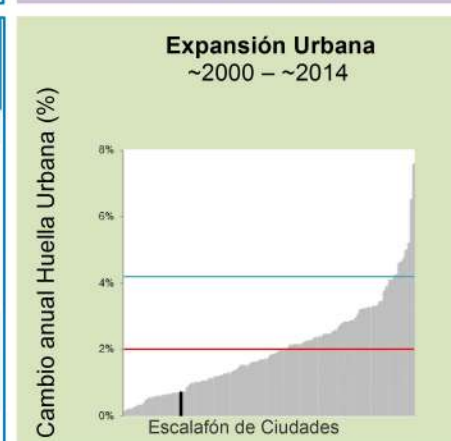


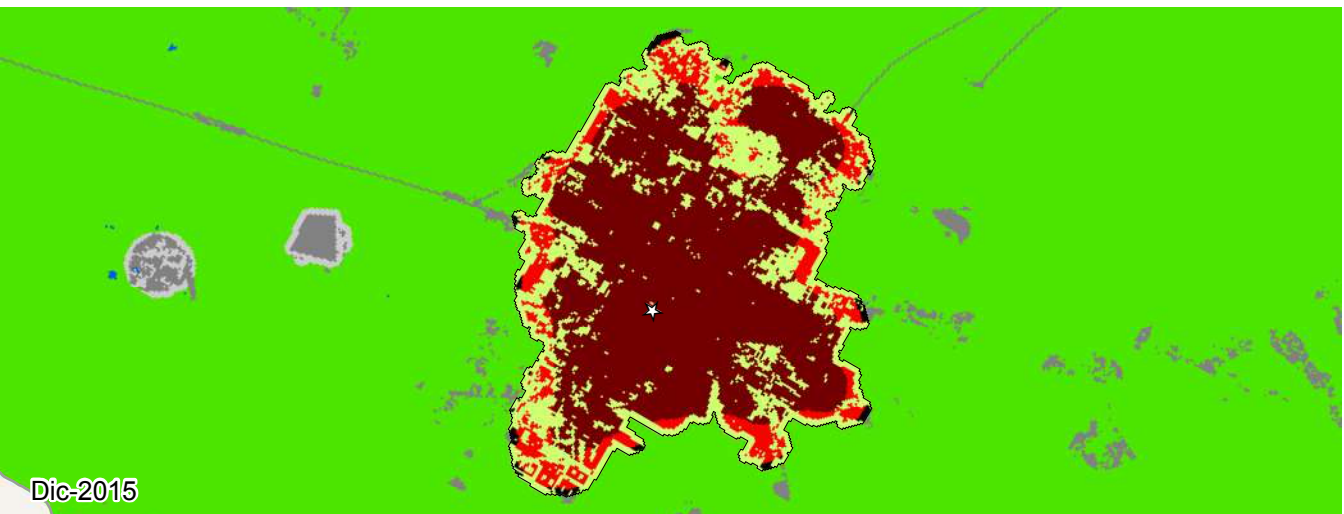
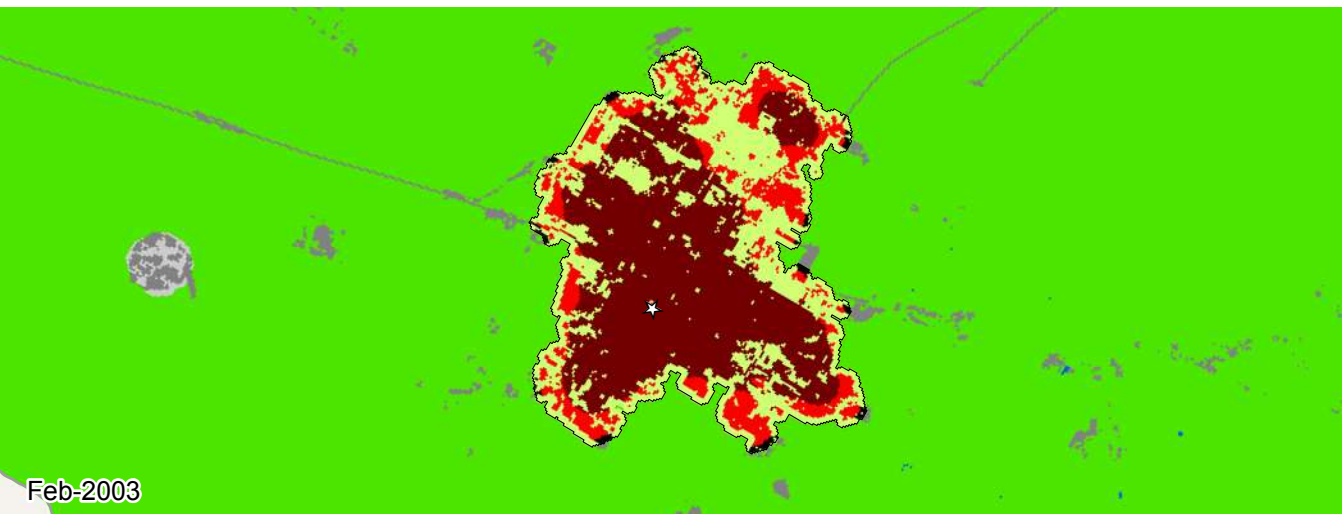
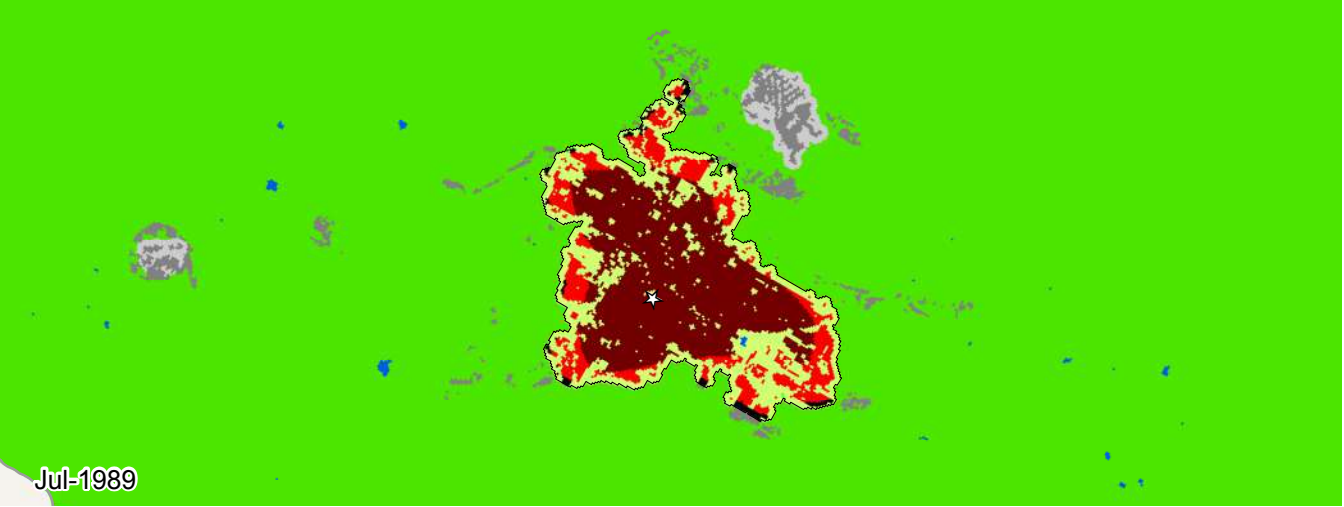
Mar-2011

















| Métrica                             | Mar 1991 | Ene 1999 | Mar 2011 | Cambio Anual % ('99-'11) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 17,772   | 22,173   | 26,935   | 1.6                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 104.4    | 217.4    | 268.7    | 1.7                      |
| Urbana                              | 17.4     | 182.0    | 238.1    | 2.2                      |
| Suburbana                           | 82.2     | 32.7     | 27.8     | -1.3                     |
| Rural                               | 4.9      | 2.8      | 2.8      | 0.0                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 139      | 94       | 71       | -2.3                     |
| Huella Urbana                       | 243      | 311      | 339      | 0.7                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 170.2    | 102.0    | 100.3    | -0.1                     |
| Densidad de la Huella Urbana        | 72.9     | 71.2     | 79.3     | 0.9                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.43     | 0.70     | 0.79     | 1.0                      |
| Índice de Apertura                  | 0.59     | 0.30     | 0.23     | -1.9                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.98     | 0.98     | 0.97     | -0.1                     |
| Cohesión                            | 0.98     | 0.98     | 0.96     | -0.1                     |
| Área Agregada (Hectáreas)           | '91-'99  | Porción  | '99-'11  | Porción                  |
| Relleno                             | 82.44    | 73.21%   | 35.46    | 69.6%                    |
| Extensión                           | 16.47    | 14.63%   | 14.22    | 27.91%                   |
| Crecimiento Discontinuo             | 3.69     | 3.28%    | 0.27     | 0.53%                    |
| Inclusión                           | 10.0     | 8.88%    | 1.0      | 1.96%                    |





Palmira, Valle del Cauca  
1989-2015



- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |   | Centro urbano            |

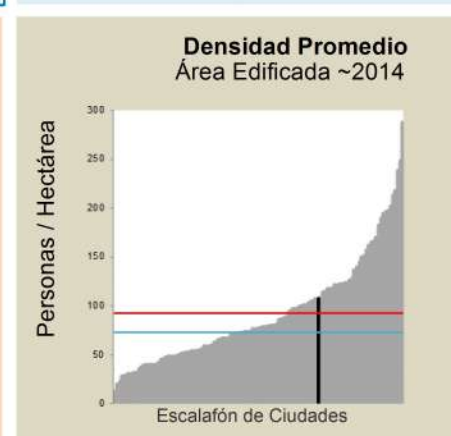
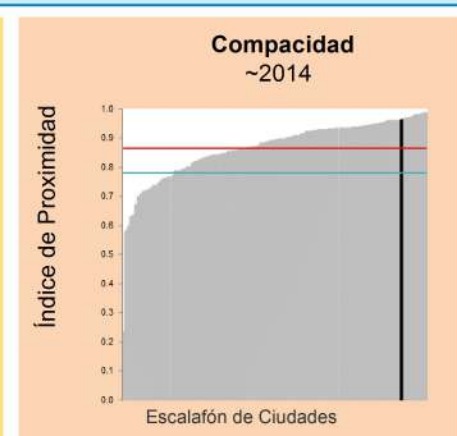
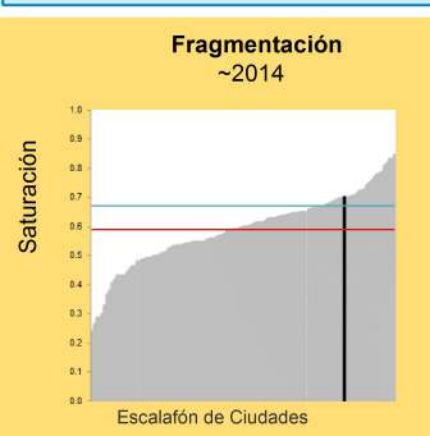
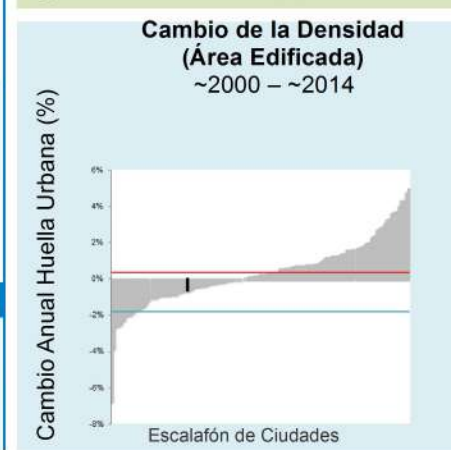
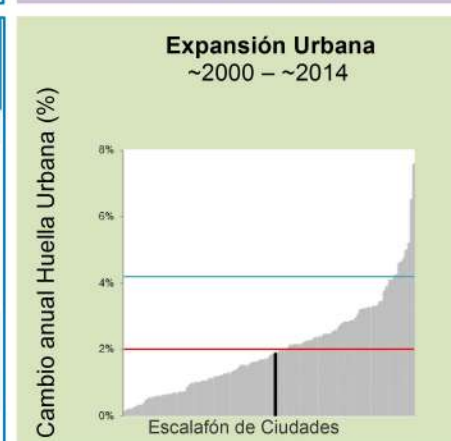


**Legenda**

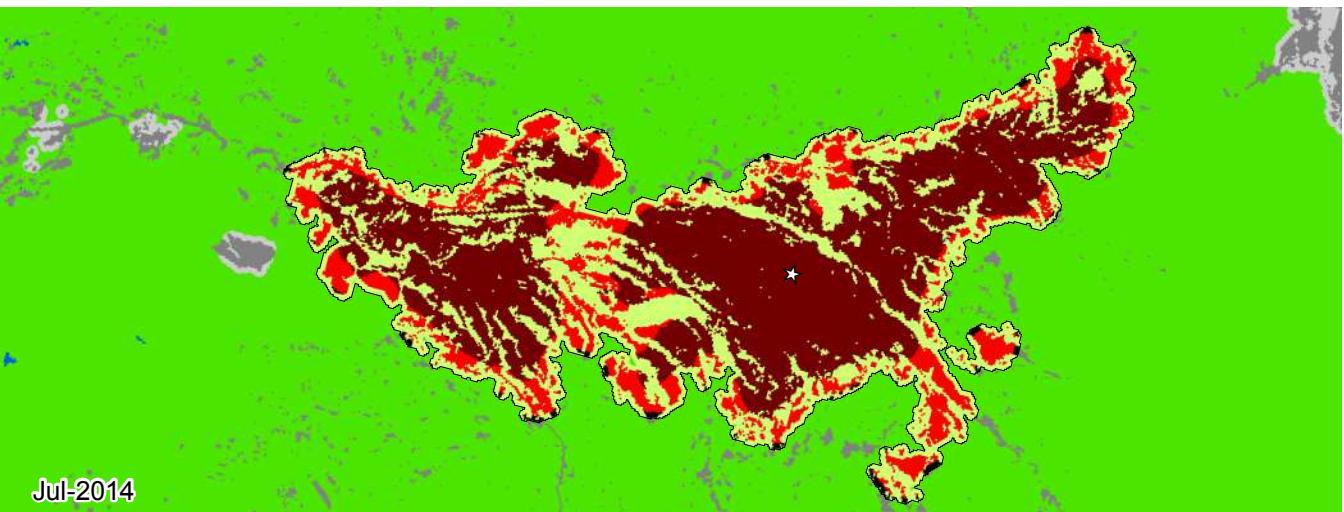
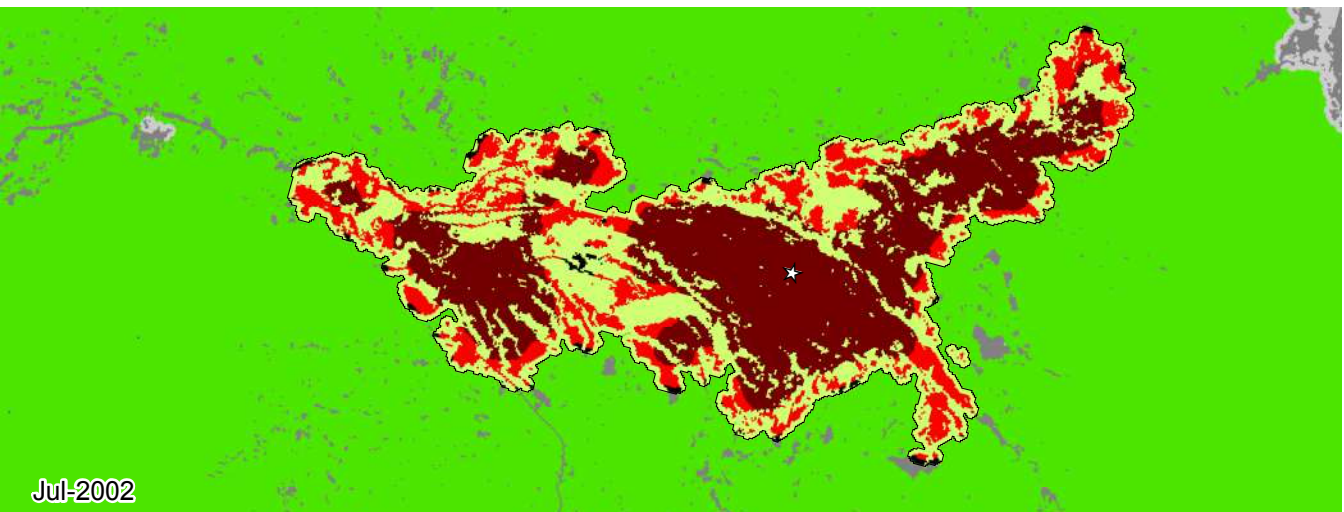
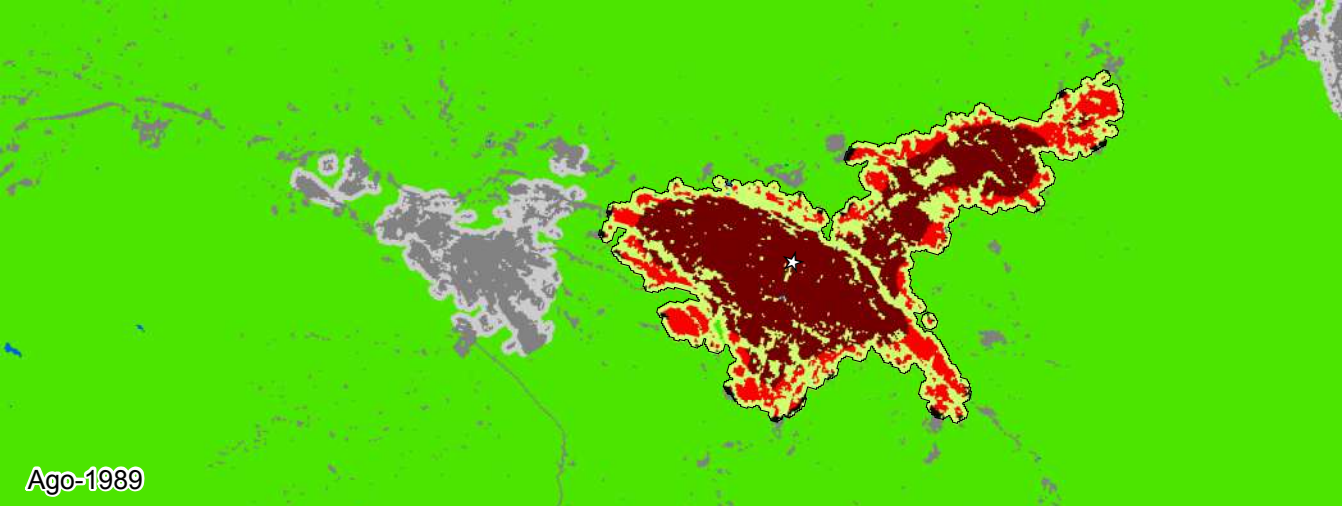
- Palmira |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



| Métrica                             | Jul 1989 | Feb 2003 | Dic 2015 | Cambio Anual % ('03-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 165,978  | 222,769  | 261,094  | 1.2                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 757.3    | 1,222.0  | 1,697.1  | 2.6                      |
| Urbana                              | 559.4    | 917.4    | 1,409.9  | 3.4                      |
| Suburbana                           | 177.8    | 282.2    | 262.8    | -0.6                     |
| Rural                               | 20.1     | 22.4     | 24.4     | 0.7                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 395      | 680      | 720      | 0.4                      |
| Huella Urbana                       | 1,152    | 1,902    | 2,418    | 1.9                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 219.2    | 182.3    | 153.8    | -1.3                     |
| Densidad de la Huella Urbana        | 144.0    | 117.1    | 108.0    | -0.6                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.66     | 0.64     | 0.70     | 0.7                      |
| Índice de Apertura                  | 0.33     | 0.32     | 0.27     | -1.4                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.92     | 0.95     | 0.96     | 0.1                      |
| Cohesión                            | 0.91     | 0.95     | 0.96     | 0.1                      |
| Área Agregada (Hectáreas)           | '89-'03  | Porción  | '03-'15  | Porción                  |
| Relleno                             | 113.94   | 24.52%   | 186.75   | 39.34%                   |
| Extensión                           | 200.07   | 43.06%   | 195.66   | 41.22%                   |
| Crecimiento Discontinuo             | 42.66    | 9.18%    | 57.24    | 12.06%                   |
| Inclusión                           | 108.0    | 23.24%   | 35.0     | 7.37%                    |



















Gran Pereira, Risaralda  
1989-2014



- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |  | Centro urbano            |

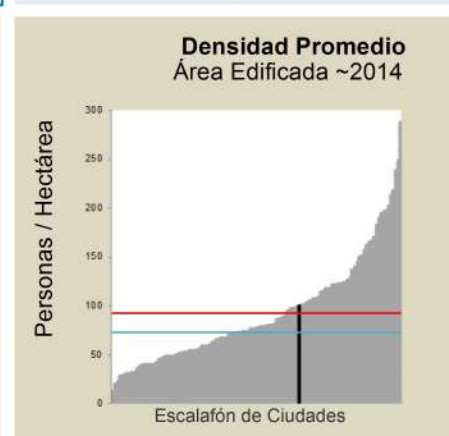
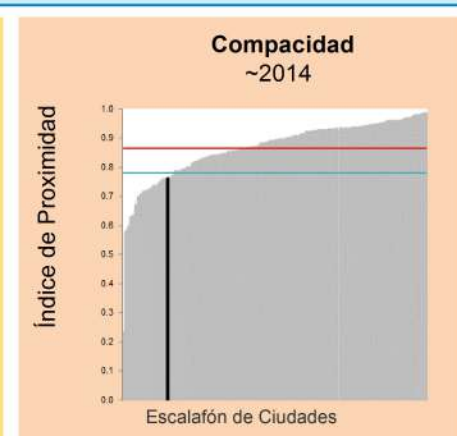
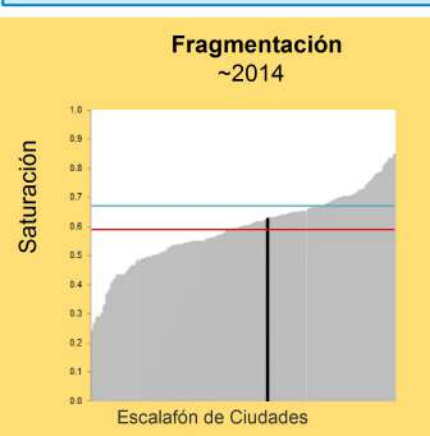
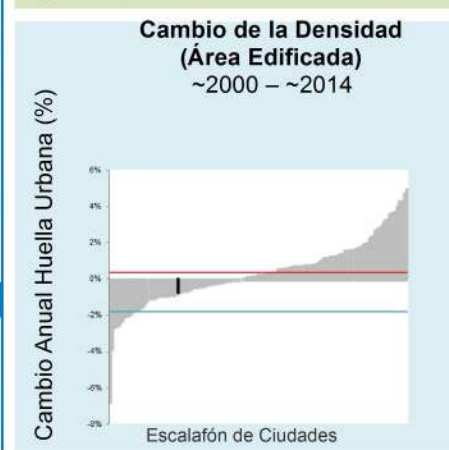
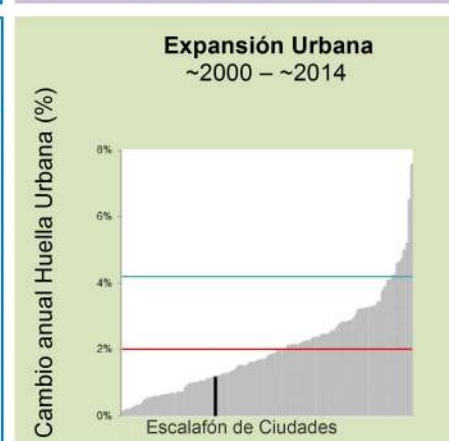


**Legenda**

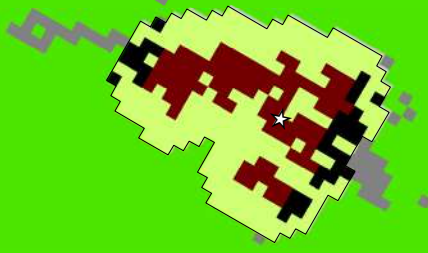
- Gran Pereira |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



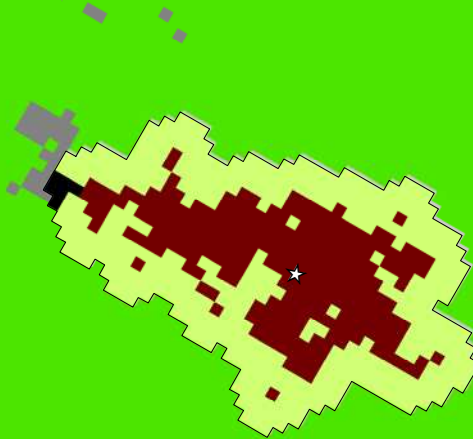
| Métrica                             | Ago 1989 | Jul 2002 | Jul 2014 | Cambio Anual % ('02-'14) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 279,370  | 463,213  | 486,071  | 0.4                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 1,290.7  | 2,510.5  | 3,040.4  | 1.6                      |
| Urbana                              | 927.8    | 1,717.6  | 2,245.9  | 2.2                      |
| Suburbana                           | 337.4    | 746.5    | 749.1    | 0.0                      |
| Rural                               | 25.5     | 46.4     | 45.5     | -0.2                     |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 749      | 1,708    | 1,809    | 0.5                      |
| Huella Urbana                       | 2,040    | 4,219    | 4,849    | 1.2                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 216.5    | 184.5    | 159.9    | -1.2                     |
| Densidad de la Huella Urbana        | 136.9    | 109.8    | 100.2    | -0.8                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.63     | 0.60     | 0.63     | 0.4                      |
| Índice de Apertura                  | 0.35     | 0.36     | 0.34     | -0.5                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.79     | 0.74     | 0.76     | 0.3                      |
| Cohesión                            | 0.78     | 0.74     | 0.76     | 0.2                      |
| Área Agregada (Hectáreas)           | '89-'02  | Porción  | '02-'14  | Porción                  |
| Relleno                             | 208.89   | 17.13%   | 228.69   | 43.24%                   |
| Extensión                           | 326.97   | 26.81%   | 173.88   | 32.87%                   |
| Crecimiento Discontinuo             | 163.53   | 13.41%   | 55.35    | 10.46%                   |
| Inclusión                           | 520.0    | 42.64%   | 71.0     | 13.42%                   |



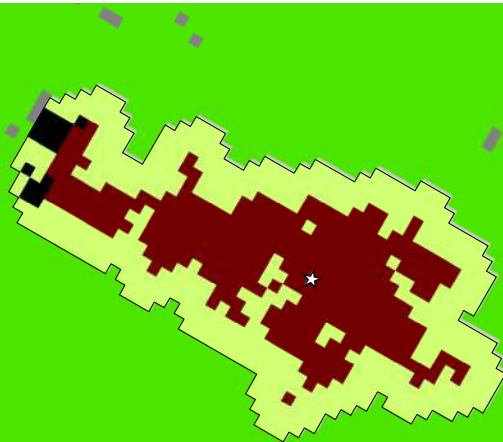
Ene-1990



Mar-2000

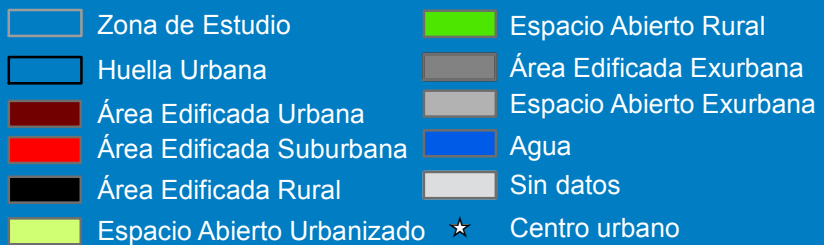


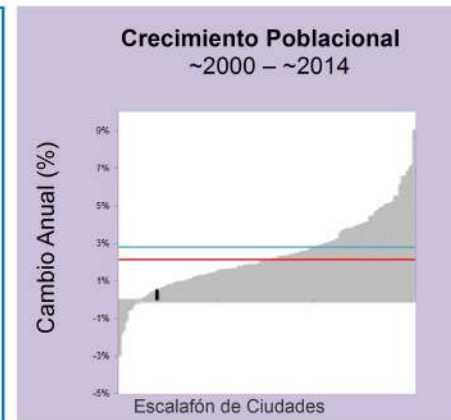
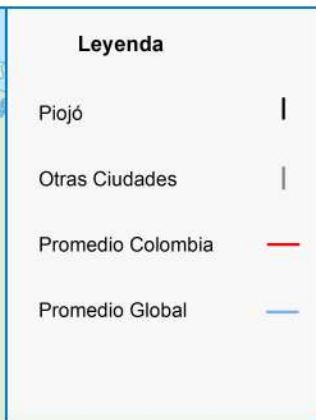
Ene-2017



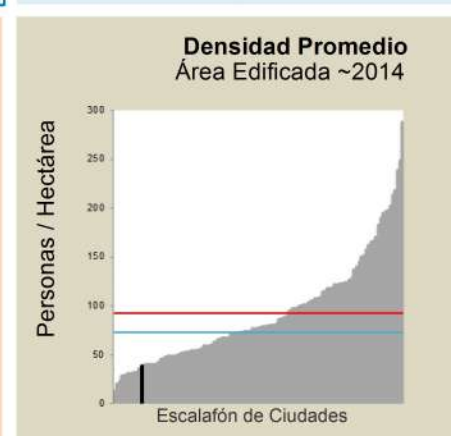
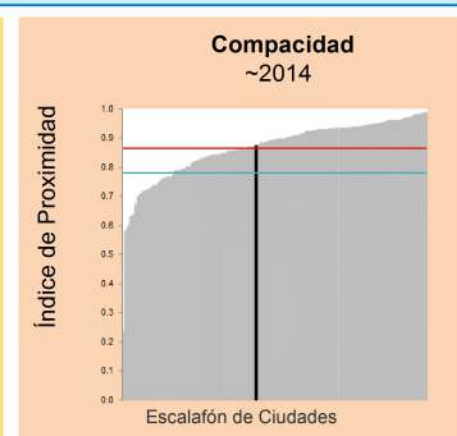
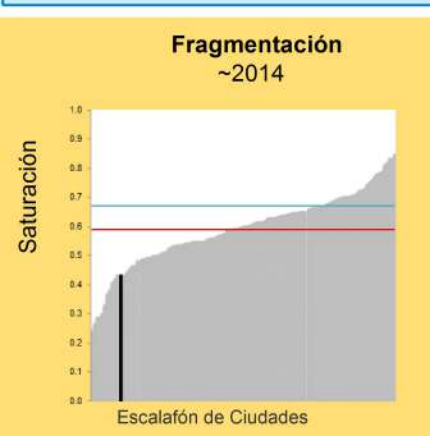
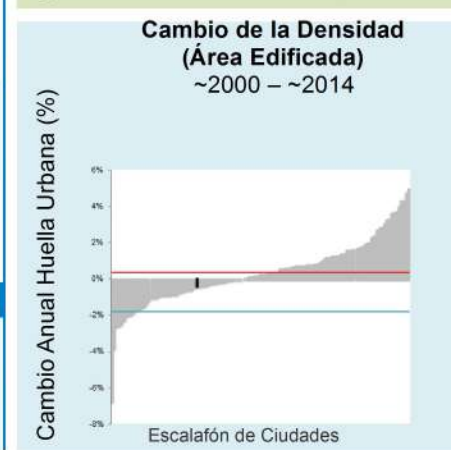
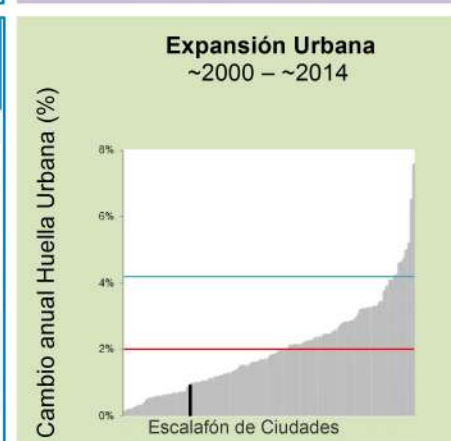
Pijó, Atlántico  
1990-2017

0 0.25 0.5 0.75 1 km

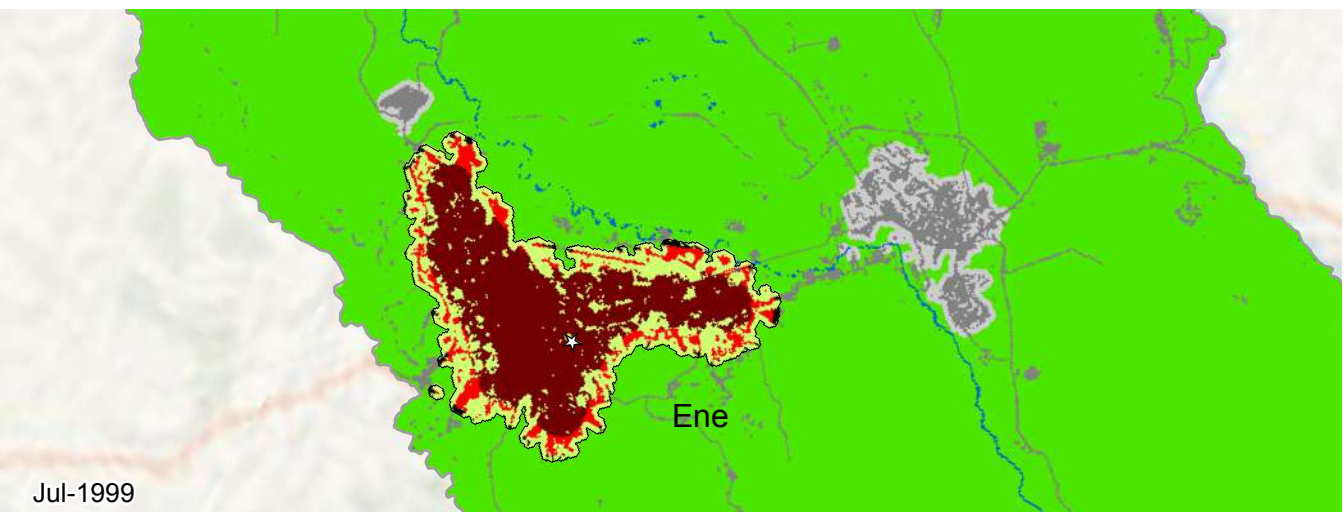




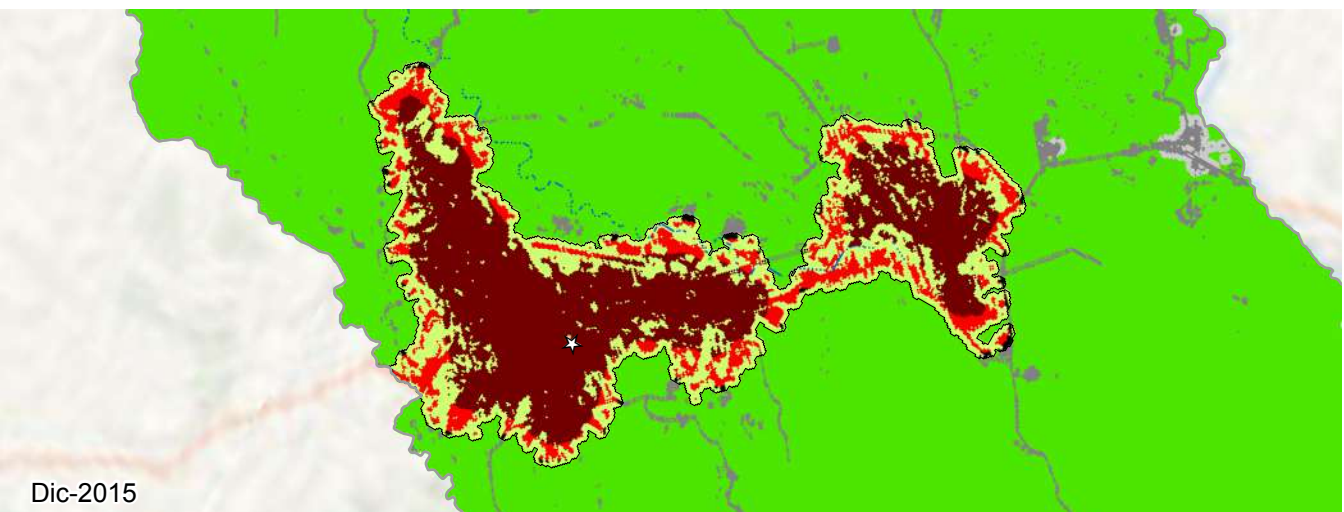
| Métrica                             | Ene 1990 | Mar 2000 | Ene 2017 | Cambio Anual % ('00-'17) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 1,968    | 2,359    | 2,568    | 0.5                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 11.2     | 22.2     | 29.0     | 1.6                      |
| Urbana                              | 8.0      | 21.7     | 27.5     | 1.4                      |
| Suburbana                           | 0.0      | 0.0      | 0.0      | 0.0                      |
| Rural                               | 3.1      | 0.5      | 1.4      | 5.8                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 18       | 35       | 37       | 0.5                      |
| Huella Urbana                       | 29       | 57       | 66       | 0.9                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 176.4    | 106.1    | 88.6     | -1.1                     |
| Densidad de la Huella Urbana        | 67.1     | 41.2     | 38.4     | -0.4                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.38     | 0.39     | 0.43     | 0.7                      |
| Índice de Apertura                  | 0.87     | 0.80     | 0.78     | -0.2                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.95     | 0.92     | 0.87     | -0.3                     |
| Cohesión                            | 0.92     | 0.90     | 0.86     | -0.3                     |
| Área Agregada (Hectáreas)           | '90-'00  | Porción  | '00-'17  | Porción                  |
| Relleno                             | 2.97     | 29.41%   | 2.34     | 35.51%                   |
| Extensión                           | 4.14     | 40.99%   | 1.71     | 25.95%                   |
| Crecimiento Discontinuo             | 0.99     | 9.8%     | 0.54     | 8.19%                    |
| Inclusión                           | 2.0      | 19.8%    | 2.0      | 30.35%                   |



Ago-1989



Jul-1999



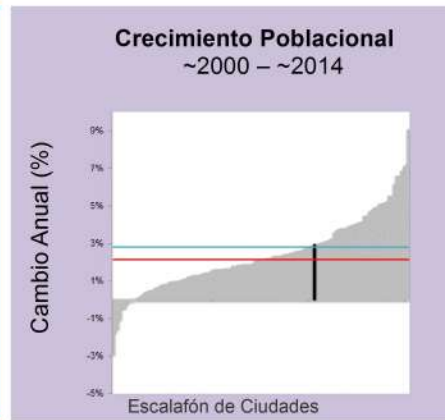
Dic-2015



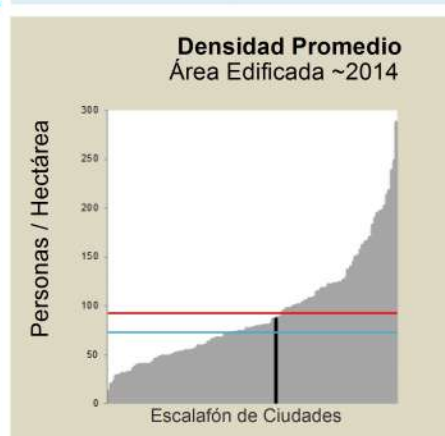
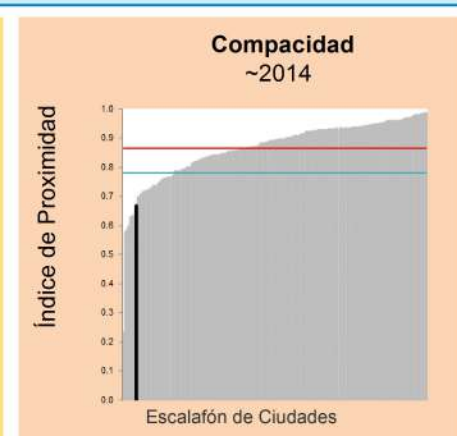
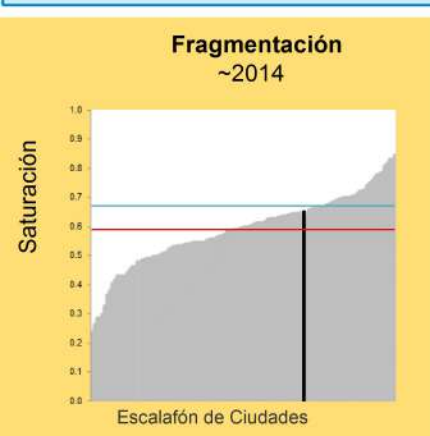
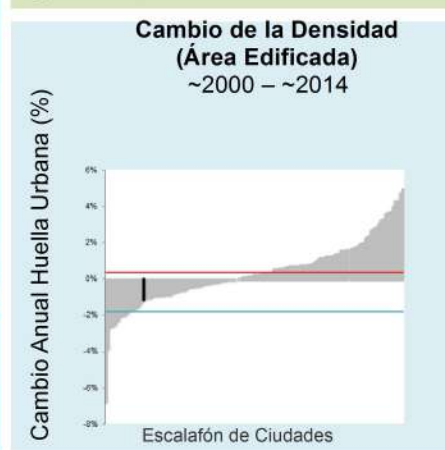
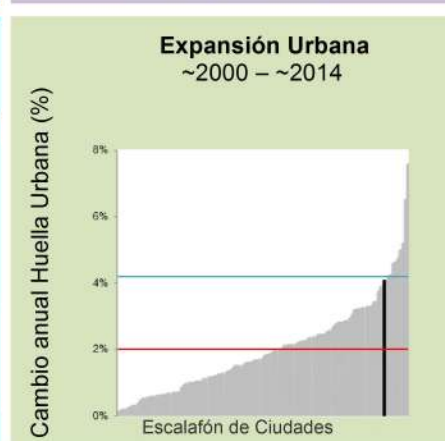


**Legenda**

- Popayán |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



| Métrica                             | Ago 1989 | Jul 1999 | Dic 2015 | Cambio Anual % ('99-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 138,323  | 168,449  | 271,289  | 2.9                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 802.5    | 1,035.0  | 2,020.3  | 4.1                      |
| Urbana                              | 625.0    | 836.6    | 1,540.3  | 3.7                      |
| Suburbana                           | 160.7    | 174.2    | 446.7    | 5.7                      |
| Rural                               | 16.8     | 24.2     | 33.3     | 1.9                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 426      | 552      | 1,080    | 4.1                      |
| Huella Urbana                       | 1,228    | 1,587    | 3,100    | 4.1                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 172.4    | 162.8    | 134.3    | -1.2                     |
| Densidad de la Huella Urbana        | 112.6    | 106.1    | 87.5     | -1.2                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.65     | 0.65     | 0.65     | -0.0                     |
| Índice de Apertura                  | 0.34     | 0.30     | 0.31     | 0.2                      |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.84     | 0.85     | 0.67     | -1.5                     |
| Cohesión                            | 0.83     | 0.85     | 0.68     | -1.4                     |
| Área Agregada (Hectáreas)           | '89-'99  | Porción  | '99-'15  | Porción                  |
| Relleno                             | 84.69    | 36.57%   | 262.53   | 26.66%                   |
| Extensión                           | 96.48    | 41.67%   | 254.88   | 25.88%                   |
| Crecimiento Discontinuo             | 24.39    | 10.53%   | 86.31    | 8.76%                    |
| Inclusión                           | 26.0     | 11.23%   | 381.0    | 38.69%                   |















Jul-1991

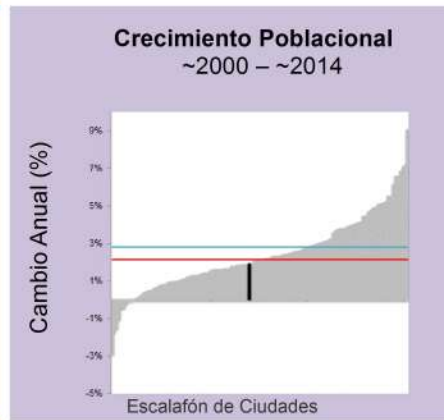
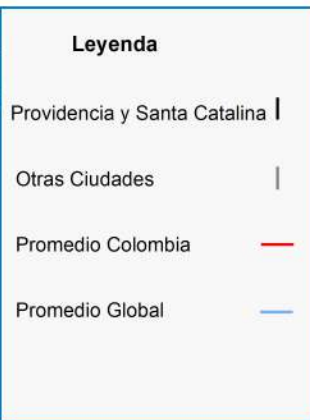
Feb-2000

Mar-2015

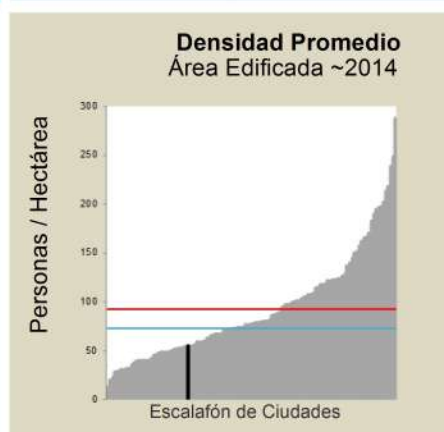
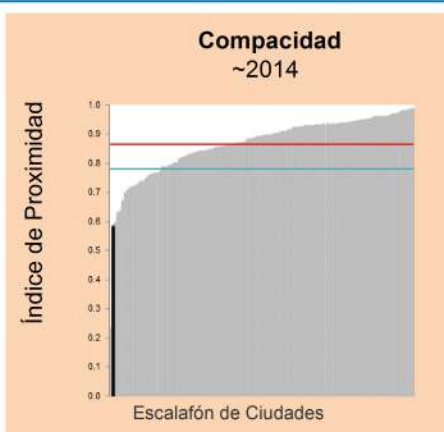
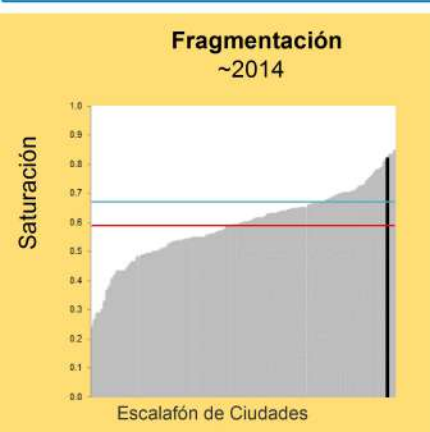
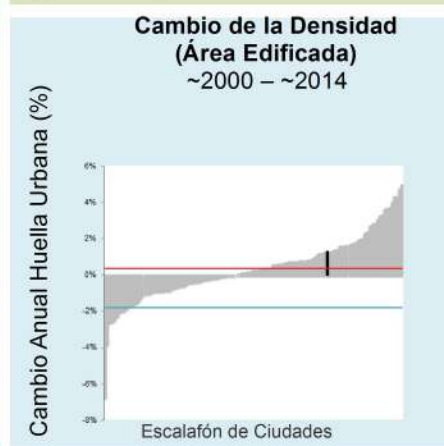
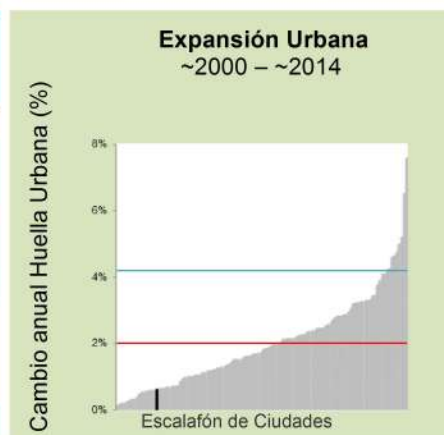
# Providencia Y Santa Catalina, San Andres 1991-2015



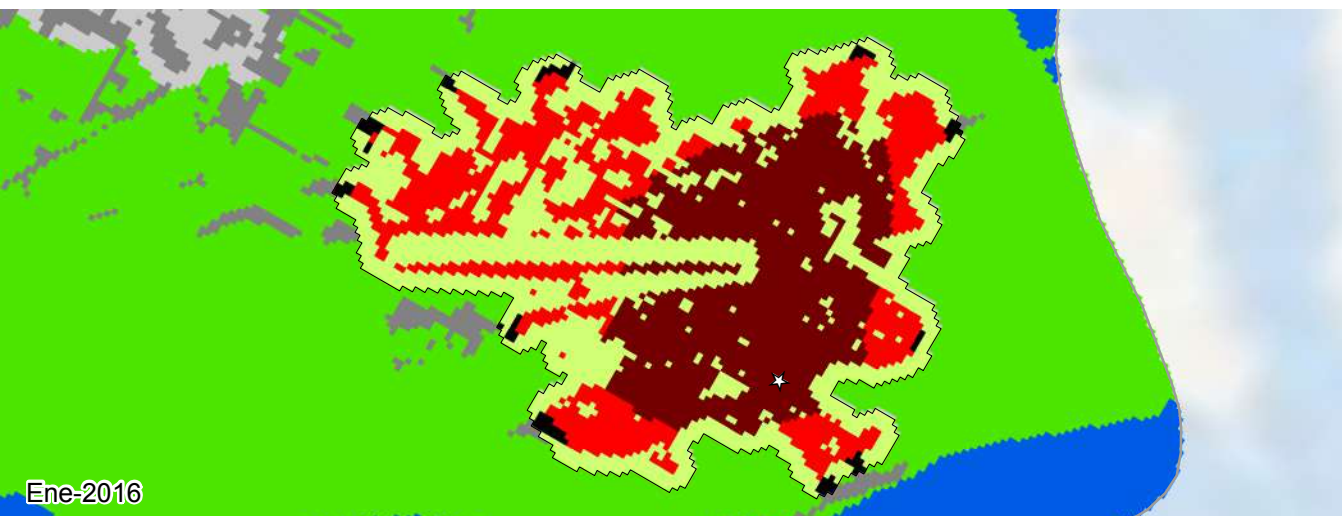
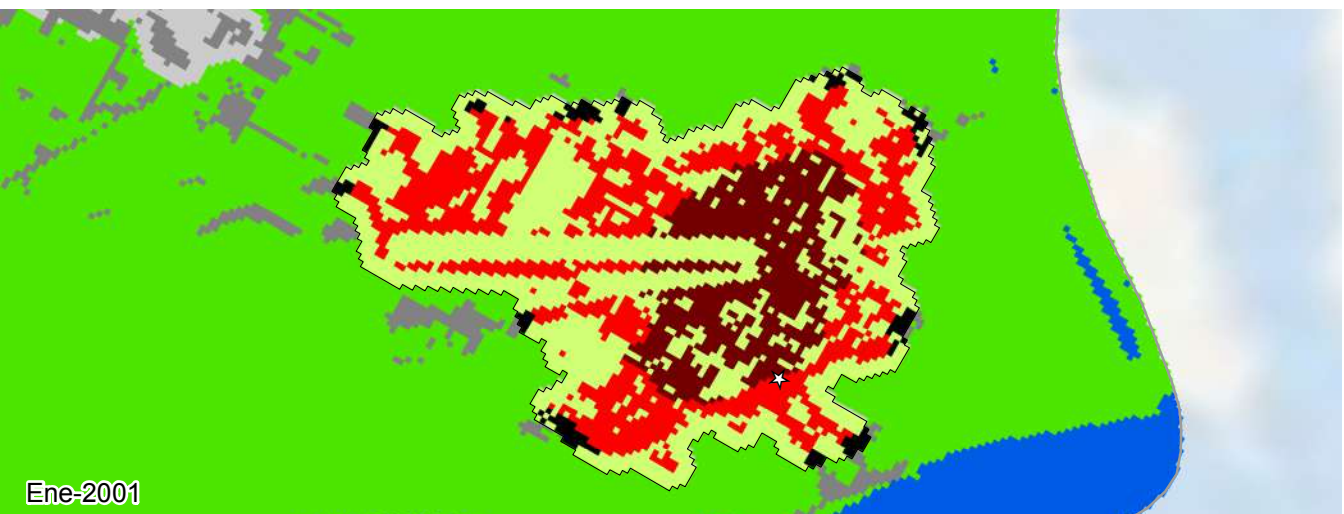
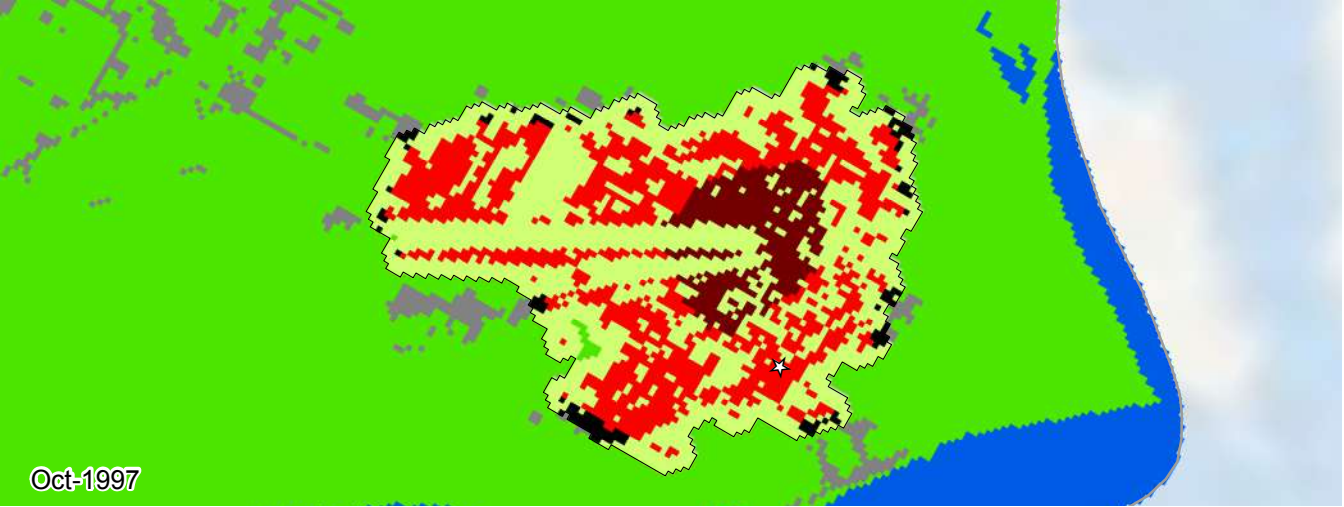
- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |   | Centro urbano            |

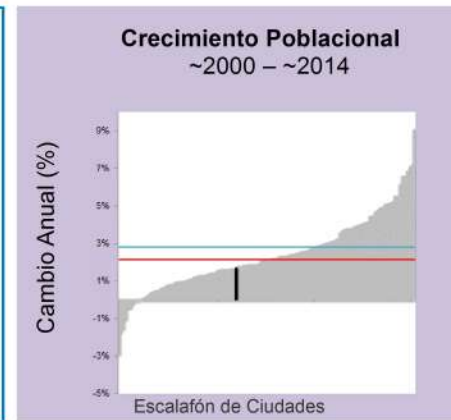
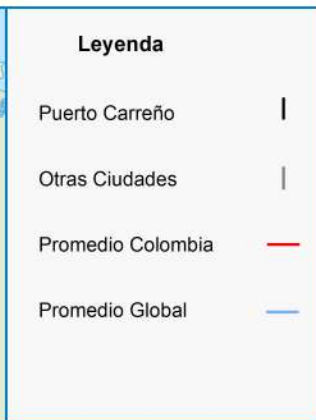


| Métrica                             | Jul 1991 | Feb 2000 | Mar 2015 | Cambio Anual % ('00-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 1,337    | 3,990    | 5,297    | 1.9                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 13.5     | 30.9     | 78.8     | 6.2                      |
| Urbana                              | 10.7     | 146.7    | 209.5    | 2.4                      |
| Suburbana                           | 0.0      | 0.0      | 0.0      | 0.0                      |
| Rural                               | 0.1      | 0.0      | 0.0      | 0.0                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 52       | 461      | 488      | 0.4                      |
| Huella Urbana                       | 34       | 87       | 96       | 0.6                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 99.0     | 129.3    | 67.2     | -4.3                     |
| Densidad de la Huella Urbana        | 38.5     | 45.6     | 55.1     | 1.3                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.39     | 0.35     | 0.82     | 5.6                      |
| Índice de Apertura                  | 0.86     | 0.78     | 0.73     | -0.5                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.88     | 0.59     | 0.58     | -0.1                     |
| Cohesión                            | 0.84     | 0.61     | 0.60     | -0.2                     |
| Área Agregada (Hectáreas)           | '91-'00  | Porción  | '00-'15  | Porción                  |
| Relleno                             | 0.72     | 4.4%     | 9.81     | 20.48%                   |
| Extensión                           | 1.35     | 8.24%    | 9.18     | 19.17%                   |
| Crecimiento Discontinuo             | 5.31     | 32.42%   | 0.9      | 1.88%                    |
| Inclusión                           | 9.0      | 54.95%   | 28.0     | 58.47%                   |

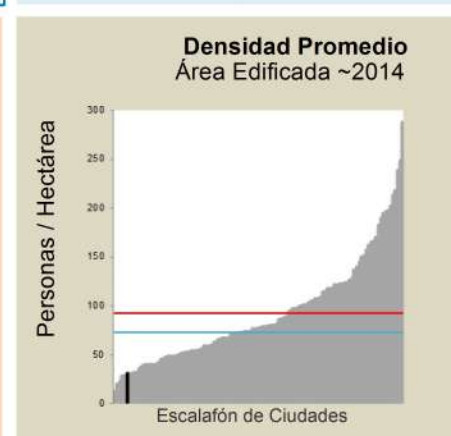
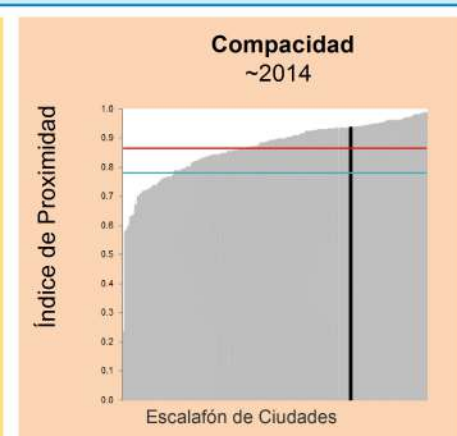
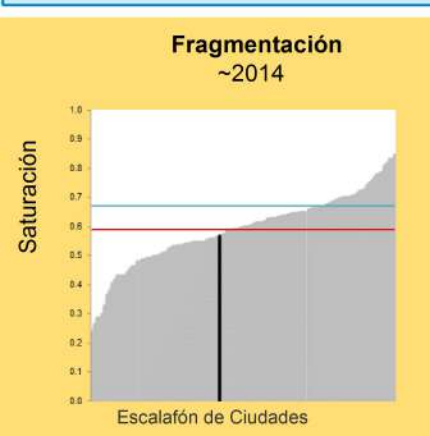
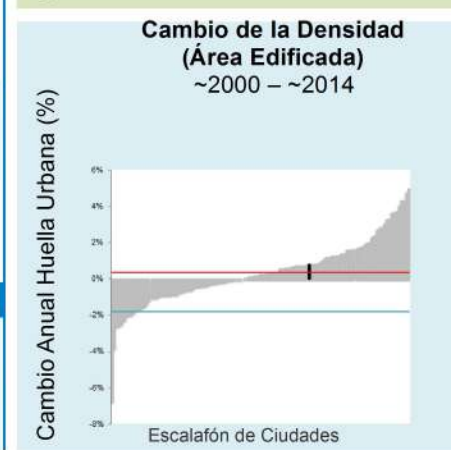
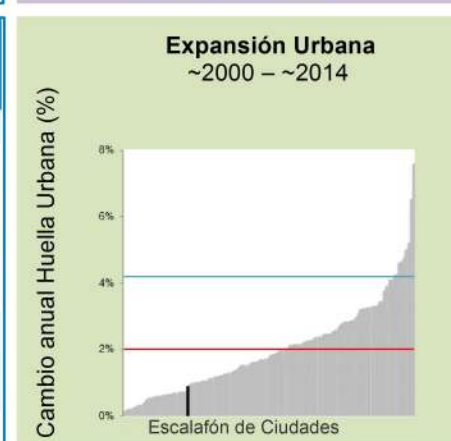




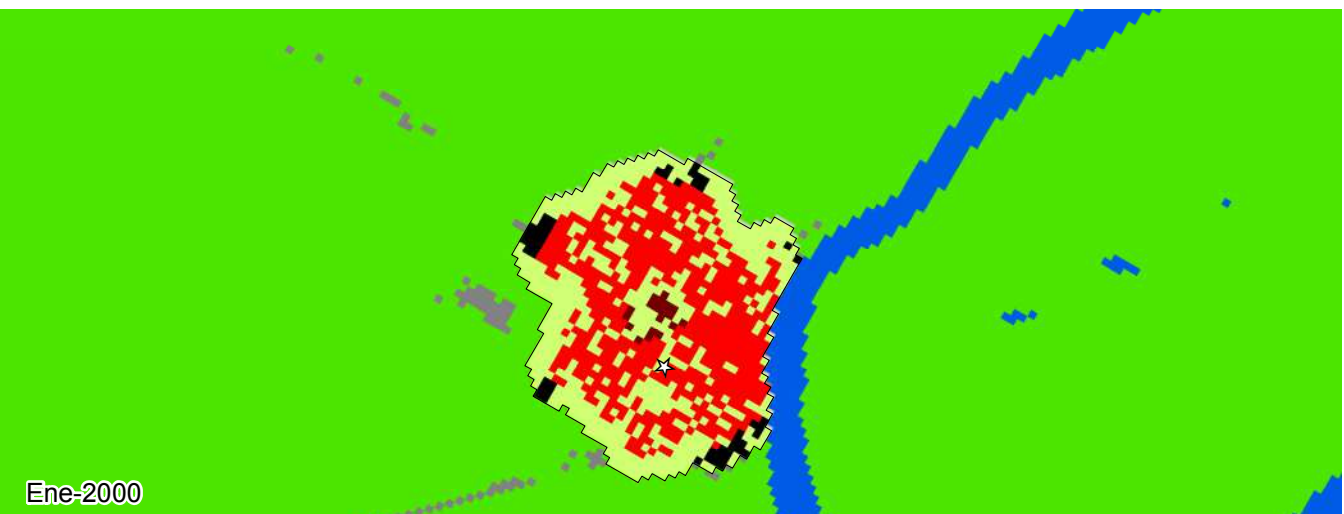




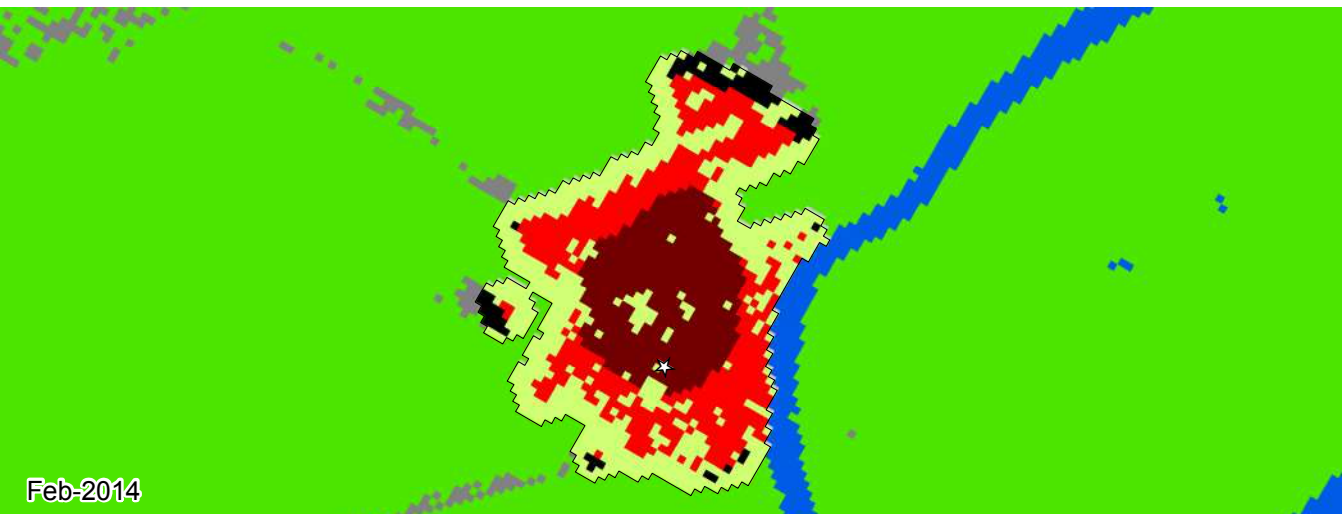
| Métrica                             | Oct 1997 | Ene 2001 | Ene 2016 | Cambio Anual % ('01-'16) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 8,460    | 12,511   | 16,017   | 1.6                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 178.7    | 224.5    | 294.9    | 1.8                      |
| Urbana                              | 37.4     | 76.2     | 157.3    | 4.8                      |
| Suburbana                           | 129.9    | 134.7    | 129.1    | -0.3                     |
| Rural                               | 11.4     | 13.6     | 8.6      | -3.1                     |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 220      | 230      | 223      | -0.2                     |
| Huella Urbana                       | 399      | 455      | 518      | 0.9                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 47.3     | 55.7     | 54.3     | -0.2                     |
| Densidad de la Huella Urbana        | 21.2     | 27.5     | 30.9     | 0.8                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.45     | 0.49     | 0.57     | 0.9                      |
| Índice de Apertura                  | 0.60     | 0.56     | 0.47     | -1.2                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.94     | 0.92     | 0.94     | 0.1                      |
| Cohesión                            | 0.93     | 0.92     | 0.93     | 0.1                      |
| Área Agregada (Hectáreas)           | '97-'01  | Porción  | '01-'16  | Porción                  |
| Relleno                             | 20.88    | 46.2%    | 40.77    | 58.71%                   |
| Extensión                           | 13.05    | 28.88%   | 23.4     | 33.7%                    |
| Crecimiento Discontinuo             | 1.26     | 2.79%    | 0.27     | 0.39%                    |
| Inclusión                           | 10.0     | 22.13%   | 5.0      | 7.2%                     |



Ene-1990



Ene-2000



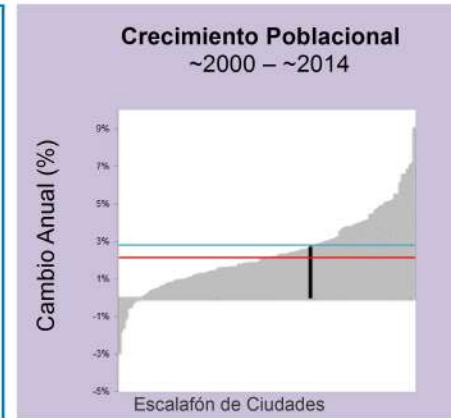
Feb-2014



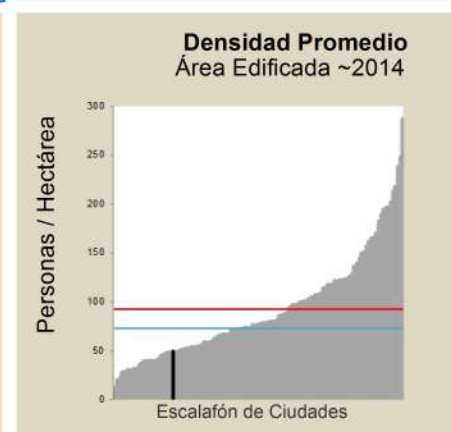
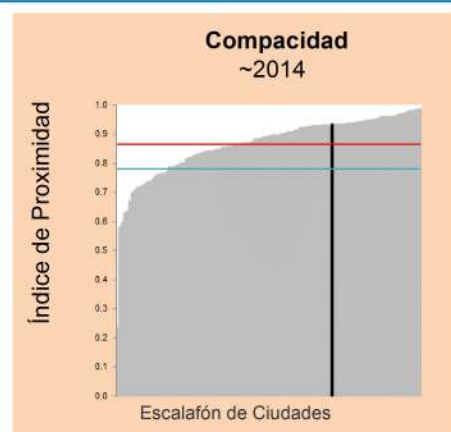
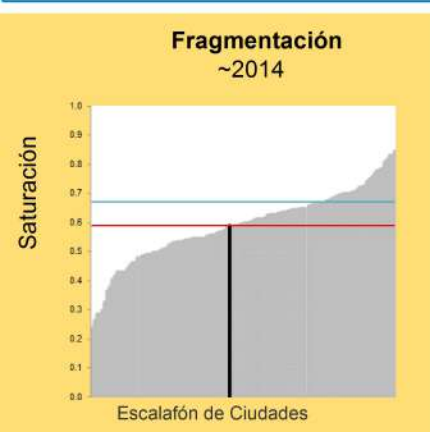
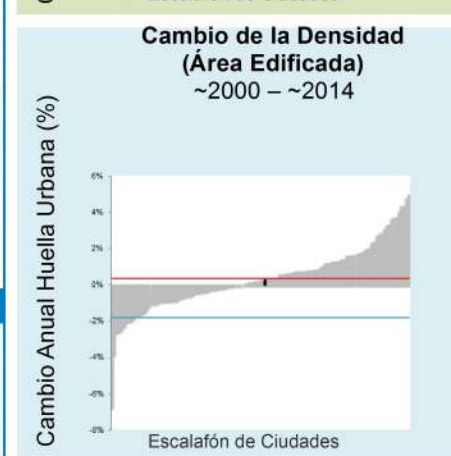
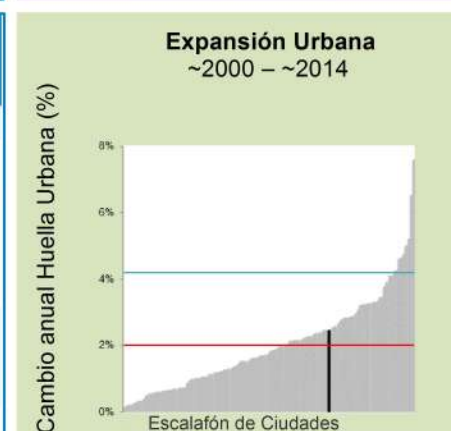


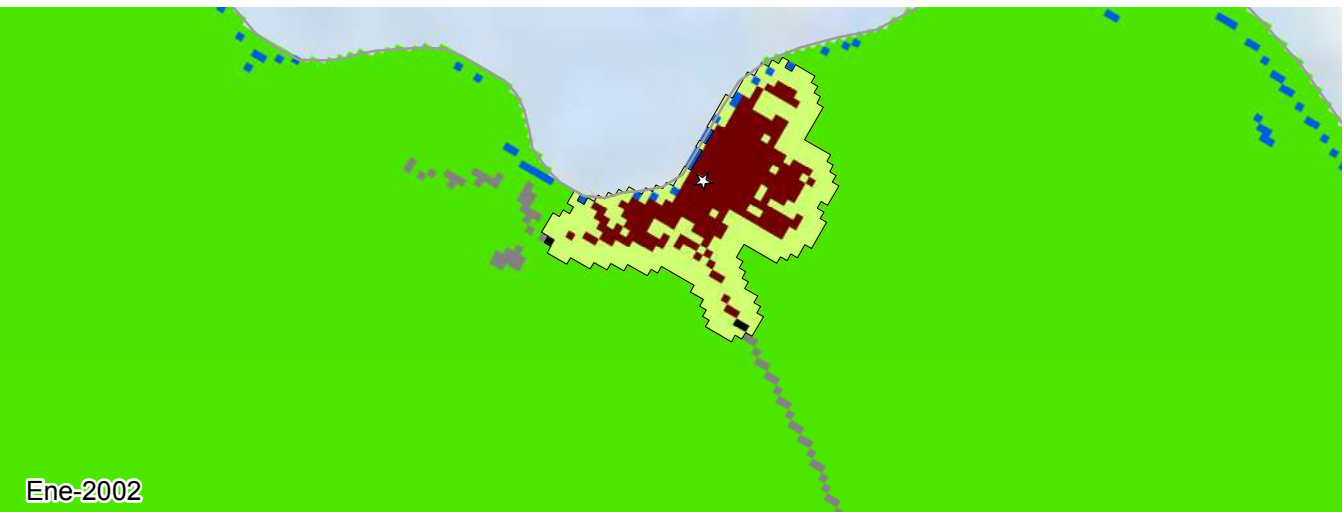
**Legenda**

- Puerto Gaitán |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



| Métrica                             | Ene 1990 | Ene 2000 | Feb 2014 | Cambio Anual % ('00-'14) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 3,700    | 5,163    | 7,542    | 2.7                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 40.5     | 56.5     | 89.7     | 3.3                      |
| Urbana                              | 0.0      | 1.7      | 37.5     | 21.9                     |
| Suburbana                           | 33.0     | 50.1     | 45.4     | -0.7                     |
| Rural                               | 7.5      | 4.7      | 6.8      | 2.7                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 35       | 51       | 62       | 1.4                      |
| Huella Urbana                       | 76       | 107      | 152      | 2.4                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 91.4     | 91.3     | 84.1     | -0.6                     |
| Densidad de la Huella Urbana        | 48.5     | 47.9     | 49.6     | 0.2                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.53     | 0.52     | 0.59     | 0.8                      |
| Índice de Apertura                  | 0.68     | 0.63     | 0.54     | -1.1                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.98     | 0.99     | 0.93     | -0.4                     |
| Cohesión                            | 0.97     | 0.98     | 0.92     | -0.4                     |
| Área Agregada (Hectáreas)           | '90-'00  | Porción  | '00-'14  | Porción                  |
| Relleno                             | 3.69     | 3.35%    | 15.03    | 2.31%                    |
| Extensión                           | 8.64     | 7.85%    | 15.12    | 2.32%                    |
| Crecimiento Discontinuo             | 0.63     | 0.57%    | 0.0      | 0.0%                     |
| Inclusión                           | 3.0      | 2.72%    | 3.0      | 0.46%                    |

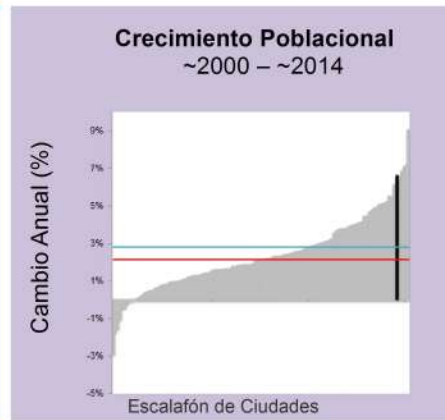




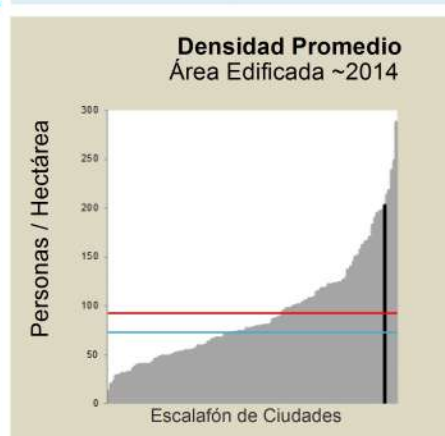
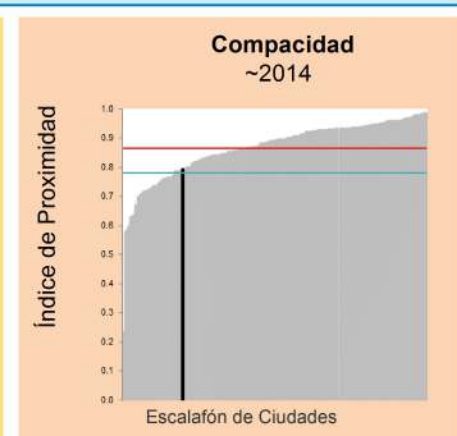
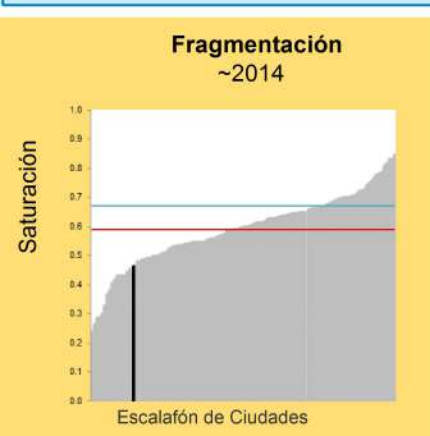
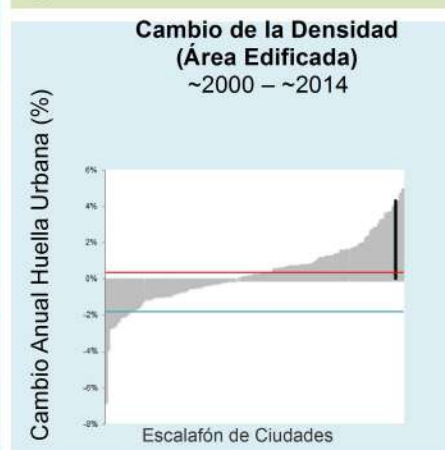
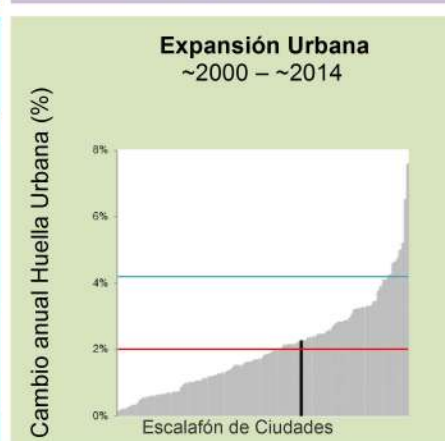


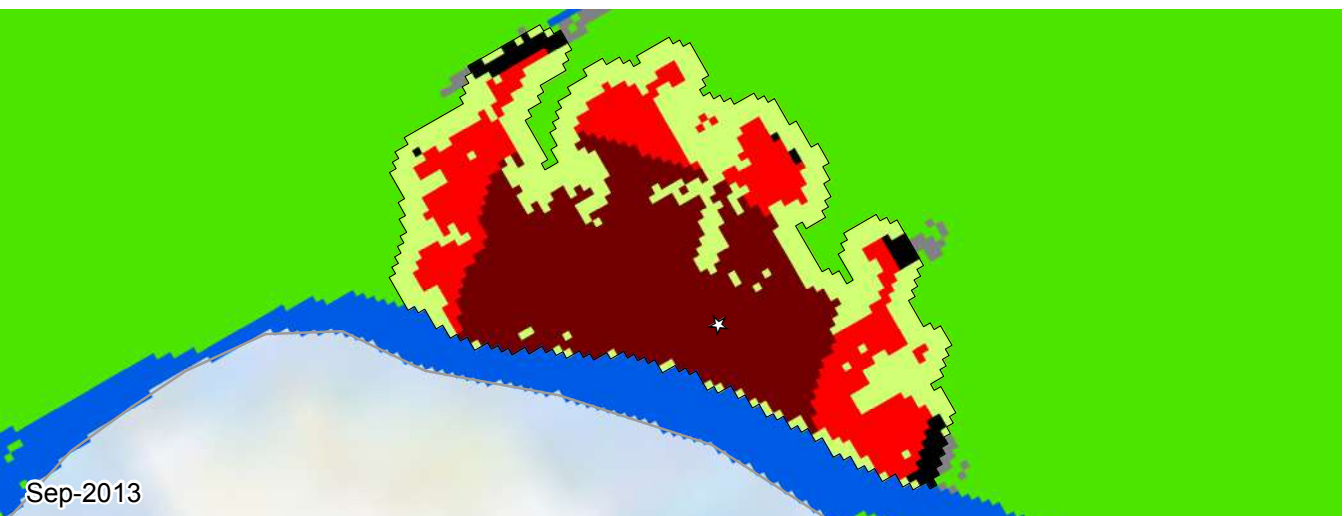
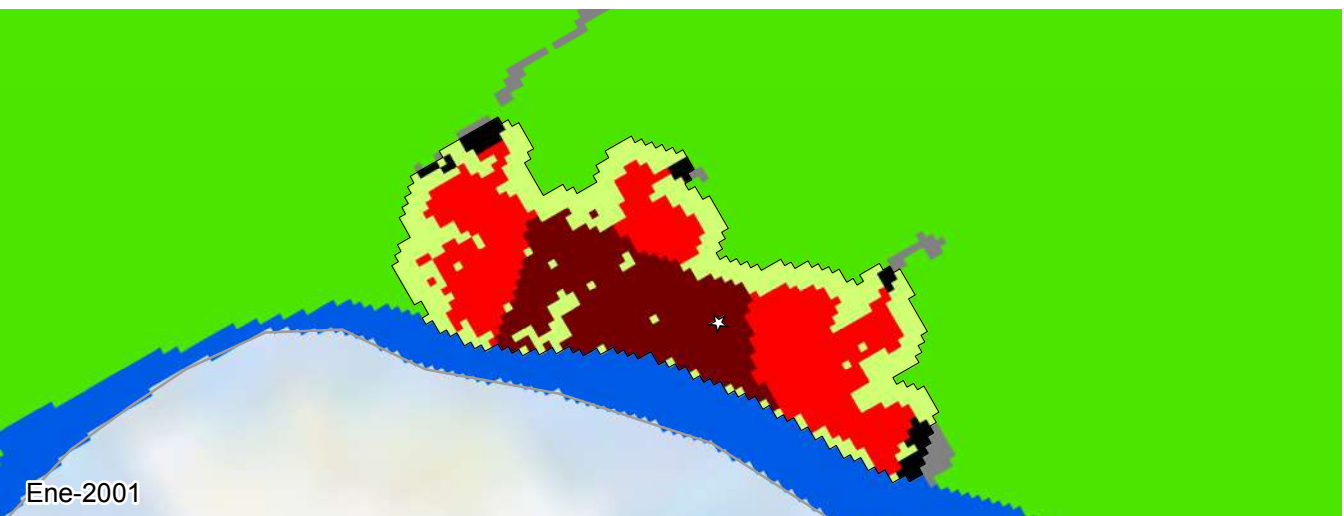
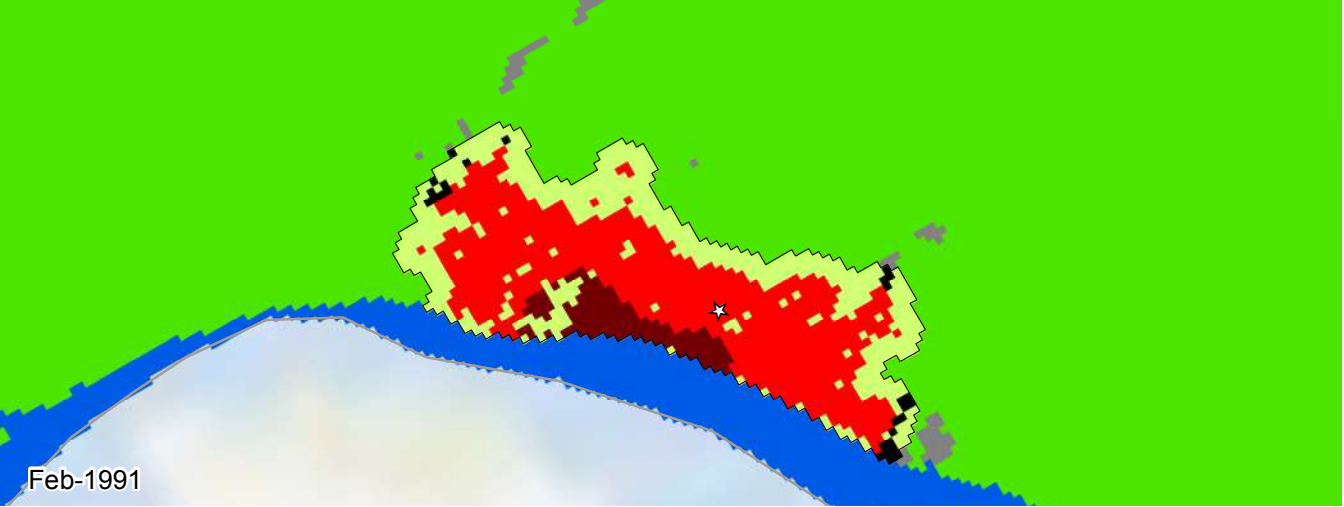
**Legenda**

- Puerto Guzmán |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —















| Métrica                             | Dic 1989 | Ene 2002 | Mar 2016 | Cambio Anual % ('02-'16) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 6,034    | 6,250    | 15,851   | 6.6                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 12.6     | 23.8     | 36.4     | 3.0                      |
| Urbana                              | 10.0     | 23.5     | 34.4     | 2.7                      |
| Suburbana                           | 0.0      | 0.0      | 0.0      | 0.0                      |
| Rural                               | 2.6      | 0.3      | 2.0      | 14.1                     |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 11       | 33       | 41       | 1.7                      |
| Huella Urbana                       | 24       | 56       | 78       | 2.2                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 478.9    | 263.0    | 436.0    | 3.6                      |
| Densidad de la Huella Urbana        | 248.3    | 109.9    | 202.7    | 4.3                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.52     | 0.42     | 0.46     | 0.8                      |
| Índice de Apertura                  | 0.87     | 0.73     | 0.69     | -0.4                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.89     | 0.87     | 0.79     | -0.6                     |
| Cohesión                            | 0.86     | 0.85     | 0.78     | -0.6                     |
| Área Agregada (Hectáreas)           | '89-'02  | Porción  | '02-'16  | Porción                  |
| Relleno                             | 0.54     | 5.22%    | 4.14     | 34.53%                   |
| Extensión                           | 8.91     | 86.09%   | 4.41     | 36.78%                   |
| Crecimiento Discontinuo             | 0.9      | 8.7%     | 1.44     | 12.01%                   |
| Inclusión                           | 0.0      | 0.0%     | 2.0      | 16.68%                   |

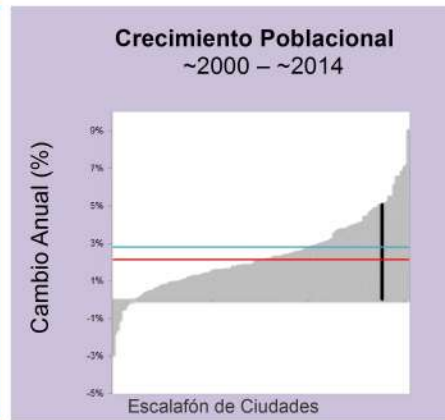
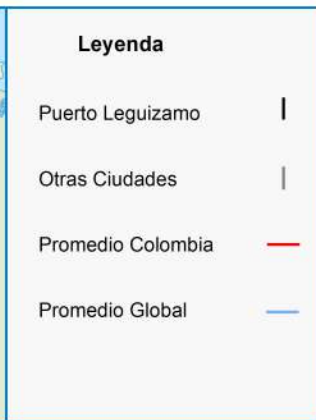




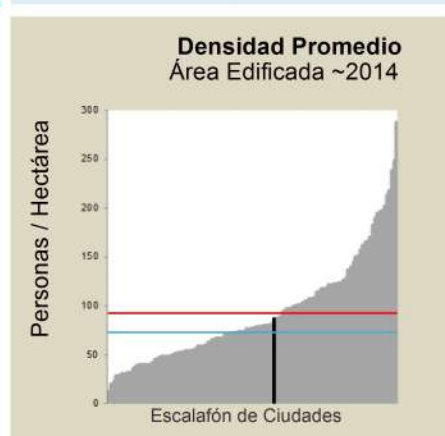
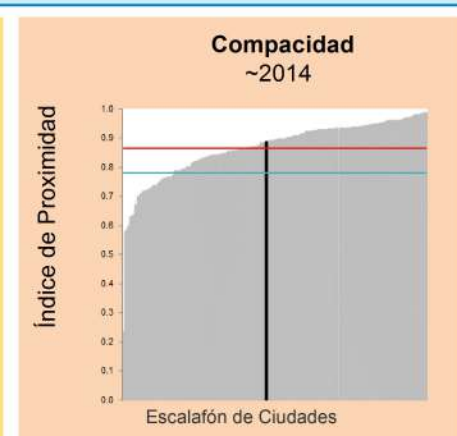
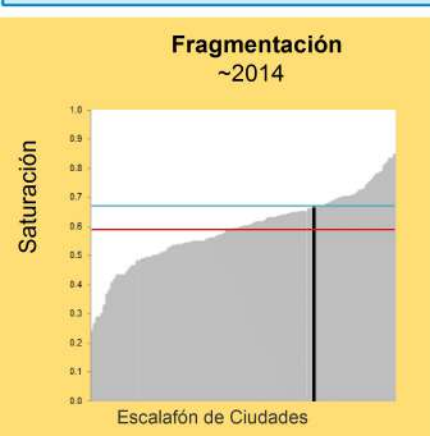
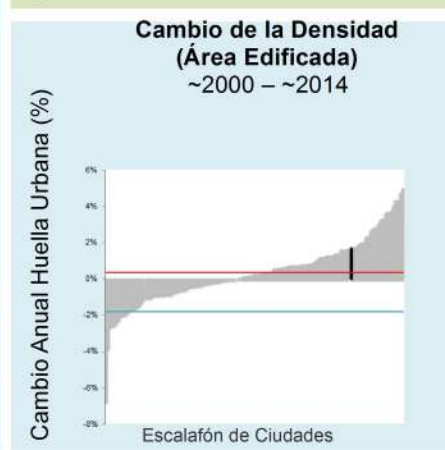
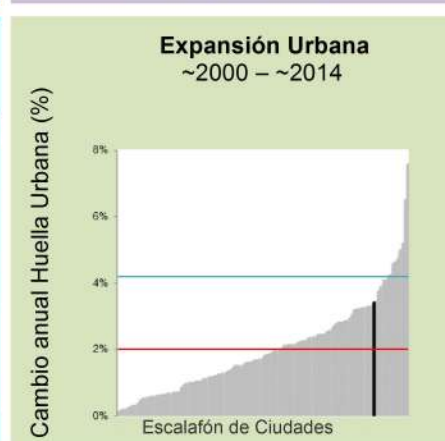
Puerto Leguizamo,  
Putumayo  
1991-2013



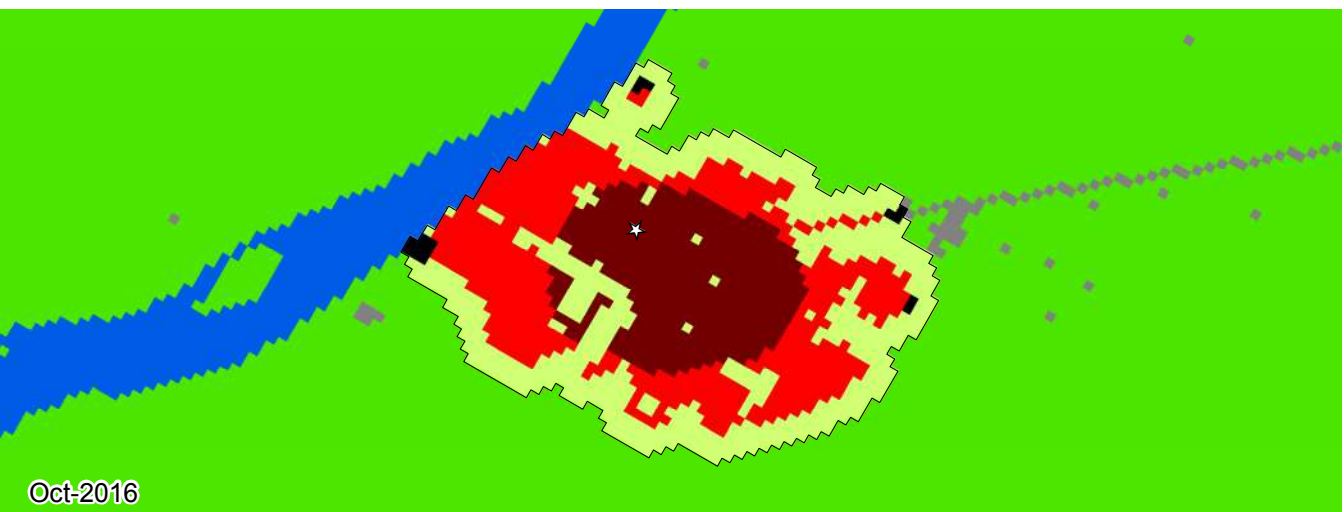
- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |   | Centro urbano            |



| Métrica                             | Feb 1991 | Ene 2001 | Sep 2013 | Cambio Anual % ('01-'13) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 7,865    | 10,444   | 19,885   | 5.1                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 82.6     | 100.4    | 152.3    | 3.3                      |
| Urbana                              | 10.6     | 40.5     | 94.6     | 6.7                      |
| Suburbana                           | 69.5     | 55.0     | 51.2     | -0.6                     |
| Rural                               | 2.5      | 4.9      | 6.5      | 2.3                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 46       | 48       | 77       | 3.7                      |
| Huella Urbana                       | 129      | 148      | 229      | 3.4                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 95.2     | 104.1    | 130.6    | 1.8                      |
| Densidad de la Huella Urbana        | 60.8     | 70.2     | 86.6     | 1.7                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.64     | 0.67     | 0.66     | -0.1                     |
| Índice de Apertura                  | 0.58     | 0.54     | 0.46     | -1.3                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.75     | 0.77     | 0.89     | 1.1                      |
| Cohesión                            | 0.75     | 0.77     | 0.88     | 1.1                      |
| Área Agregada (Hectáreas)           | '91-'01  | Porción  | '01-'13  | Porción                  |
| Relleno                             | 3.69     | 21.01%   | 9.54     | 18.48%                   |
| Extensión                           | 12.42    | 70.73%   | 34.11    | 66.09%                   |
| Crecimiento Discontinuo             | 0.45     | 2.56%    | 3.96     | 7.67%                    |
| Inclusión                           | 1.0      | 5.69%    | 4.0      | 7.75%                    |















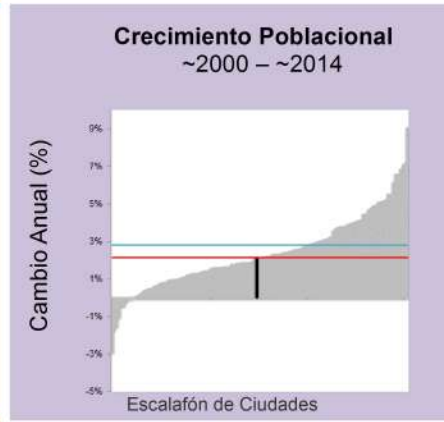
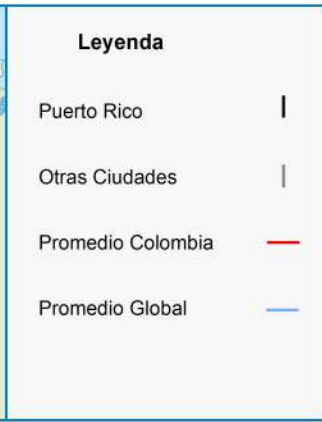




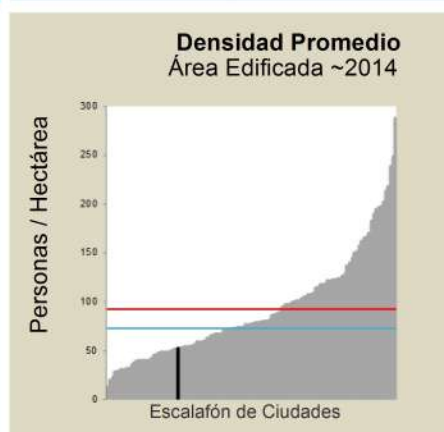
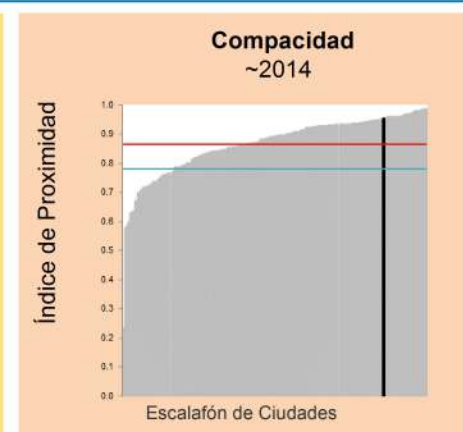
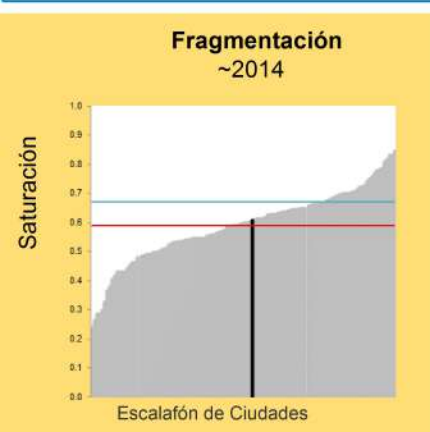
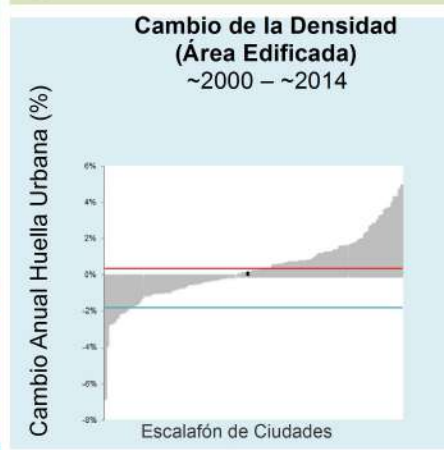
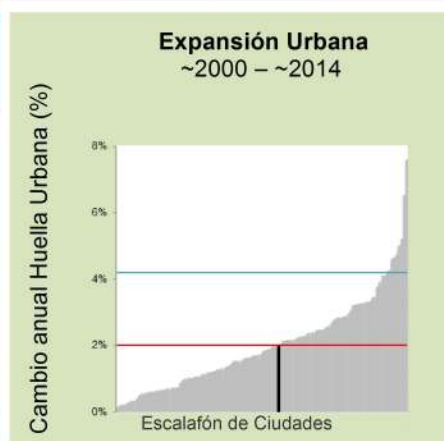
Puerto Rico, Meta  
1988-2016

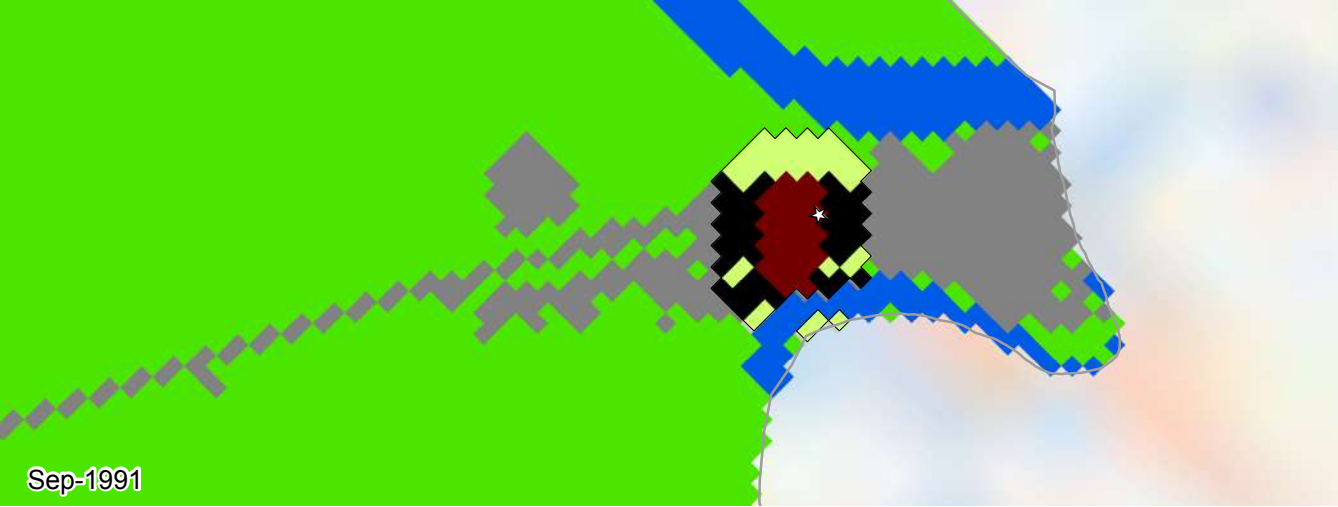


- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |   | Centro urbano            |

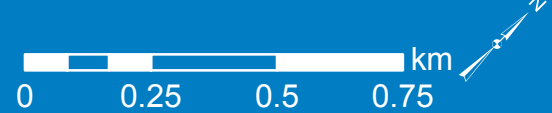


| Métrica                             | Ene 1988 | Feb 2000 | Oct 2016 | Cambio Anual % ('00-'16) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 4,551    | 5,220    | 7,420    | 2.1                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 43.0     | 58.6     | 85.5     | 2.3                      |
| Urbana                              | 0.0      | 5.8      | 35.6     | 10.8                     |
| Suburbana                           | 37.9     | 50.5     | 48.4     | -0.3                     |
| Rural                               | 5.1      | 2.3      | 1.4      | -2.7                     |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 33       | 42       | 55       | 1.5                      |
| Huella Urbana                       | 76       | 101      | 140      | 2.0                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 105.8    | 89.1     | 86.8     | -0.2                     |
| Densidad de la Huella Urbana        | 59.3     | 51.6     | 52.7     | 0.1                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.56     | 0.58     | 0.61     | 0.3                      |
| Índice de Apertura                  | 0.68     | 0.61     | 0.53     | -0.9                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.96     | 0.97     | 0.95     | -0.1                     |
| Cohesión                            | 0.95     | 0.96     | 0.94     | -0.1                     |
| Área Agregada (Hectáreas)           | '88-'00  | Porción  | '00-'16  | Porción                  |
| Relleno                             | 3.78     | 24.95%   | 7.56     | 29.05%                   |
| Extensión                           | 8.1      | 53.47%   | 17.37    | 66.76%                   |
| Crecimiento Discontinuo             | 0.27     | 1.78%    | 0.09     | 0.35%                    |
| Inclusión                           | 3.0      | 19.8%    | 1.0      | 3.84%                    |





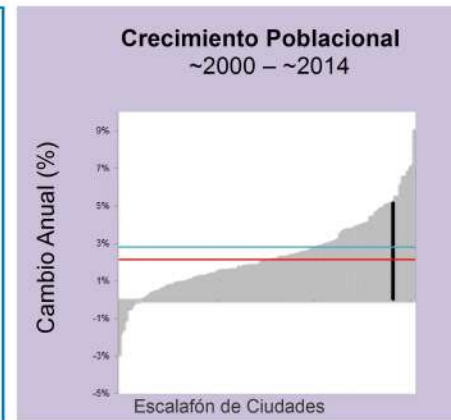
Puerto Santander, Norte de Santander  
1991-2016



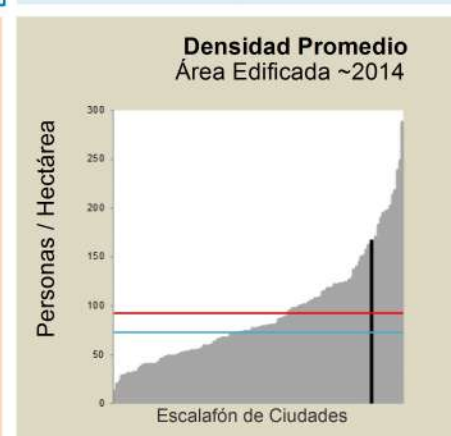
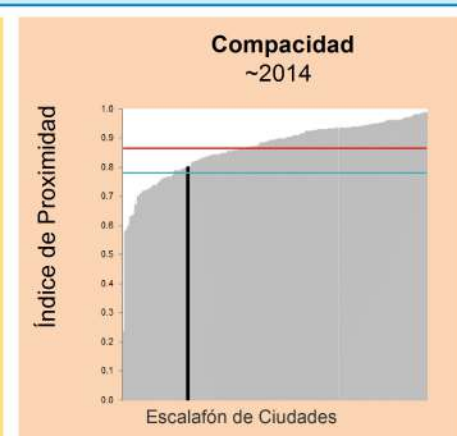
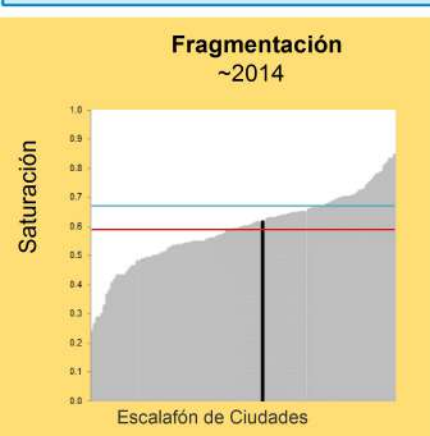
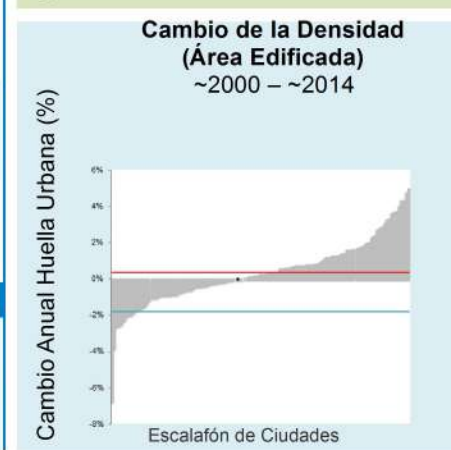
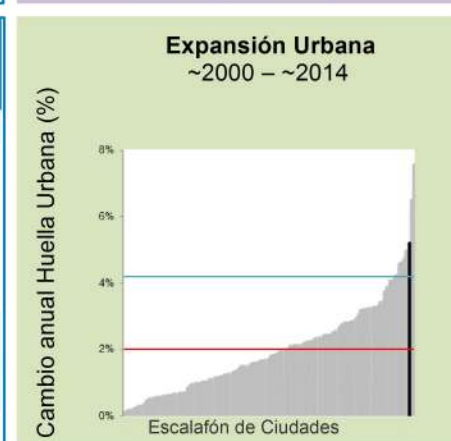


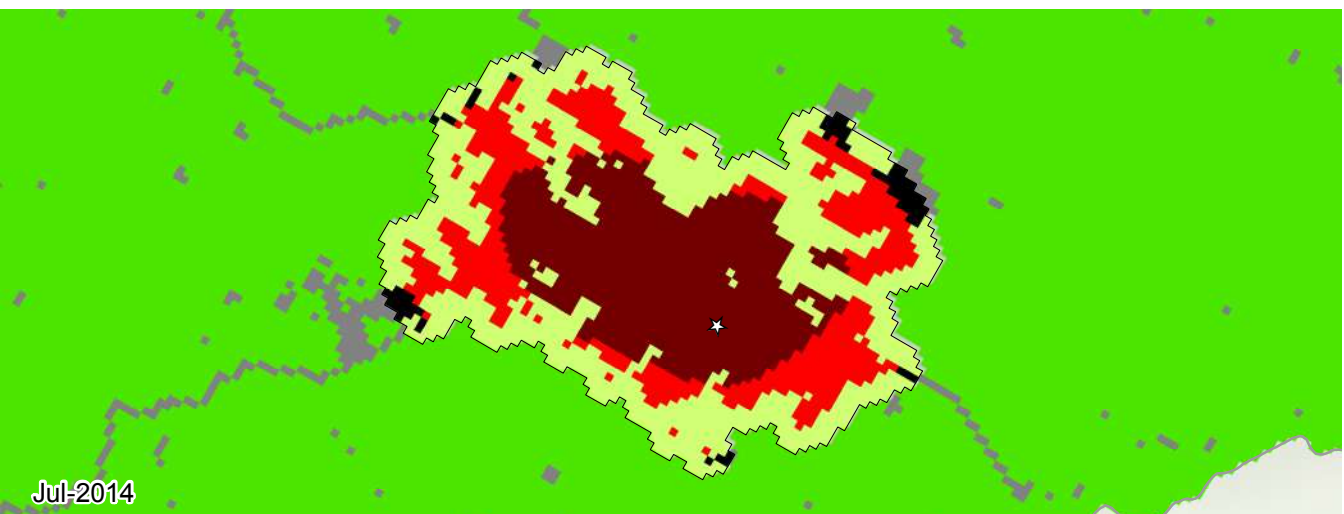
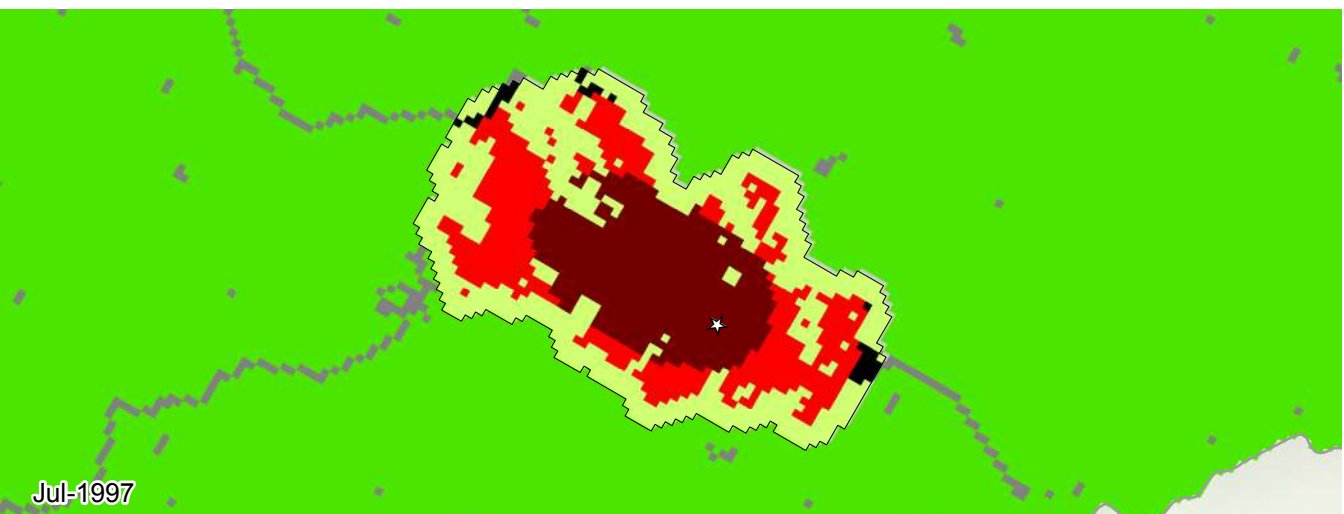
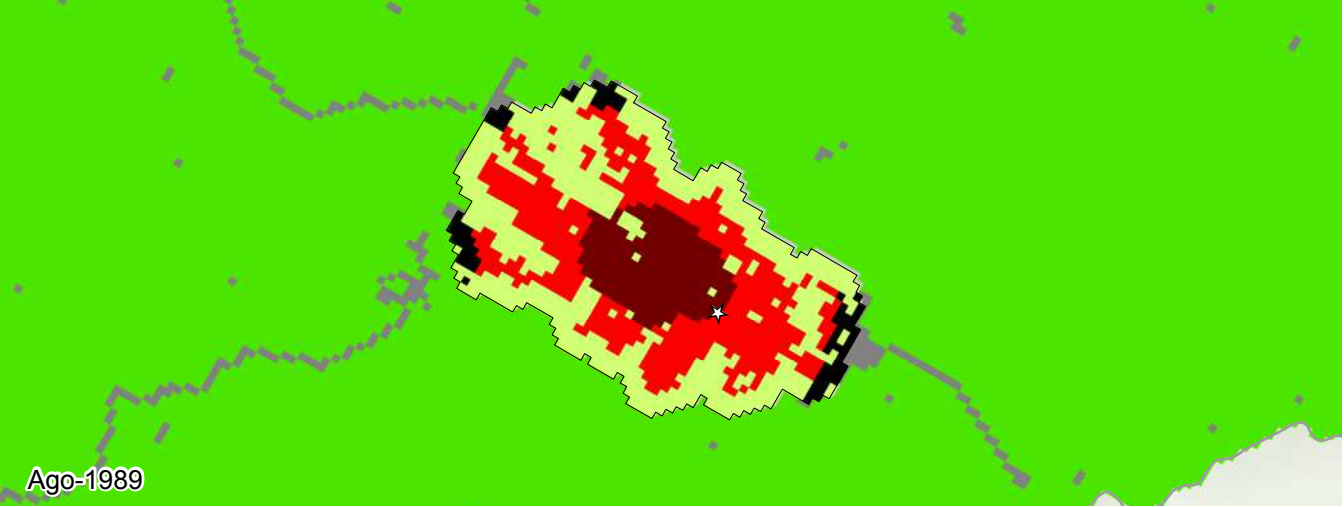
**Legenda**

- Puerto Santander |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —

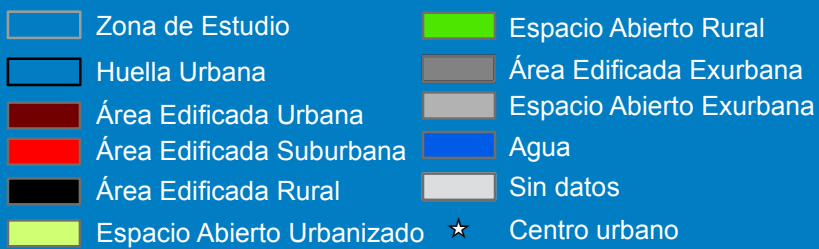


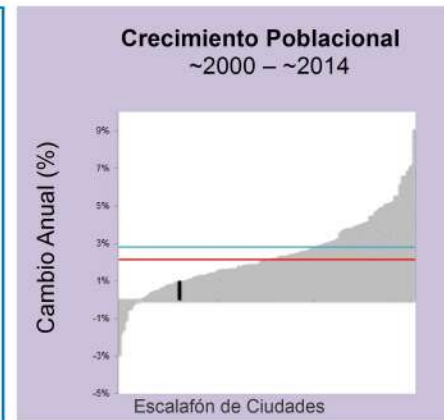
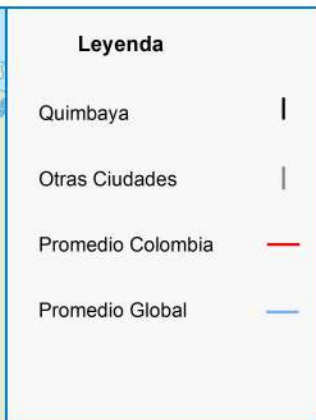
| Métrica                             | Sep 1991 | Sep 2000 | Ago 2016 | Cambio Anual % ('00-'16) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 616      | 5,988    | 13,636   | 5.2                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 6.6      | 23.2     | 50.6     | 4.9                      |
| Urbana                              | 0.0      | 0.9      | 3.3      | 8.2                      |
| Suburbana                           | 2.7      | 21.1     | 43.9     | 4.6                      |
| Rural                               | 3.9      | 1.3      | 3.3      | 6.1                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 3        | 12       | 31       | 5.8                      |
| Huella Urbana                       | 9        | 35       | 82       | 5.2                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 93.9     | 257.9    | 269.6    | 0.3                      |
| Densidad de la Huella Urbana        | 64.1     | 167.2    | 166.1    | -0.0                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.68     | 0.65     | 0.62     | -0.3                     |
| Índice de Apertura                  | 0.75     | 0.63     | 0.63     | -0.0                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 1.00     | 0.87     | 0.80     | -0.5                     |
| Cohesión                            | 0.91     | 0.85     | 0.79     | -0.4                     |
| Área Agregada (Hectáreas)           | '91-'00  | Porción  | '00-'16  | Porción                  |
| Relleno                             | 0.0      | 0.0%     | 0.99     | 3.75%                    |
| Extensión                           | 0.36     | 2.25%    | 2.16     | 8.19%                    |
| Crecimiento Discontinuo             | 0.63     | 3.94%    | 14.22    | 53.92%                   |
| Inclusión                           | 15.0     | 93.81%   | 9.0      | 34.13%                   |



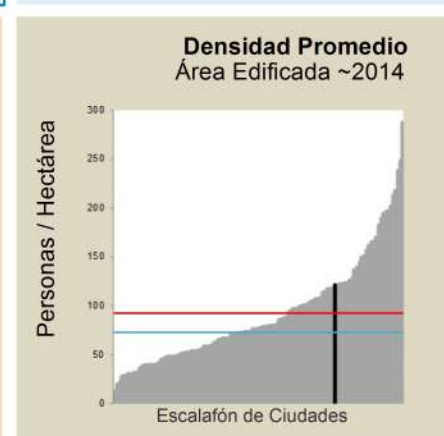
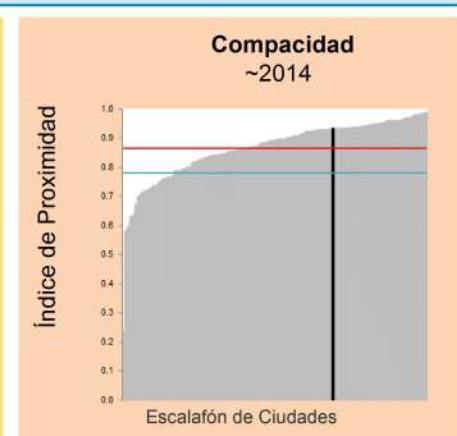
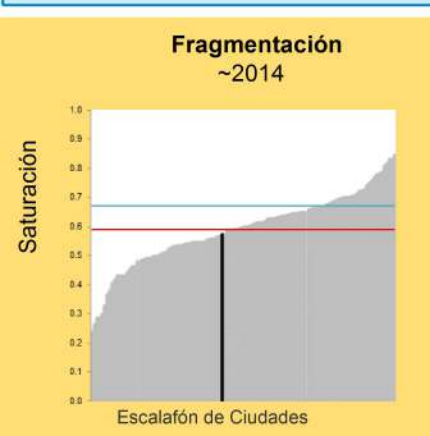
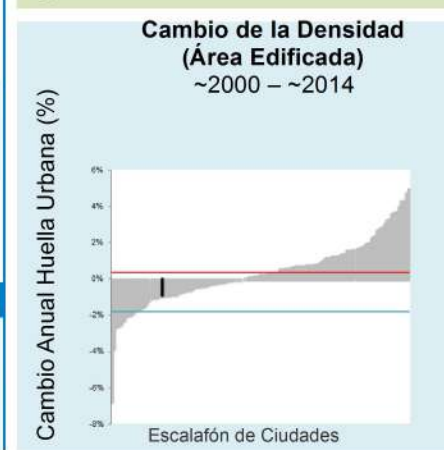
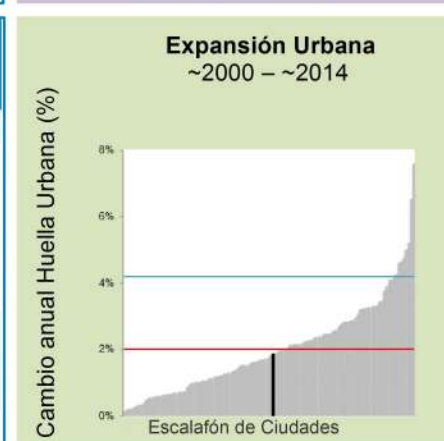


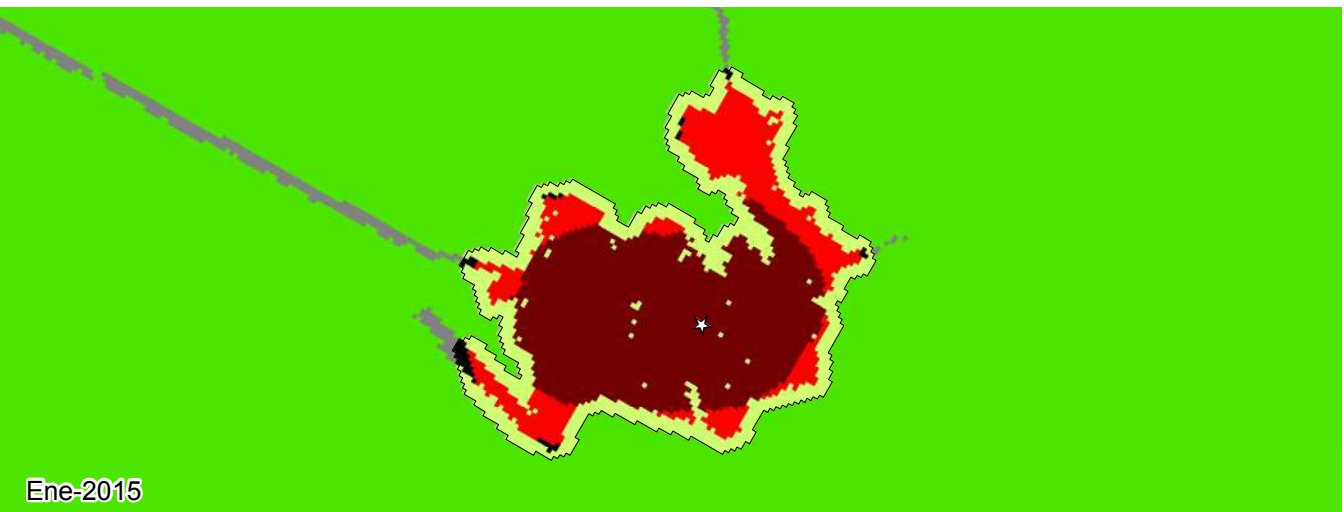
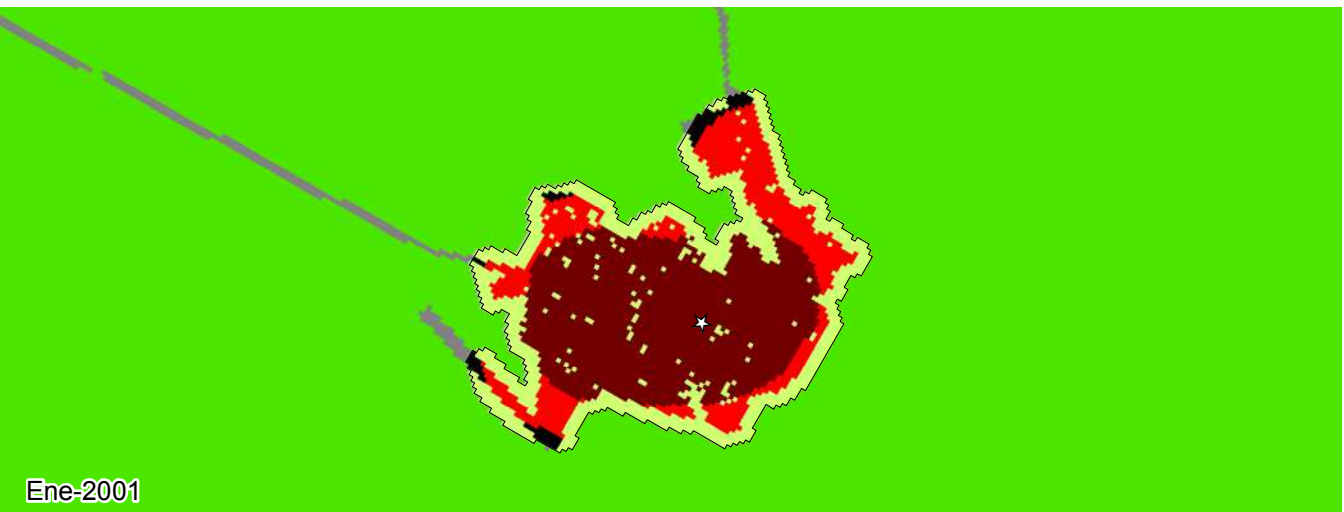
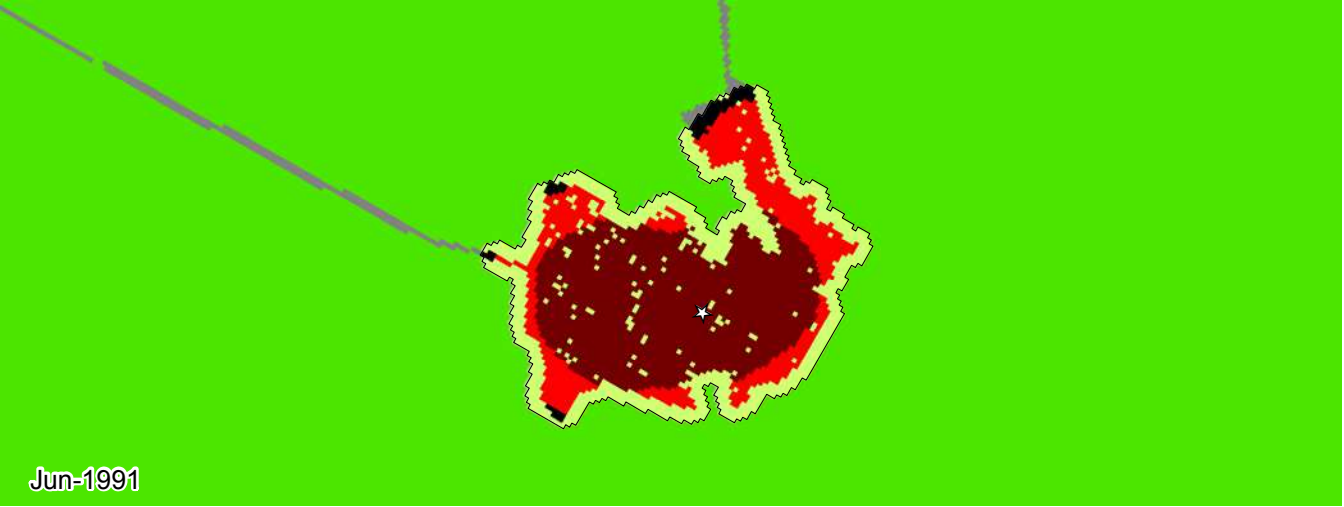
Quimbaya, Quindío  
1989-2014

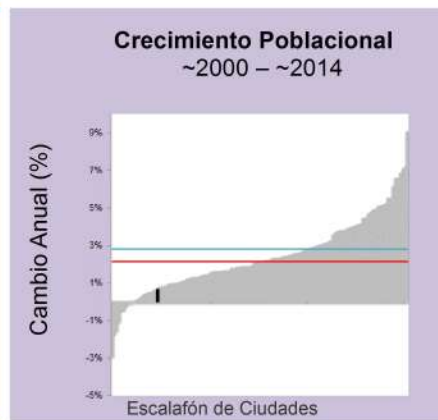
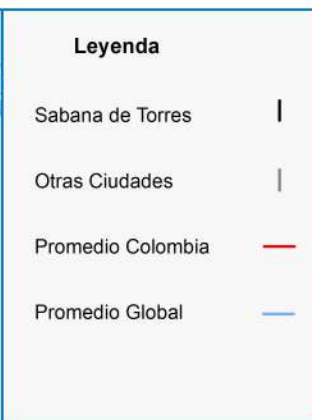




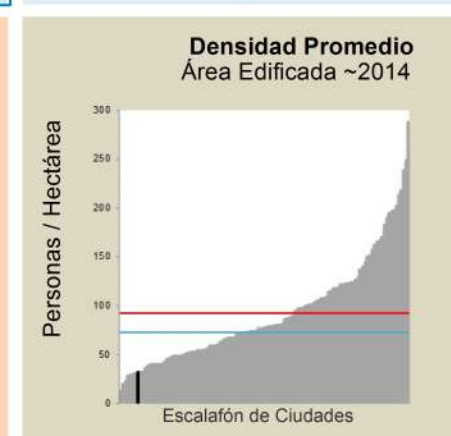
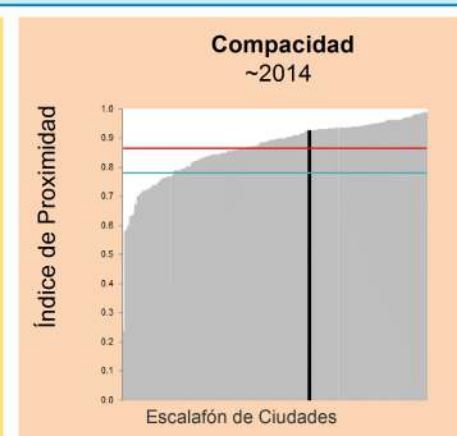
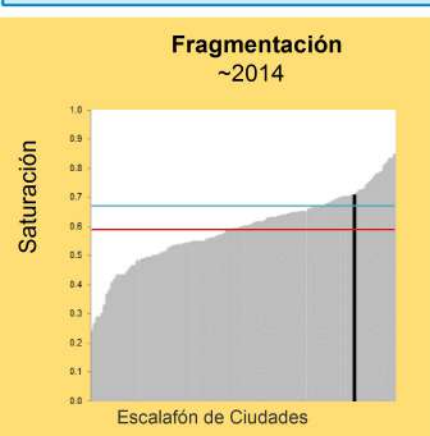
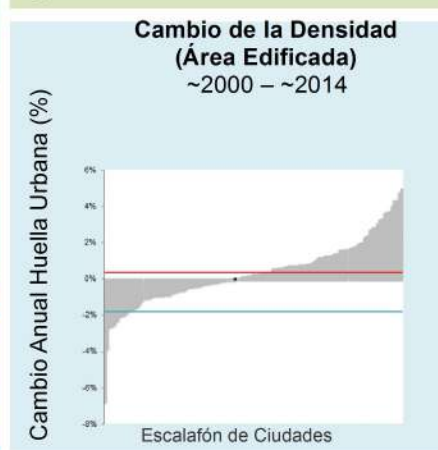
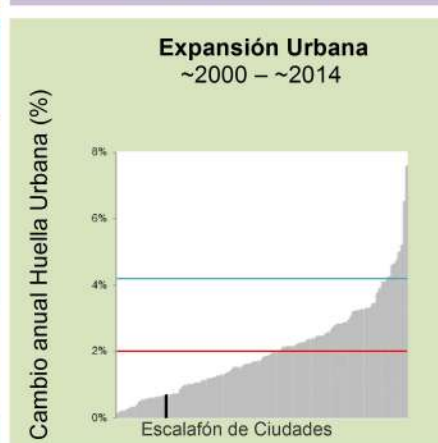
| Métrica                             | Ago 1989 | Jul 1997 | Jul 2014 | Cambio Anual % ('97-'14) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 19,739   | 24,438   | 28,644   | 0.9                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 74.3     | 98.0     | 134.6    | 1.9                      |
| Urbana                              | 20.5     | 47.6     | 74.3     | 2.6                      |
| Suburbana                           | 46.8     | 47.3     | 53.9     | 0.8                      |
| Rural                               | 7.0      | 3.1      | 6.3      | 4.2                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 60       | 73       | 100      | 1.8                      |
| Huella Urbana                       | 135      | 171      | 235      | 1.9                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 265.5    | 249.4    | 212.9    | -0.9                     |
| Densidad de la Huella Urbana        | 146.1    | 142.4    | 121.9    | -0.9                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.55     | 0.57     | 0.57     | 0.0                      |
| Índice de Apertura                  | 0.58     | 0.52     | 0.48     | -0.4                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.93     | 0.91     | 0.93     | 0.1                      |
| Cohesión                            | 0.92     | 0.91     | 0.93     | 0.1                      |
| Área Agregada (Hectáreas)           | '89-'97  | Porción  | '97-'14  | Porción                  |
| Relleno                             | 12.06    | 52.89%   | 11.25    | 30.83%                   |
| Extensión                           | 7.02     | 30.79%   | 20.16    | 55.25%                   |
| Crecimiento Discontinuo             | 0.72     | 3.16%    | 1.08     | 2.96%                    |
| Inclusión                           | 3.0      | 13.16%   | 4.0      | 10.96%                   |







| Métrica                             | Jun 1991 | Ene 2001 | Ene 2015 | Cambio Anual % ('01-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 11,137   | 11,846   | 12,999   | 0.7                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 236.1    | 258.9    | 288.4    | 0.8                      |
| Urbana                              | 158.0    | 176.2    | 202.1    | 1.0                      |
| Suburbana                           | 71.3     | 74.6     | 82.0     | 0.7                      |
| Rural                               | 6.8      | 8.1      | 4.3      | -4.5                     |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 100      | 111      | 118      | 0.5                      |
| Huella Urbana                       | 337      | 369      | 407      | 0.7                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 47.2     | 45.8     | 45.1     | -0.1                     |
| Densidad de la Huella Urbana        | 33.0     | 32.0     | 31.9     | -0.0                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.70     | 0.70     | 0.71     | 0.1                      |
| Índice de Apertura                  | 0.39     | 0.39     | 0.36     | -0.5                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.94     | 0.93     | 0.92     | -0.1                     |
| Cohesión                            | 0.93     | 0.93     | 0.92     | -0.1                     |
| Área Agregada (Hectáreas)           | '91-'01  | Porción  | '01-'15  | Porción                  |
| Relleno                             | 2.88     | 12.79%   | 11.61    | 40.41%                   |
| Extensión                           | 18.54    | 82.36%   | 15.03    | 52.31%                   |
| Crecimiento Discontinuo             | 0.09     | 0.4%     | 0.09     | 0.31%                    |
| Inclusión                           | 1.0      | 4.44%    | 2.0      | 6.96%                    |





Ene-1987



Jul-2001

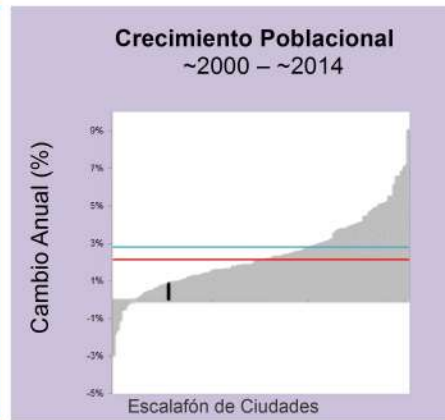


Jul-2014

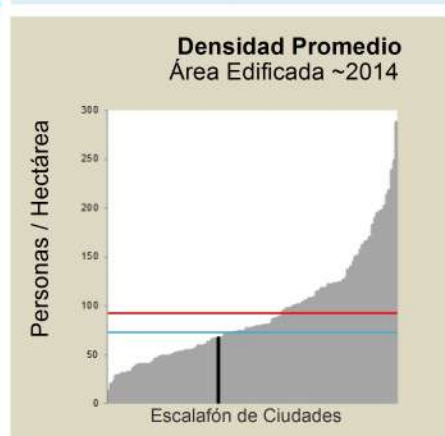
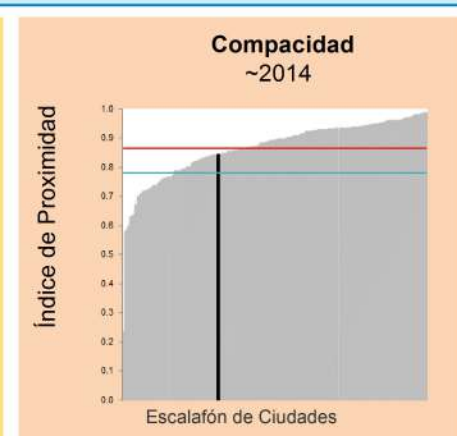
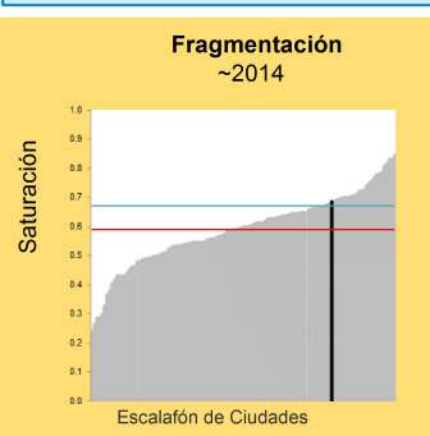
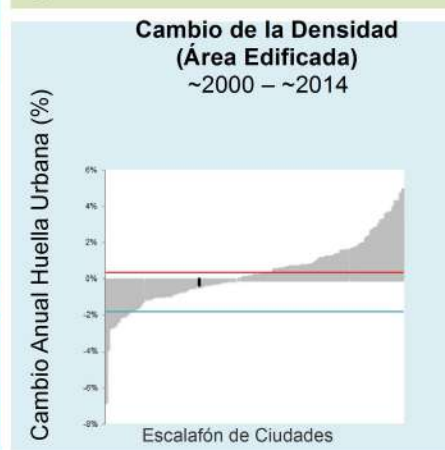
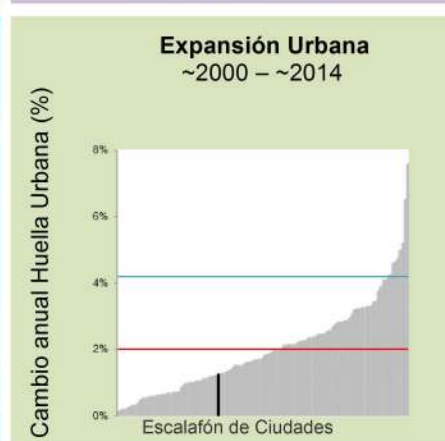
### Sahagún, Córdoba 1987-2014



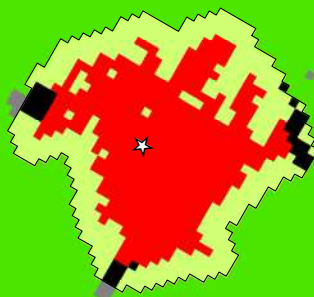
- |                            |                          |
|----------------------------|--------------------------|
| Zona de Estudio            | Espacio Abierto Rural    |
| Huella Urbana              | Área Edificada Exurbana  |
| Área Edificada Urbana      | Espacio Abierto Exurbana |
| Área Edificada Suburbana   | Agua                     |
| Área Edificada Rural       | Sin datos                |
| Espacio Abierto Urbanizado | Centro urbano            |



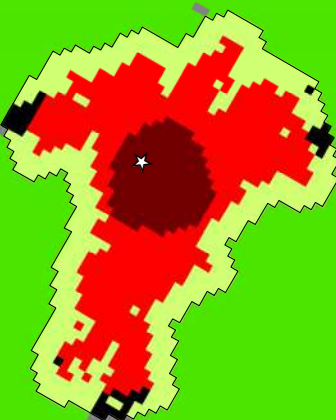
| Métrica                             | Ene 1987 | Jul 2001 | Jul 2014 | Cambio Anual % ('01-'14) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 29,691   | 40,120   | 44,997   | 0.9                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 289.9    | 372.5    | 456.0    | 1.6                      |
| Urbana                              | 209.6    | 253.3    | 322.8    | 1.9                      |
| Suburbana                           | 73.1     | 112.1    | 123.3    | 0.7                      |
| Rural                               | 7.2      | 7.0      | 9.9      | 2.6                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 148      | 192      | 208      | 0.6                      |
| Huella Urbana                       | 438      | 565      | 664      | 1.2                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 102.4    | 107.7    | 98.7     | -0.7                     |
| Densidad de la Huella Urbana        | 67.8     | 71.0     | 67.7     | -0.4                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.66     | 0.66     | 0.69     | 0.3                      |
| Índice de Apertura                  | 0.37     | 0.37     | 0.34     | -0.7                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.88     | 0.83     | 0.84     | 0.1                      |
| Cohesión                            | 0.88     | 0.82     | 0.84     | 0.2                      |
| Área Agregada (Hectáreas)           | '87-'01  | Porción  | '01-'14  | Porción                  |
| Relleno                             | 15.84    | 19.4%    | 29.25    | 35.37%                   |
| Extensión                           | 51.21    | 62.7%    | 45.63    | 55.18%                   |
| Crecimiento Discontinuo             | 1.62     | 1.98%    | 0.81     | 0.98%                    |
| Inclusión                           | 13.0     | 15.92%   | 7.0      | 8.47%                    |



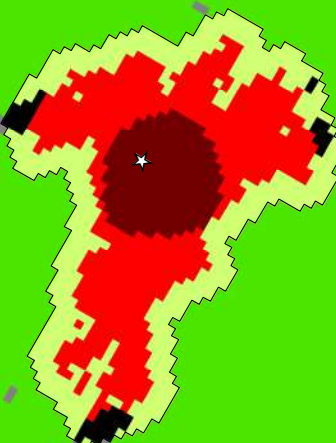
Ene-1987



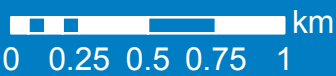
Ago-2000













Ene-2015



### Salamina, Caldas 1987-2015



- |  |   |
|--|---|
|  Zona de Estudio            |  Espacio Abierto Rural    |
|  Huella Urbana              |  Área Edificada Exurbana  |
|  Área Edificada Urbana      |  Espacio Abierto Exurbana |
|  Área Edificada Suburbana   |  Agua                     |
|  Área Edificada Rural       |  Sin datos                |
|  Espacio Abierto Urbanizado |  Centro urbano             |

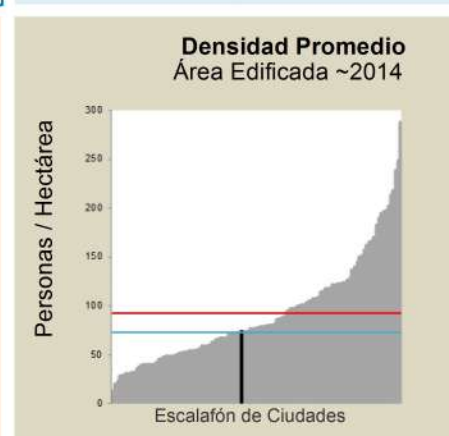
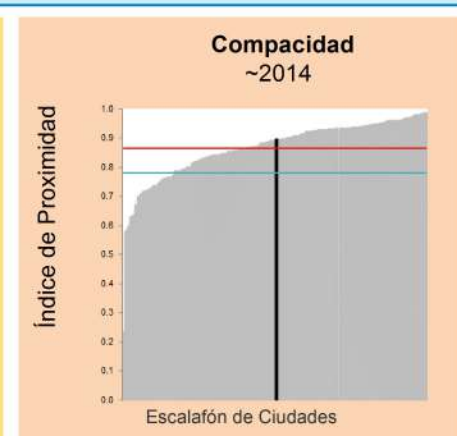
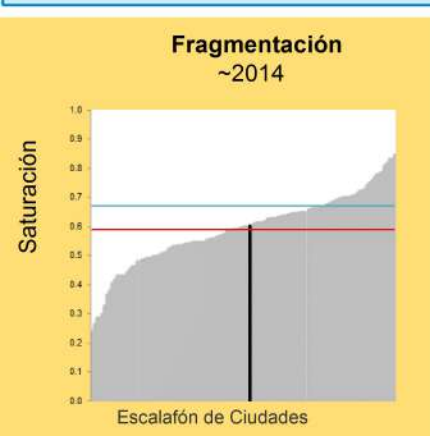
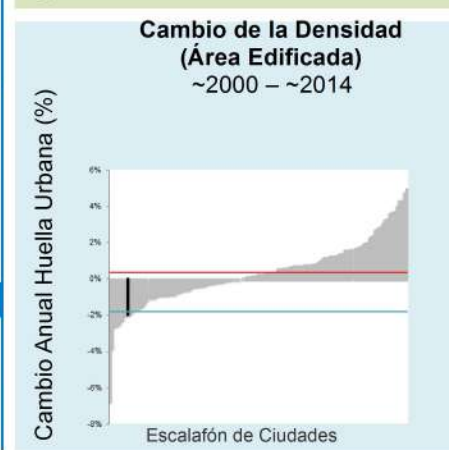
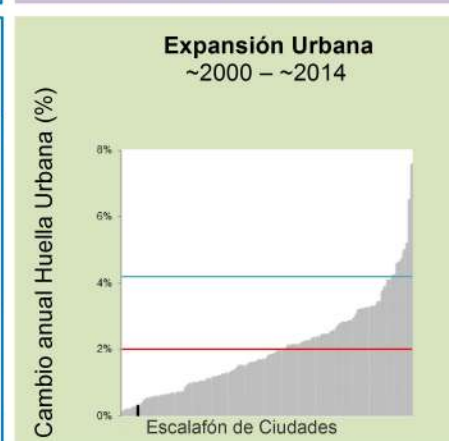


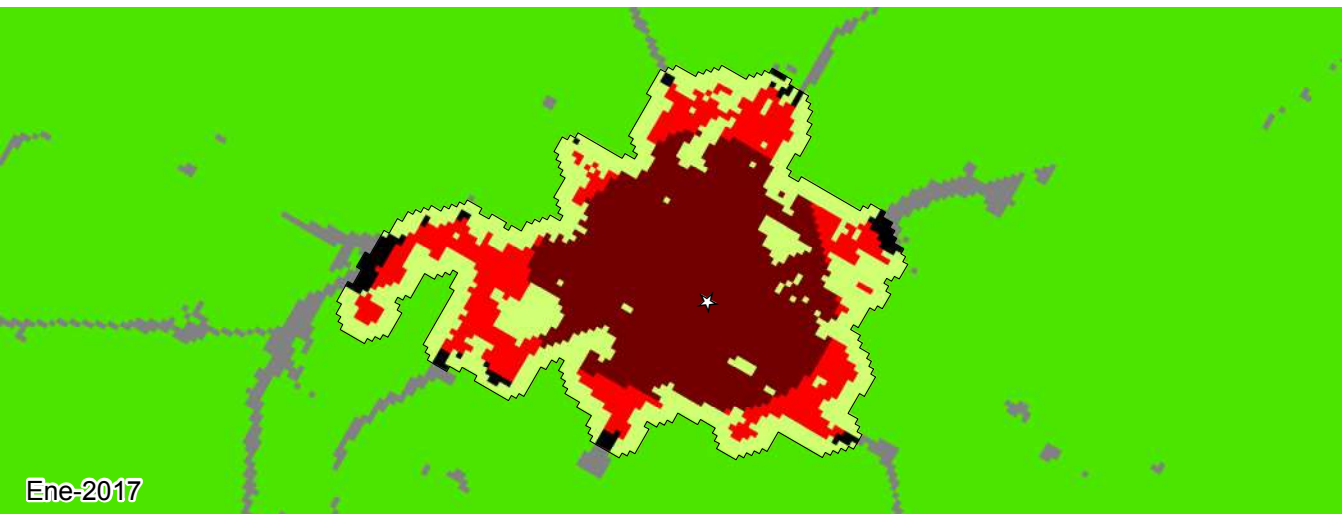
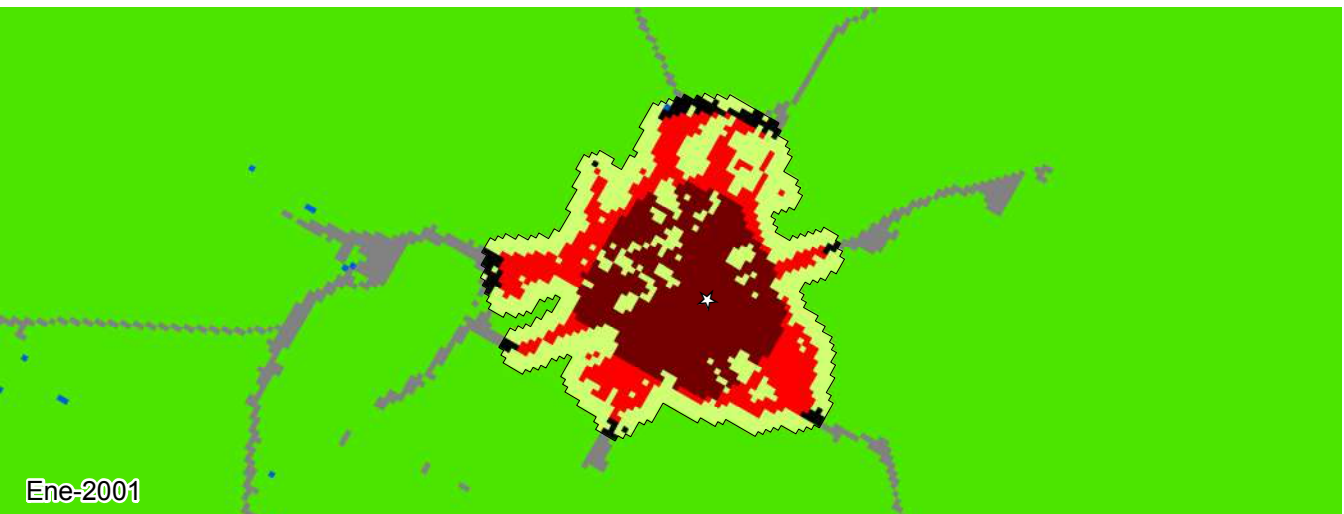
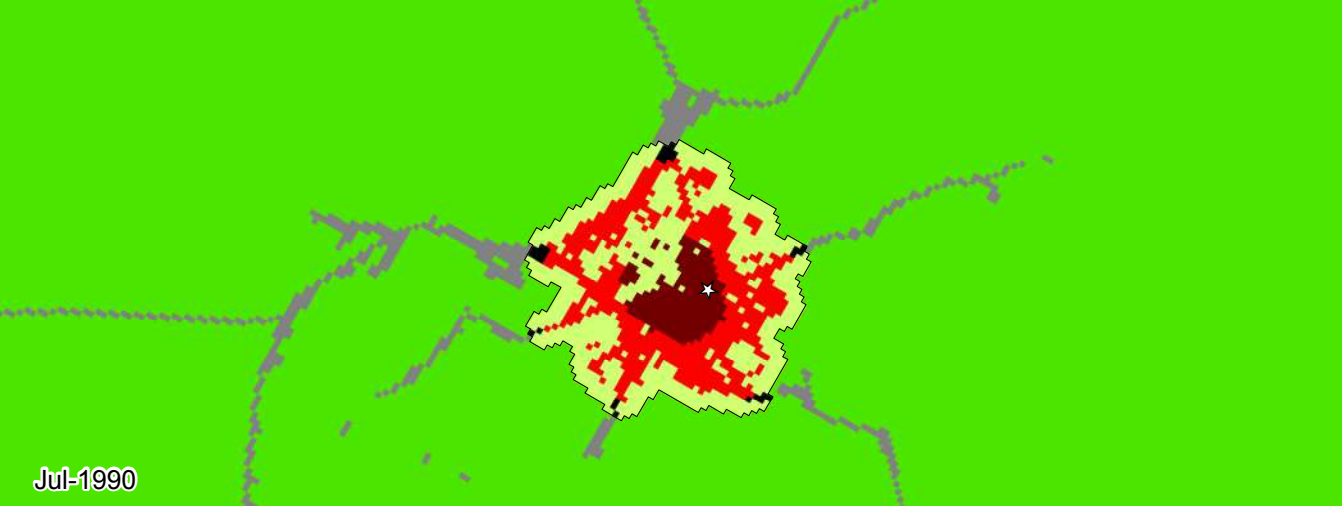
**Legenda**

- Salamina |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



| Métrica                             | Ene 1987 | Ago 2000 | Ene 2015 | Cambio Anual % ('00-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 11,498   | 10,597   | 8,320    | -1.7                     |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 42.5     | 64.2     | 68.0     | 0.4                      |
| Urbana                              | 0.0      | 12.4     | 16.3     | 1.9                      |
| Suburbana                           | 39.3     | 48.4     | 48.1     | -0.1                     |
| Rural                               | 3.1      | 3.3      | 3.7      | 0.7                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 33       | 43       | 44       | 0.2                      |
| Huella Urbana                       | 75       | 107      | 112      | 0.3                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 270.7    | 165.1    | 122.3    | -2.1                     |
| Densidad de la Huella Urbana        | 152.3    | 98.5     | 73.8     | -2.0                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.56     | 0.60     | 0.60     | 0.1                      |
| Índice de Apertura                  | 0.64     | 0.59     | 0.59     | -0.1                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.98     | 0.91     | 0.90     | -0.1                     |
| Cohesión                            | 0.97     | 0.90     | 0.88     | -0.1                     |
| Área Agregada (Hectáreas)           | '87-'00  | Porción  | '00-'15  | Porción                  |
| Relleno                             | 4.59     | 22.16%   | 1.53     | 44.61%                   |
| Extensión                           | 14.76    | 71.27%   | 0.9      | 26.24%                   |
| Crecimiento Discontinuo             | 0.36     | 1.74%    | 0.0      | 0.0%                     |
| Inclusión                           | 1.0      | 4.83%    | 1.0      | 29.15%                   |















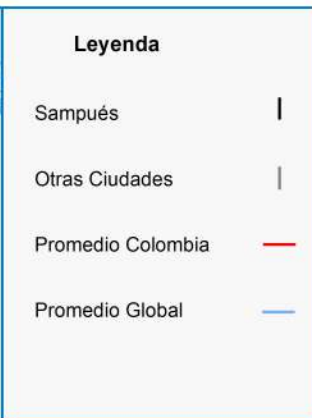


Sampedo, Sucre  
1990-2017

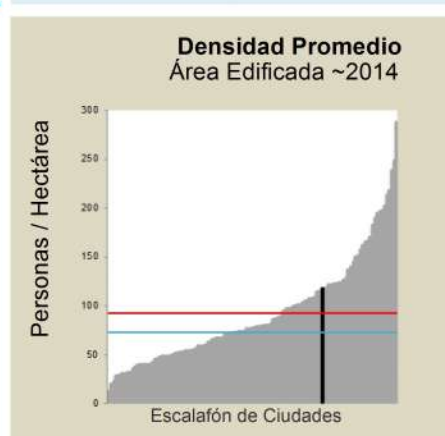
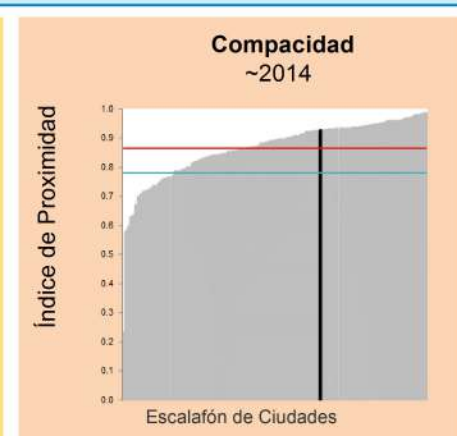
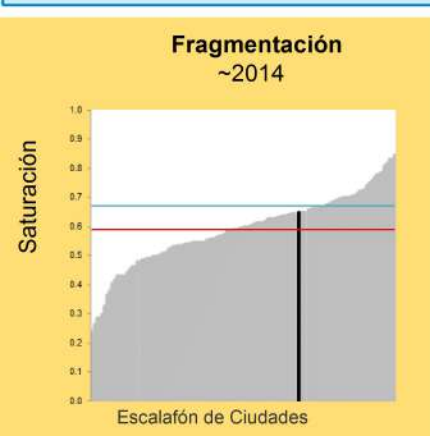
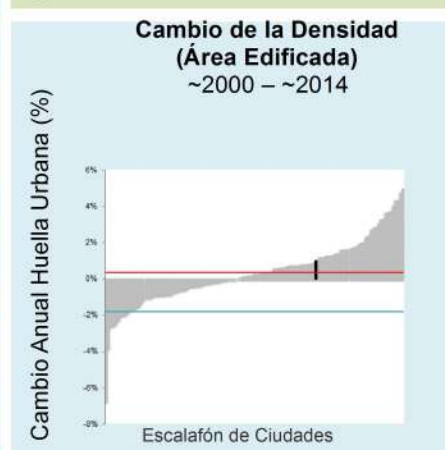
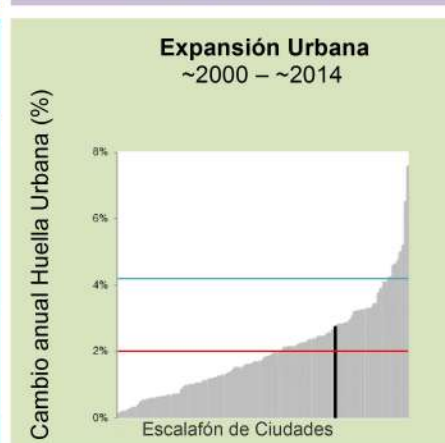
0 0.5 1 1.5 2 km



- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |  | Centro urbano            |



| Métrica                             | Jul 1990 | Ene 2001 | Ene 2017 | Cambio Anual % ('01-'17) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 13,690   | 23,318   | 42,353   | 3.7                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 75.0     | 135.5    | 232.3    | 3.4                      |
| Urbana                              | 17.9     | 73.5     | 153.6    | 4.6                      |
| Suburbana                           | 54.3     | 54.0     | 68.3     | 1.5                      |
| Rural                               | 2.8      | 8.0      | 10.3     | 1.6                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 78       | 95       | 125      | 1.7                      |
| Huella Urbana                       | 153      | 230      | 358      | 2.7                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 182.6    | 172.0    | 182.3    | 0.4                      |
| Densidad de la Huella Urbana        | 89.1     | 101.0    | 118.3    | 1.0                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.49     | 0.59     | 0.65     | 0.6                      |
| Índice de Apertura                  | 0.57     | 0.48     | 0.39     | -1.3                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.99     | 0.97     | 0.93     | -0.3                     |
| Cohesión                            | 0.99     | 0.96     | 0.92     | -0.3                     |
| Área Agregada (Hectáreas)           | '90-'01  | Porción  | '01-'17  | Porción                  |
| Relleno                             | 18.63    | 30.78%   | 26.91    | 27.87%                   |
| Extensión                           | 26.1     | 43.12%   | 45.72    | 47.35%                   |
| Crecimiento Discontinuo             | 1.8      | 2.97%    | 6.93     | 7.18%                    |
| Inclusión                           | 14.0     | 23.13%   | 17.0     | 17.61%                   |



Ago-1989

Feb-2001

Sep-2013

### San Antonio, Tolima 1989-2013



- |                            |                          |
|----------------------------|--------------------------|
| Zona de Estudio            | Espacio Abierto Rural    |
| Huella Urbana              | Área Edificada Exurbana  |
| Área Edificada Urbana      | Espacio Abierto Exurbana |
| Área Edificada Suburbana   | Agua                     |
| Área Edificada Rural       | Sin datos                |
| Espacio Abierto Urbanizado | Centro urbano            |

# San Antonio, Tolima (Colombia)

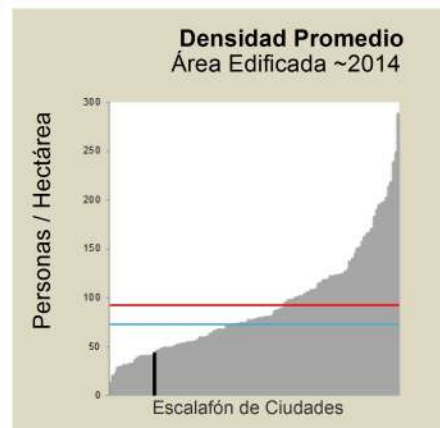
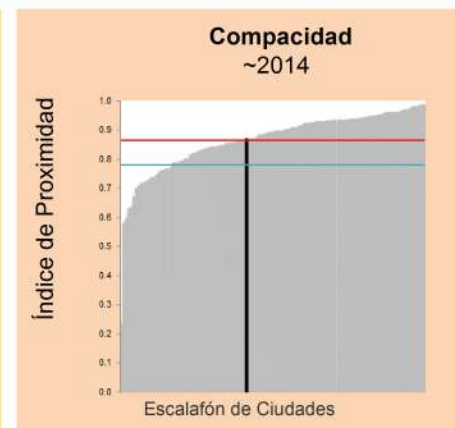
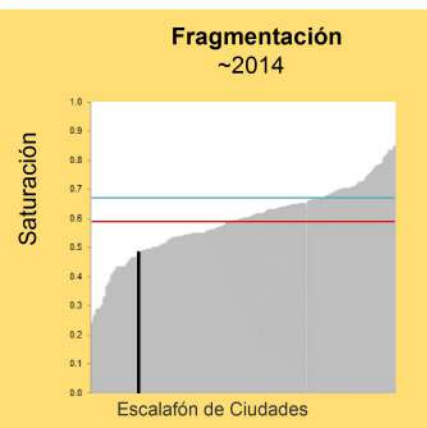
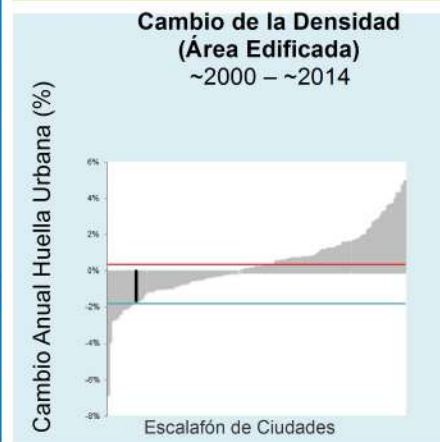
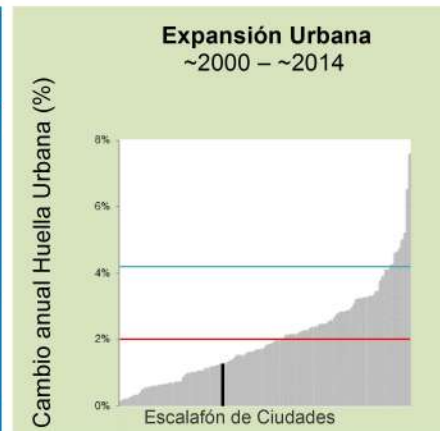


**Legenda**

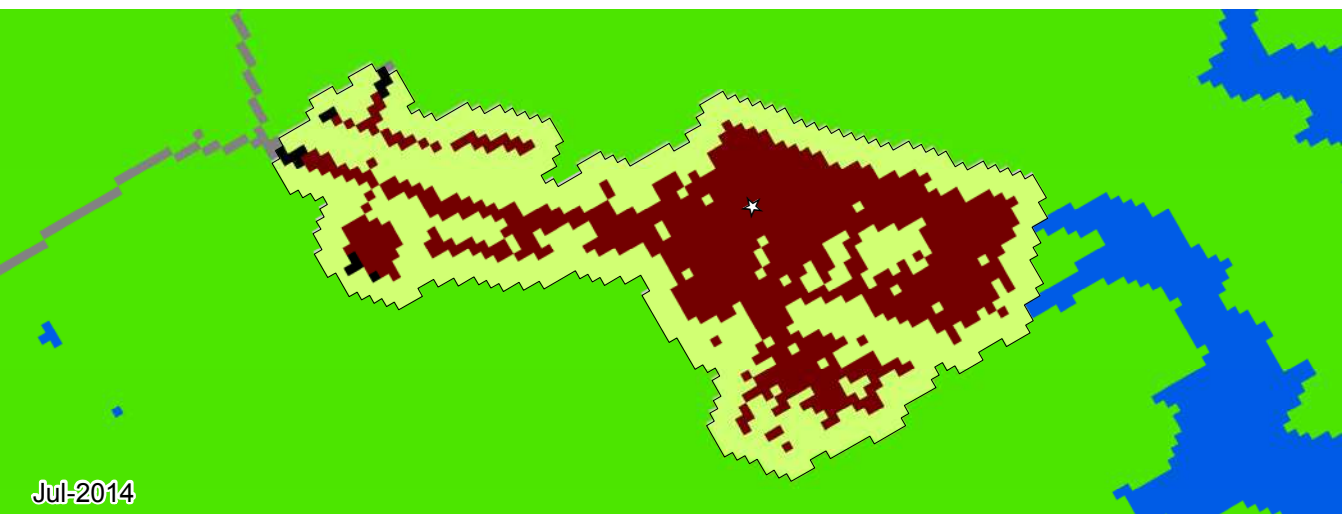
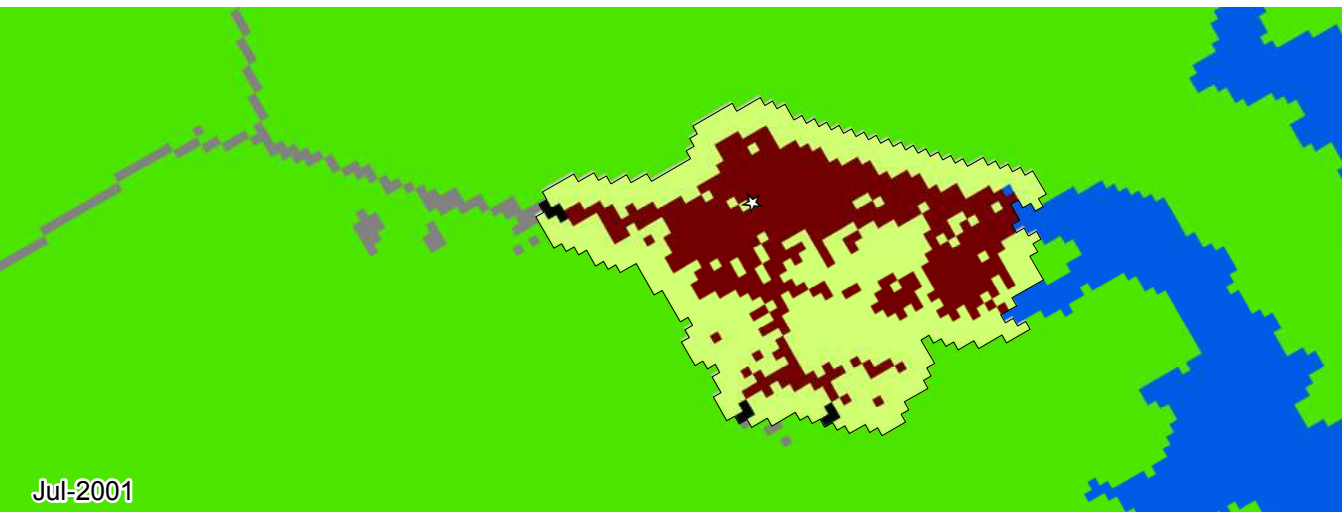
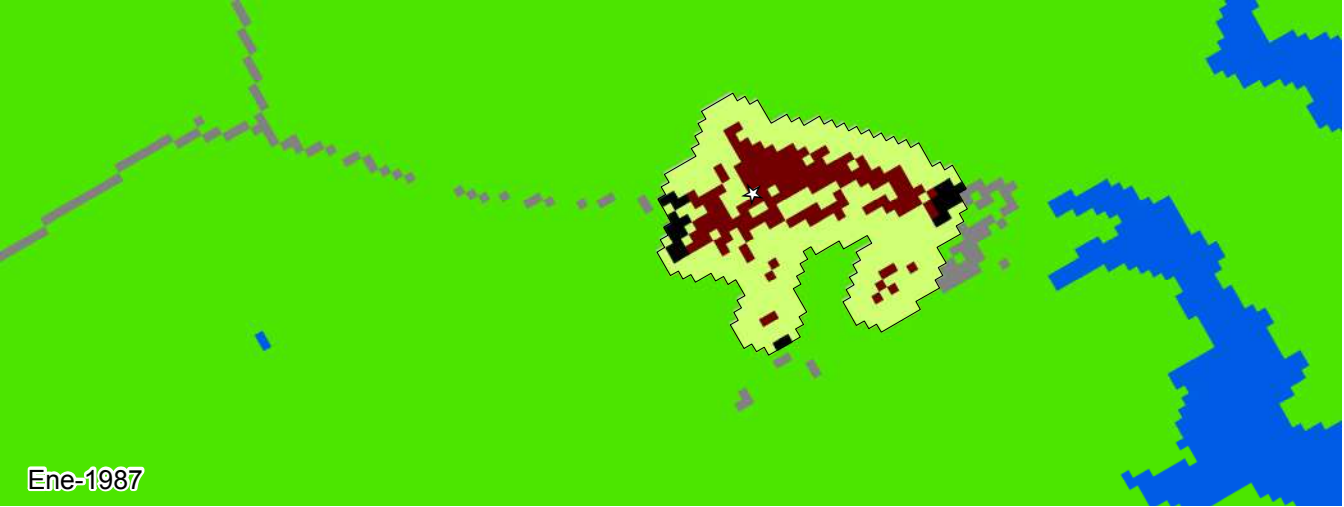
- San Antonio |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



| Métrica                             | Ago 1989 | Feb 2001 | Sep 2013 | Cambio Anual % ('01-'13) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 5,096    | 4,616    | 4,374    | -0.4                     |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 23.9     | 37.2     | 49.3     | 2.2                      |
| Urbana                              | 23.0     | 37.0     | 48.8     | 2.2                      |
| Suburbana                           | 0.0      | 0.0      | 0.0      | 0.0                      |
| Rural                               | 0.9      | 0.2      | 0.5      | 8.7                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 40       | 50       | 52       | 0.4                      |
| Huella Urbana                       | 64       | 87       | 102      | 1.3                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 212.9    | 124.2    | 88.7     | -2.7                     |
| Densidad de la Huella Urbana        | 79.1     | 52.9     | 42.9     | -1.7                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.37     | 0.43     | 0.48     | 1.0                      |
| Índice de Apertura                  | 0.79     | 0.72     | 0.66     | -0.7                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.94     | 0.87     | 0.87     | -0.0                     |
| Cohesión                            | 0.92     | 0.86     | 0.86     | -0.0                     |
| Área Agregada (Hectáreas)           | '89-'01  | Porción  | '01-'13  | Porción                  |
| Relleno                             | 6.12     | 47.22%   | 8.01     | 66.92%                   |
| Extensión                           | 6.3      | 48.61%   | 3.78     | 31.58%                   |
| Crecimiento Discontinuo             | 0.54     | 4.17%    | 0.18     | 1.5%                     |
| Inclusión                           | 0.0      | 0.0%     | 0.0      | 0.0%                     |















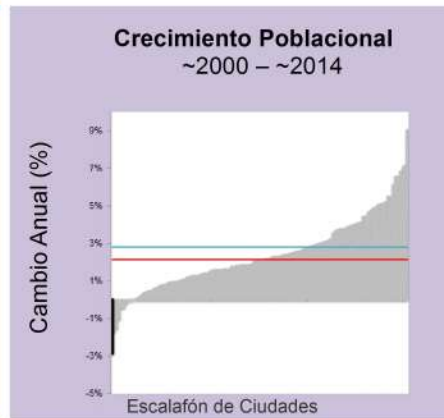
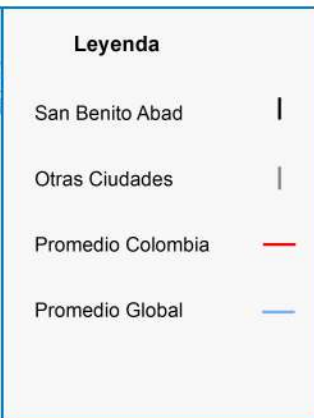




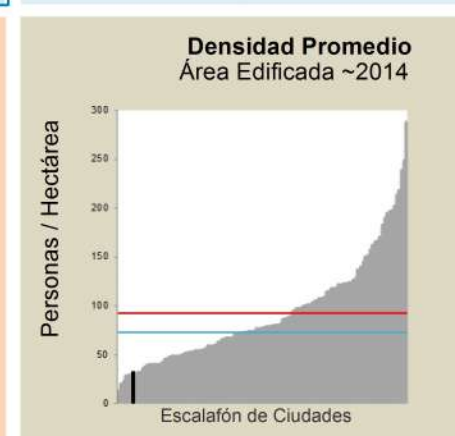
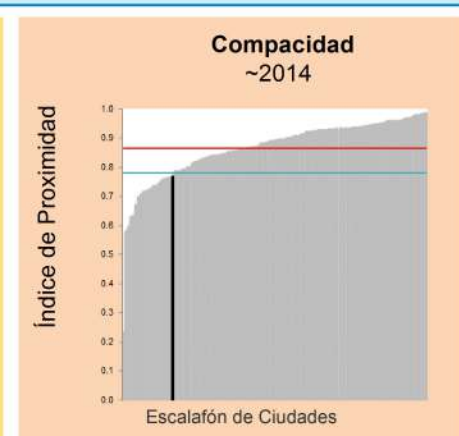
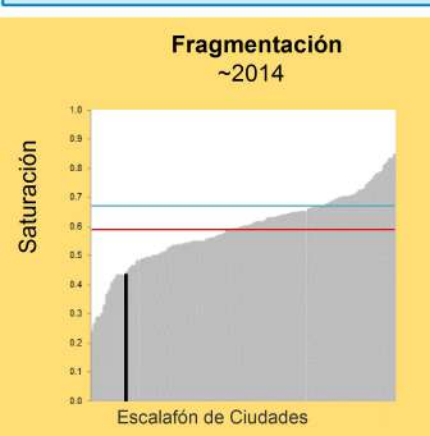
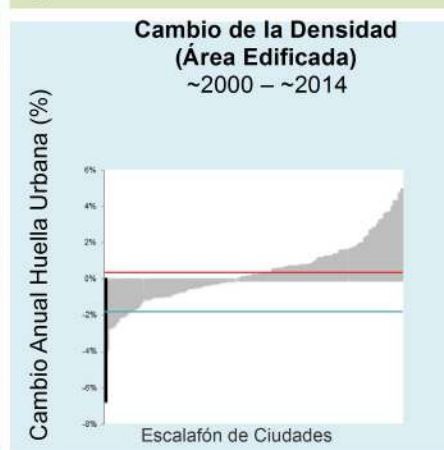
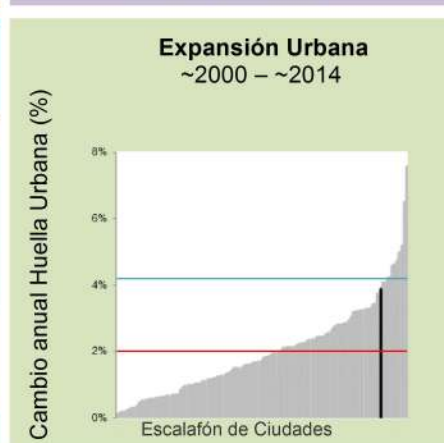
San Benito Abad, Sucre  
1987-2014

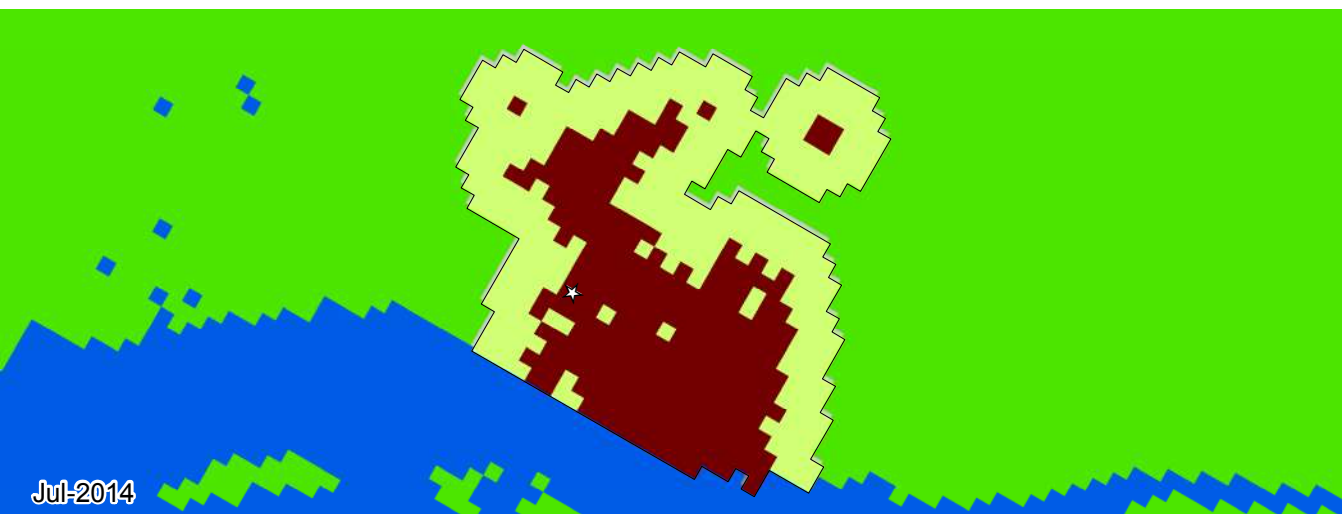
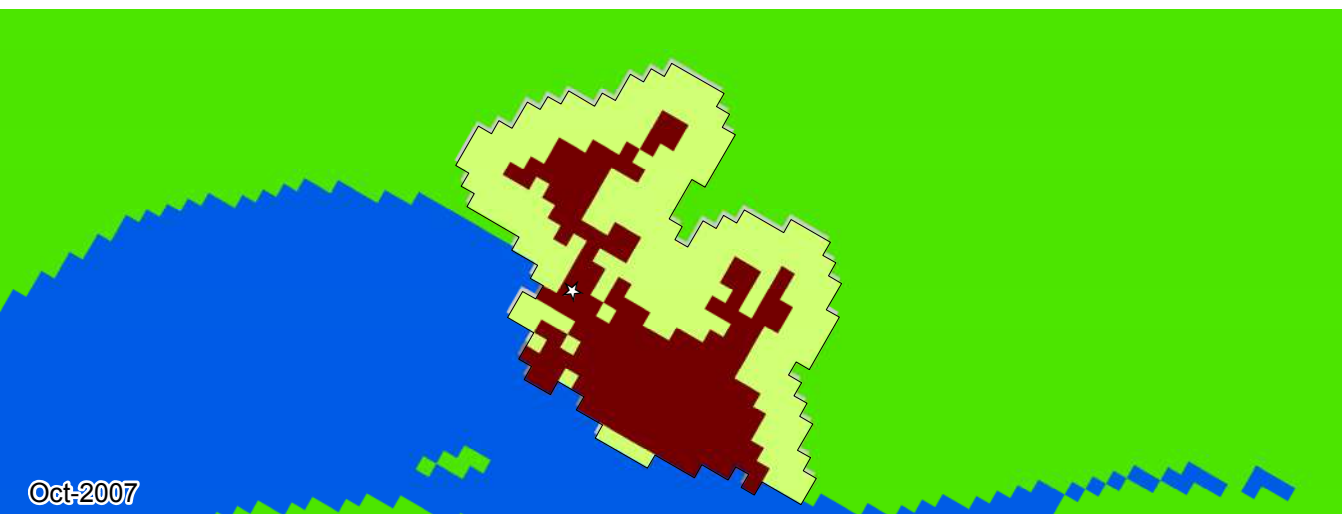
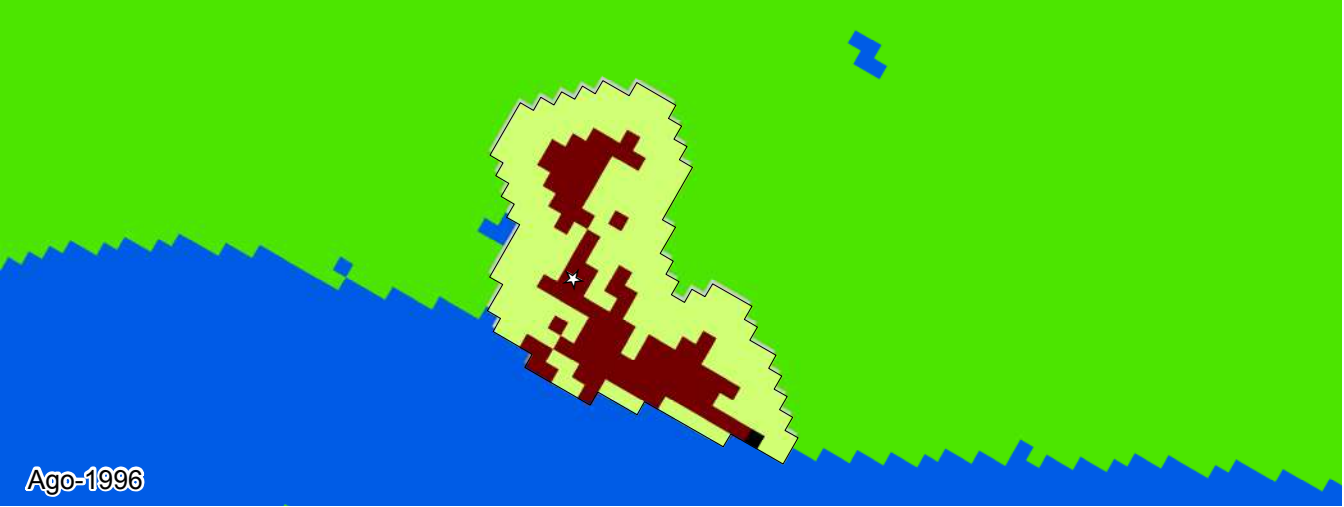


- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |  | Centro urbano            |



| Métrica                             | Ene 1987 | Jul 2001 | Jul 2014 | Cambio Anual % ('01-'14) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 9,501    | 8,027    | 5,529    | -2.9                     |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 16.1     | 41.8     | 76.1     | 4.6                      |
| Urbana                              | 13.7     | 40.9     | 74.4     | 4.6                      |
| Suburbana                           | 0.0      | 0.0      | 0.0      | 0.0                      |
| Rural                               | 2.4      | 0.9      | 1.7      | 4.9                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 37       | 63       | 99       | 3.4                      |
| Huella Urbana                       | 53       | 105      | 175      | 3.9                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 589.8    | 192.2    | 72.6     | -7.5                     |
| Densidad de la Huella Urbana        | 178.6    | 75.9     | 31.5     | -6.8                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.30     | 0.39     | 0.43     | 0.7                      |
| Índice de Apertura                  | 0.85     | 0.73     | 0.66     | -0.8                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.92     | 0.95     | 0.77     | -1.6                     |
| Cohesión                            | 0.90     | 0.93     | 0.77     | -1.5                     |
| Área Agregada (Hectáreas)           | '87-'01  | Porción  | '01-'14  | Porción                  |
| Relleno                             | 5.58     | 0.03%    | 13.68    | 0.1%                     |
| Extensión                           | 9.9      | 0.05%    | 6.93     | 0.05%                    |
| Crecimiento Discontinuo             | 5.49     | 0.03%    | 8.64     | 0.06%                    |
| Inclusión                           | 4.0      | 0.02%    | 5.0      | 0.04%                    |

















San Jacinto del Cauca, Bolivar  
1996-2014

0 0.2 0.4 0.6 km



- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |  | Centro urbano            |

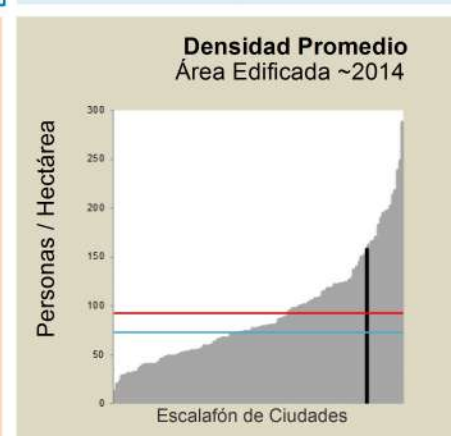
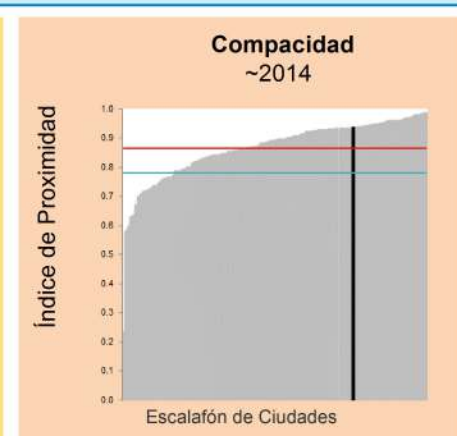
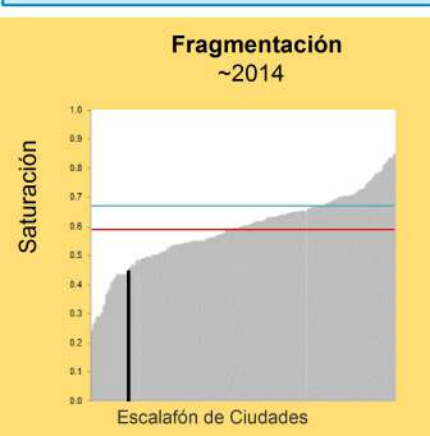
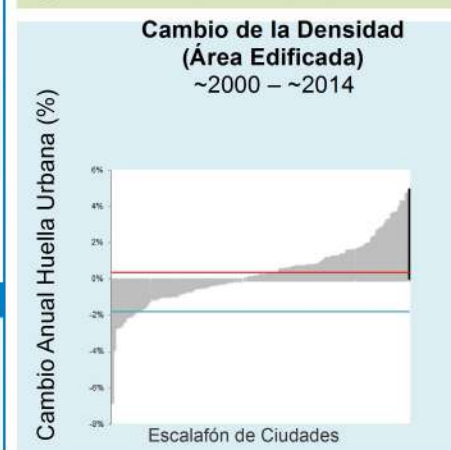
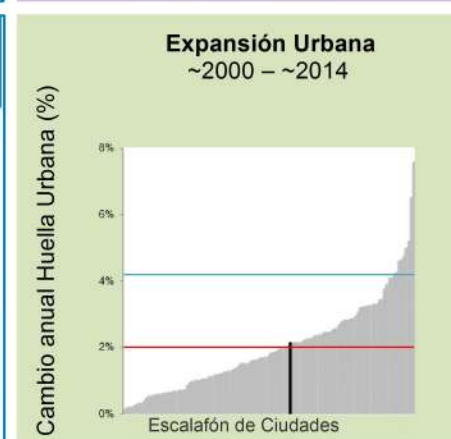


**Legenda**

- San Jacinto del Cauca |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



| Métrica                             | Ene 1987 | Jul 2001 | Jul 2014 | Cambio Anual % ('01-'14) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 1,109    | 3,193    | 8,003    | 7.1                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 8.1      | 15.8     | 22.6     | 2.7                      |
| Urbana                              | 8.0      | 15.8     | 22.6     | 2.7                      |
| Suburbana                           | 0.0      | 0.0      | 0.0      | 0.0                      |
| Rural                               | 0.1      | 0.0      | 0.0      | 0.0                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 17       | 22       | 28       | 1.7                      |
| Huella Urbana                       | 25       | 38       | 50       | 2.1                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 137.0    | 201.6    | 354.3    | 4.3                      |
| Densidad de la Huella Urbana        | 43.4     | 83.1     | 158.0    | 4.9                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.32     | 0.41     | 0.45     | 0.6                      |
| Índice de Apertura                  | 0.92     | 0.85     | 0.79     | -0.6                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.89     | 0.96     | 0.94     | -0.2                     |
| Cohesión                            | 0.86     | 0.94     | 0.91     | -0.2                     |
| Área Agregada (Hectáreas)           | '87-'01  | Porción  | '01-'14  | Porción                  |
| Relleno                             | 2.61     | 29.86%   | 3.42     | 50.67%                   |
| Extensión                           | 5.13     | 58.7%    | 2.97     | 44.0%                    |
| Crecimiento Discontinuo             | 0.0      | 0.0%     | 0.36     | 5.33%                    |
| Inclusión                           | 1.0      | 11.44%   | 0.0      | 0.0%                     |



Mar-1991

Ene-2001

Ene-2015

# San Juan de Urabá, Bolívar 1991-2015



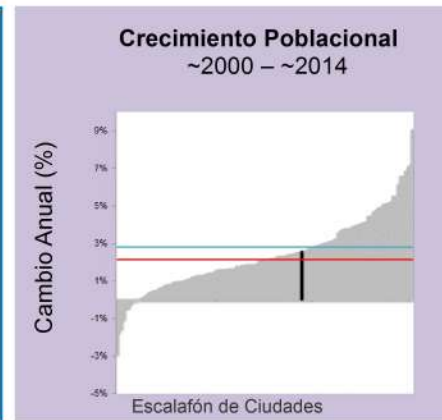
- |                            |                          |
|----------------------------|--------------------------|
| Zona de Estudio            | Espacio Abierto Rural    |
| Huella Urbana              | Área Edificada Exurbana  |
| Área Edificada Urbana      | Espacio Abierto Exurbana |
| Área Edificada Suburbana   | Agua                     |
| Área Edificada Rural       | Sin datos                |
| Espacio Abierto Urbanizado | Centro urbano            |

# San Juan de Urabá, Sucre (Colombia)

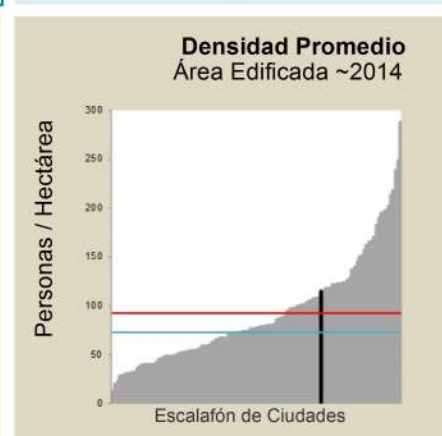
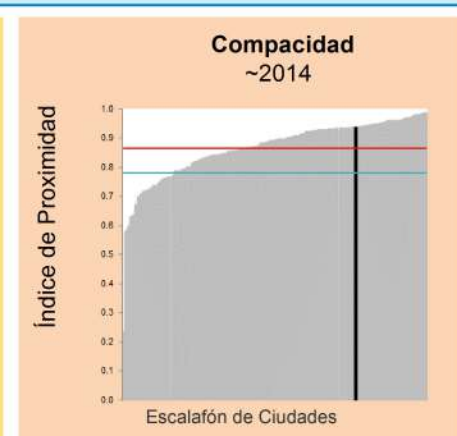
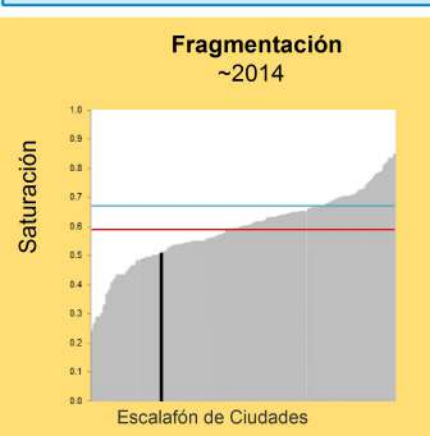
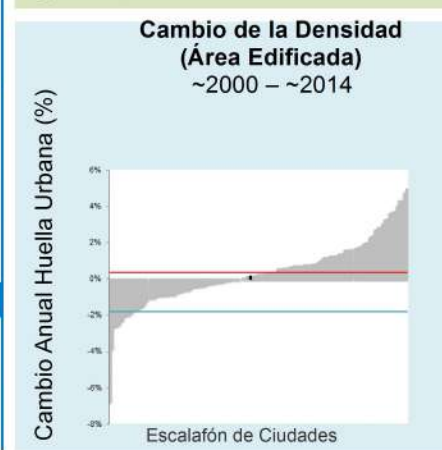
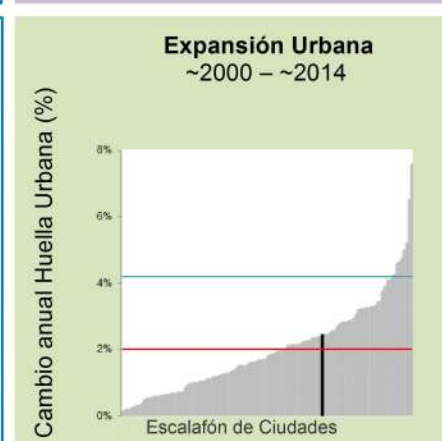


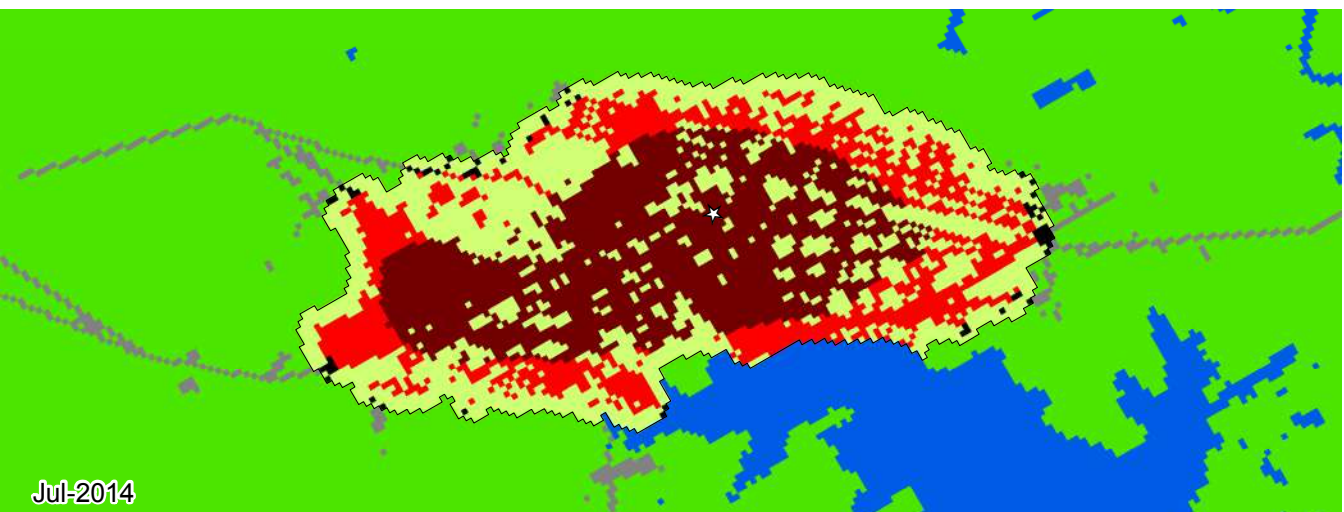
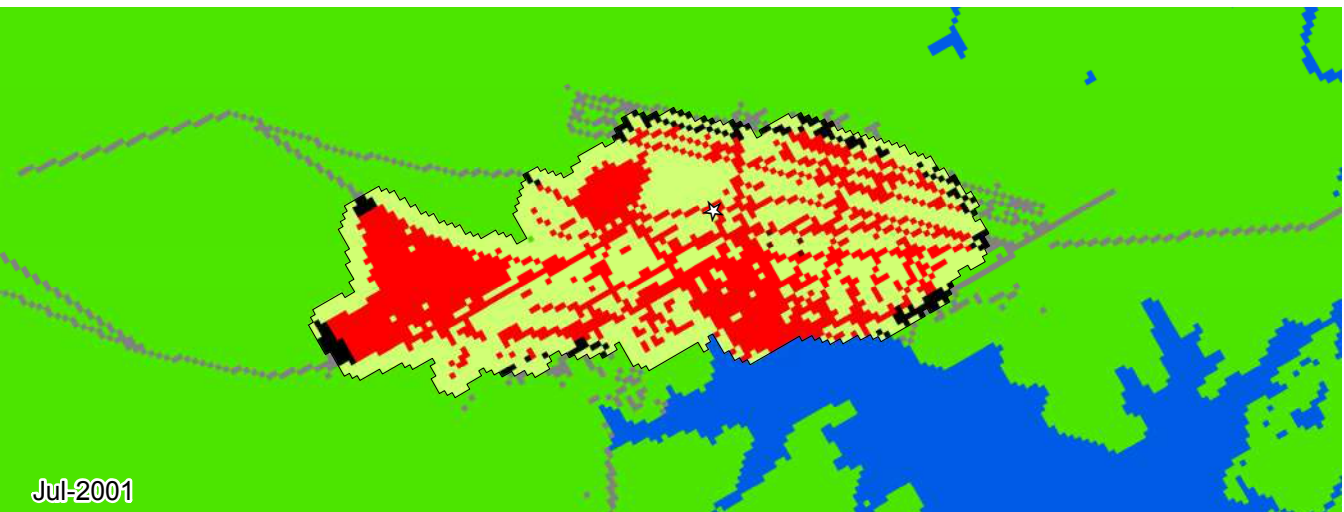
**Legenda**

- San Juan de Urabá |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



| Métrica                             | Mar 1991 | Ene 2001 | Ene 2015 | Cambio Anual % ('01-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 3,355    | 7,109    | 10,166   | 2.6                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 18.5     | 35.1     | 44.9     | 1.8                      |
| Urbana                              | 0.0      | 0.0      | 0.0      | 0.0                      |
| Suburbana                           | 13.0     | 30.2     | 40.7     | 2.1                      |
| Rural                               | 5.6      | 4.9      | 4.2      | -1.0                     |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 15       | 27       | 43       | 3.2                      |
| Huella Urbana                       | 34       | 62       | 88       | 2.4                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 181.0    | 202.5    | 226.4    | 0.8                      |
| Densidad de la Huella Urbana        | 97.3     | 113.0    | 114.8    | 0.1                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.54     | 0.56     | 0.51     | -0.7                     |
| Índice de Apertura                  | 0.73     | 0.70     | 0.66     | -0.4                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.95     | 0.91     | 0.94     | 0.2                      |
| Cohesión                            | 0.92     | 0.89     | 0.92     | 0.3                      |
| Área Agregada (Hectáreas)           | '91-'01  | Porción  | '01-'15  | Porción                  |
| Relleno                             | 1.17     | 7.1%     | 0.99     | 10.25%                   |
| Extensión                           | 3.15     | 19.11%   | 5.4      | 55.9%                    |
| Crecimiento Discontinuo             | 2.16     | 13.11%   | 0.27     | 2.8%                     |
| Inclusión                           | 10.0     | 60.68%   | 3.0      | 31.06%                   |





San Marcos, Sucre  
1987-2014

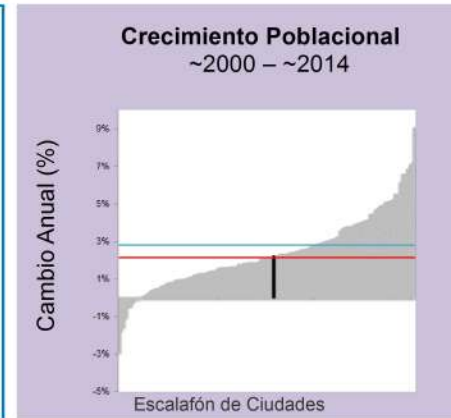


- |                            |                          |
|----------------------------|--------------------------|
| Zona de Estudio            | Espacio Abierto Rural    |
| Huella Urbana              | Área Edificada Exurbana  |
| Área Edificada Urbana      | Espacio Abierto Exurbana |
| Área Edificada Suburbana   | Agua                     |
| Área Edificada Rural       | Sin datos                |
| Espacio Abierto Urbanizado | Centro urbano            |

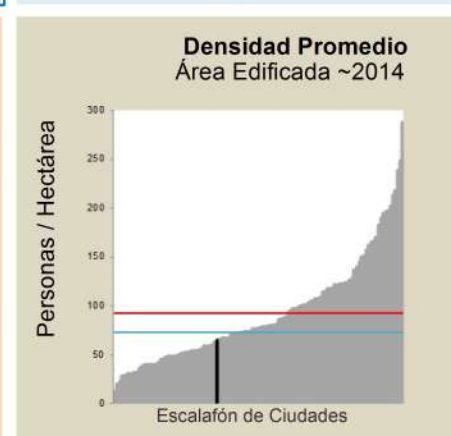
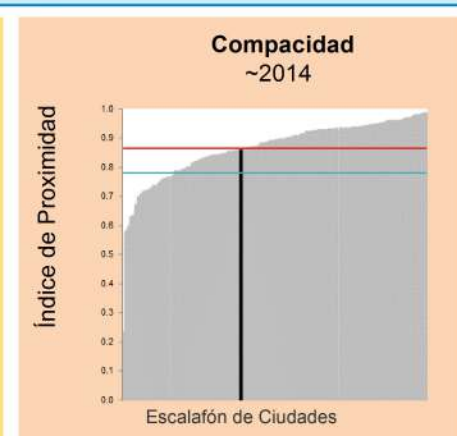
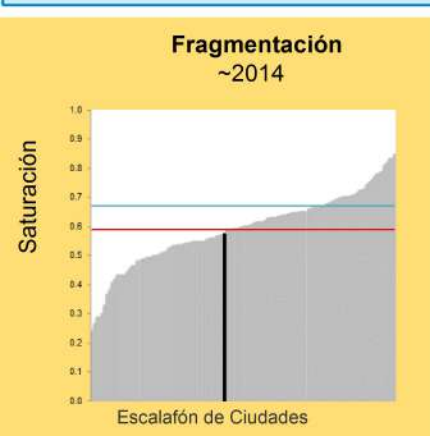
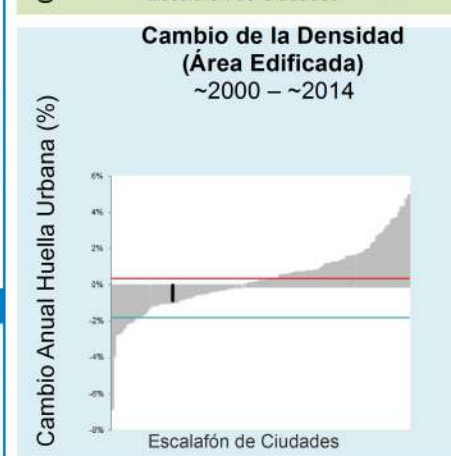
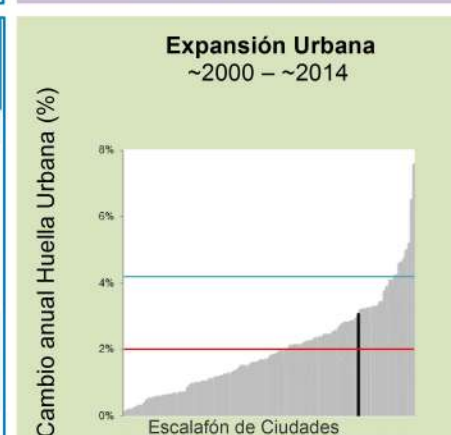


**Legenda**

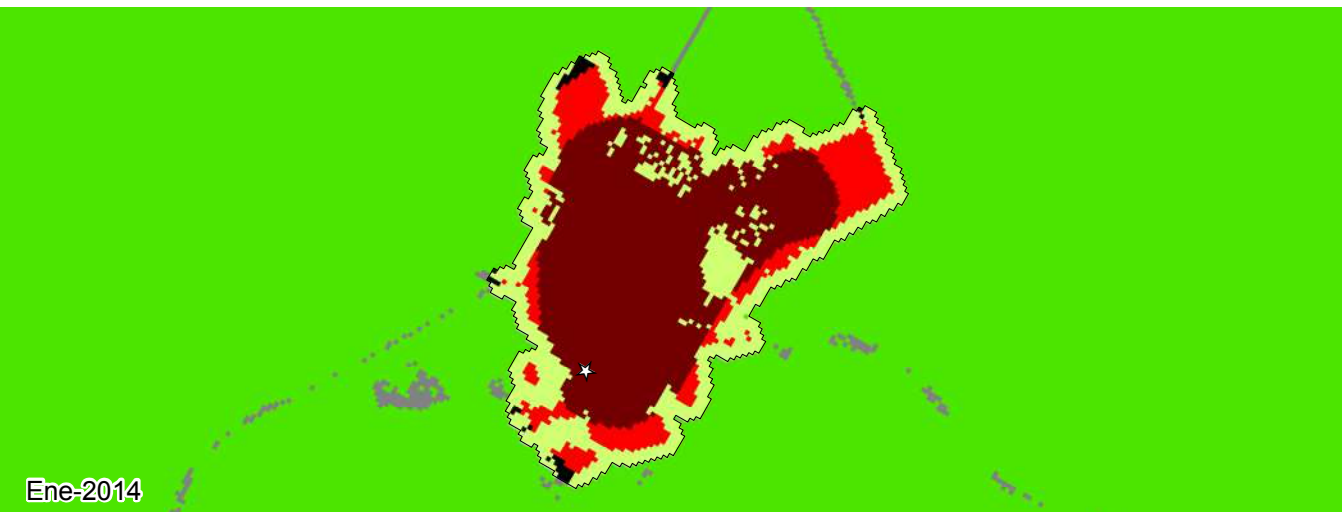
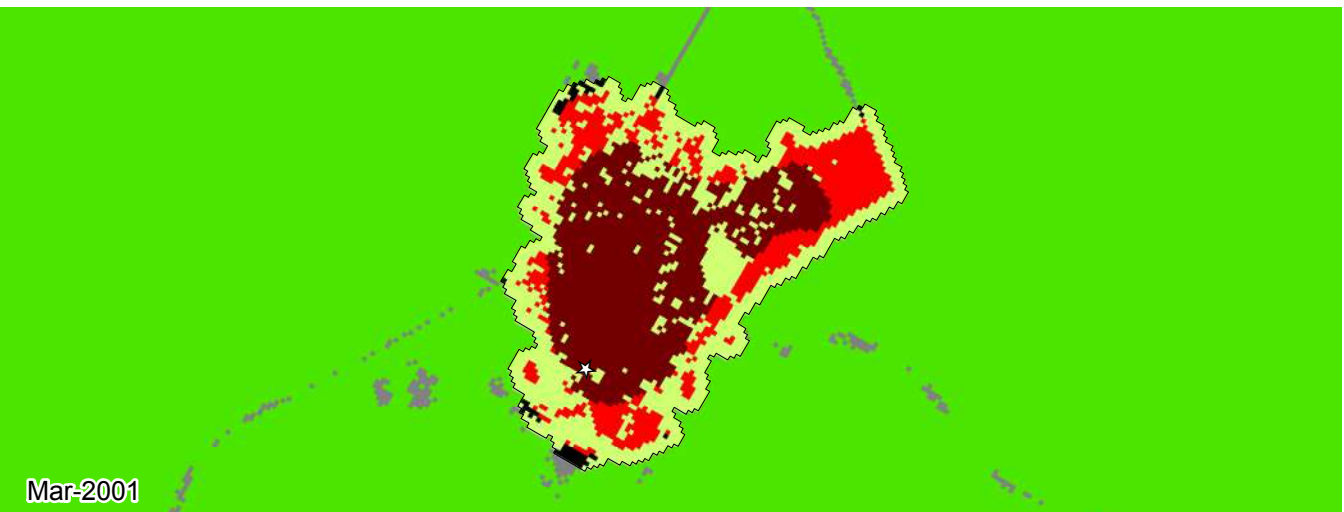
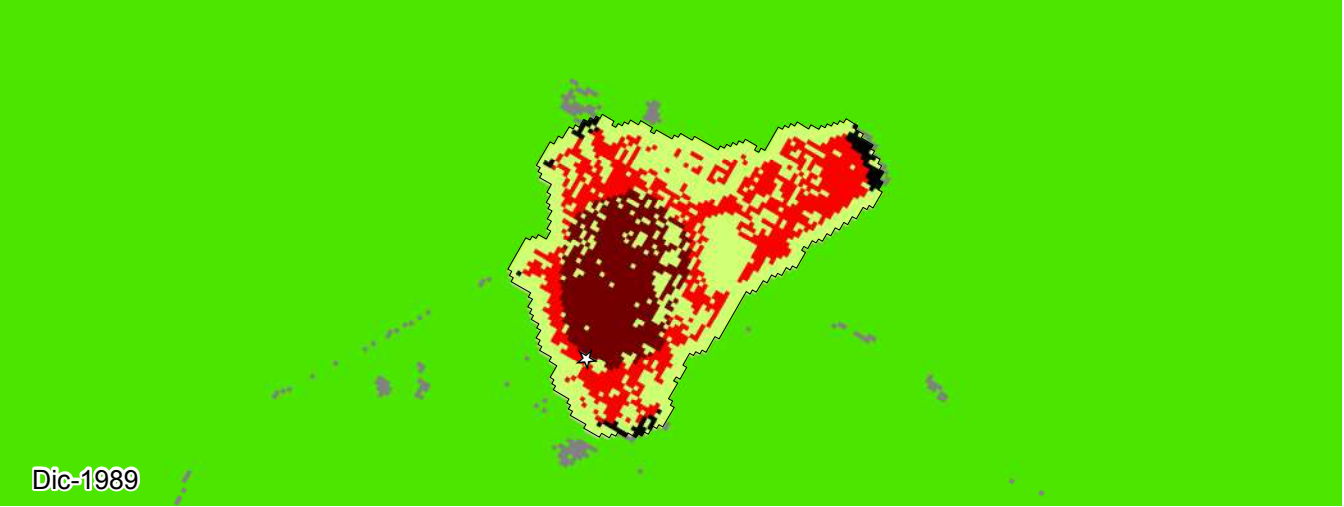
- San Marcos |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



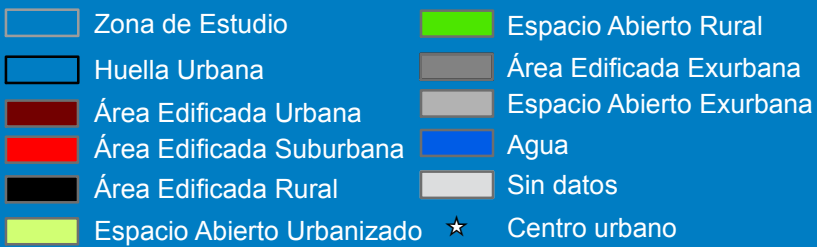
| Métrica                             | Ene 1987 | Jul 2001 | Jul 2014 | Cambio Anual % ('01-'14) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 14,046   | 24,964   | 33,122   | 2.2                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 70.7     | 160.5    | 295.3    | 4.7                      |
| Urbana                              | 0.0      | 0.4      | 180.5    | 47.8                     |
| Suburbana                           | 61.4     | 144.9    | 109.0    | -2.2                     |
| Rural                               | 9.3      | 15.2     | 5.8      | -7.5                     |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 101      | 184      | 218      | 1.3                      |
| Huella Urbana                       | 172      | 345      | 514      | 3.1                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 198.8    | 155.6    | 112.2    | -2.5                     |
| Densidad de la Huella Urbana        | 81.6     | 72.3     | 64.4     | -0.9                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.41     | 0.46     | 0.57     | 1.6                      |
| Índice de Apertura                  | 0.65     | 0.63     | 0.45     | -2.5                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.92     | 0.80     | 0.86     | 0.5                      |
| Cohesión                            | 0.91     | 0.80     | 0.86     | 0.5                      |
| Área Agregada (Hectáreas)           | '87-'01  | Porción  | '01-'14  | Porción                  |
| Relleno                             | 5.94     | 6.62%    | 67.95    | 50.59%                   |
| Extensión                           | 11.7     | 13.04%   | 30.87    | 22.98%                   |
| Crecimiento Discontinuo             | 43.11    | 48.03%   | 13.5     | 10.05%                   |
| Inclusión                           | 29.0     | 32.31%   | 22.0     | 16.38%                   |







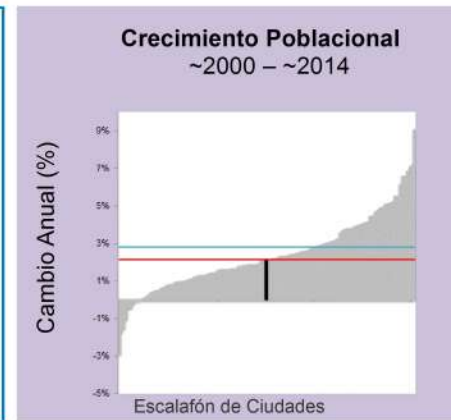
San Martín, Meta  
1989-2014



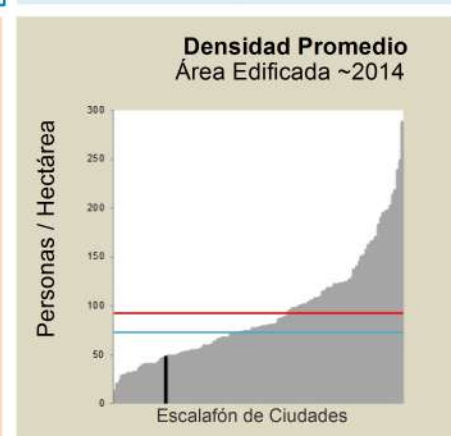
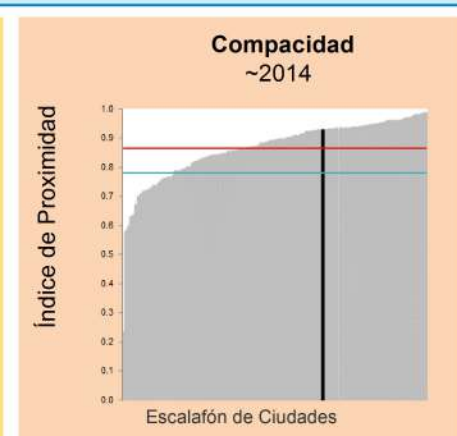
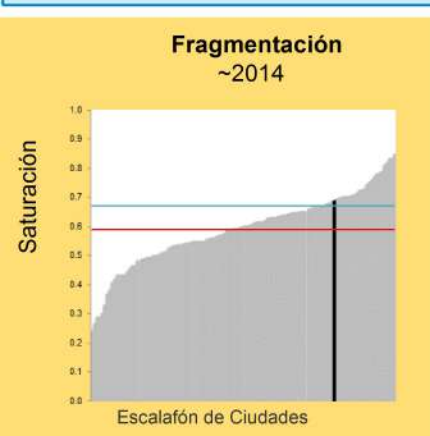
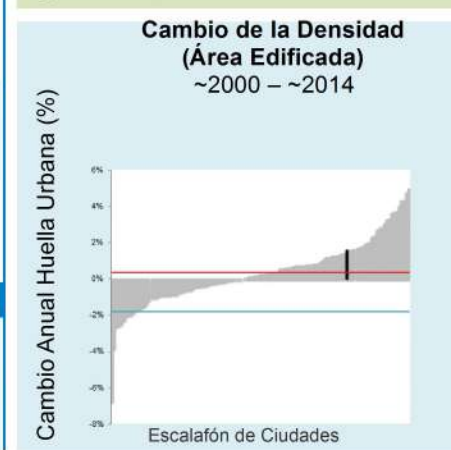
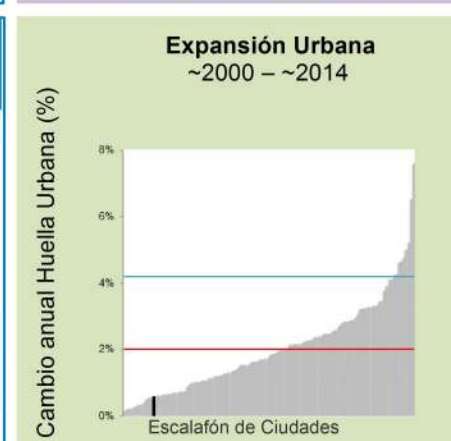


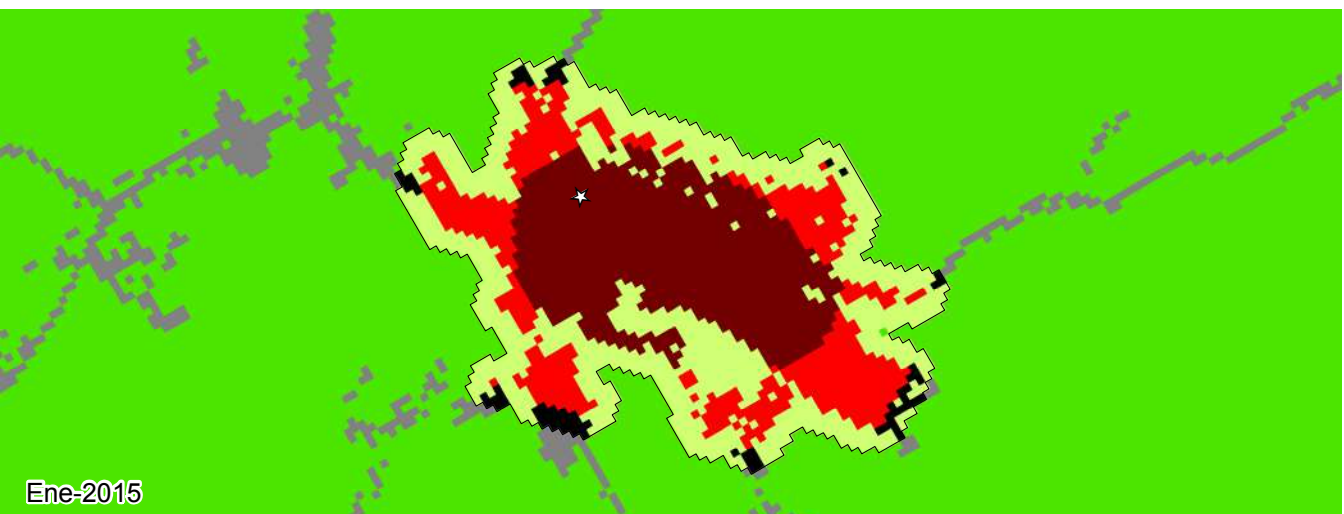
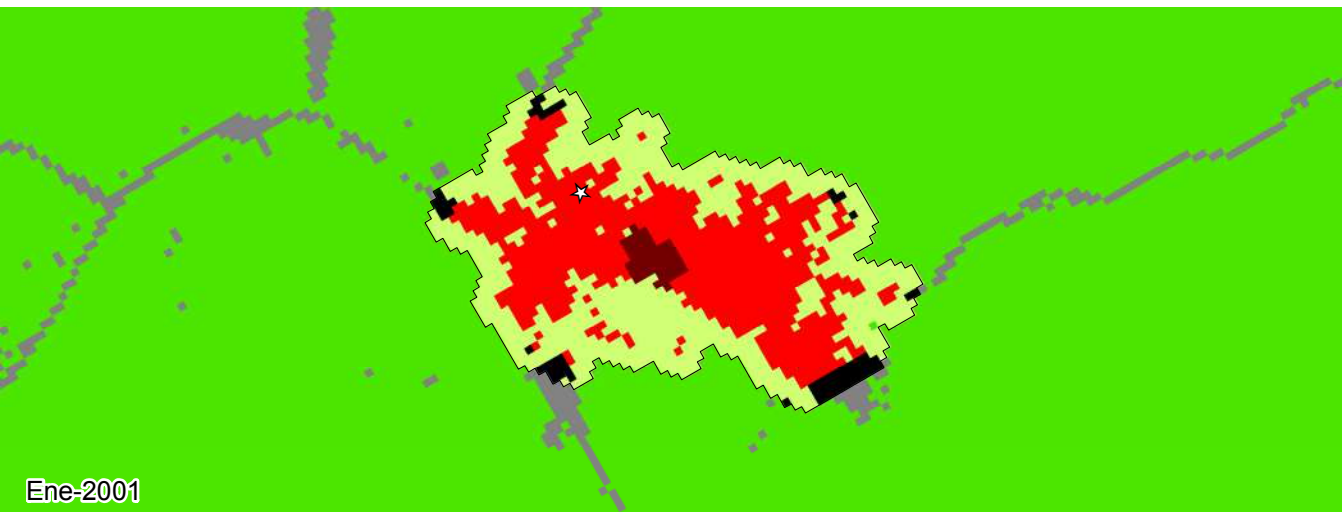
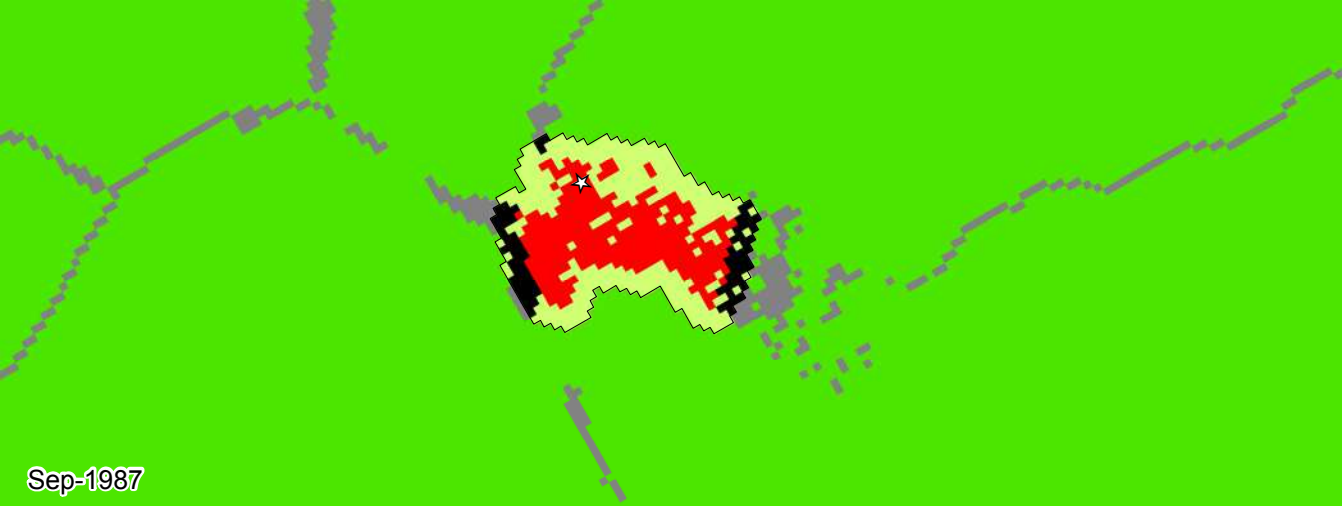
**Legenda**

- San Martín |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



| Métrica                             | Dic 1989 | Mar 2001 | Ene 2014 | Cambio Anual % ('01-'14) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 9,451    | 15,885   | 20,859   | 2.1                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 160.6    | 243.0    | 297.2    | 1.6                      |
| Urbana                              | 63.4     | 158.4    | 226.3    | 2.8                      |
| Suburbana                           | 90.5     | 79.3     | 65.9     | -1.4                     |
| Rural                               | 6.8      | 5.3      | 5.0      | -0.5                     |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 144      | 159      | 135      | -1.3                     |
| Huella Urbana                       | 304      | 402      | 432      | 0.6                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 58.9     | 65.4     | 70.2     | 0.6                      |
| Densidad de la Huella Urbana        | 31.0     | 39.5     | 48.2     | 1.6                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.53     | 0.60     | 0.69     | 1.0                      |
| Índice de Apertura                  | 0.53     | 0.42     | 0.36     | -1.4                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.91     | 0.92     | 0.93     | 0.1                      |
| Cohesión                            | 0.90     | 0.91     | 0.92     | 0.1                      |
| Área Agregada (Hectáreas)           | '89-'01  | Porción  | '01-'14  | Porción                  |
| Relleno                             | 43.65    | 53.3%    | 39.69    | 74.31%                   |
| Extensión                           | 23.58    | 28.79%   | 9.54     | 17.86%                   |
| Crecimiento Discontinuo             | 6.66     | 8.13%    | 0.18     | 0.34%                    |
| Inclusión                           | 8.0      | 9.77%    | 4.0      | 7.49%                    |

















## San Pedro de Urabá, Meta 1987-2015

0 0.25 0.5 0.75 1 km

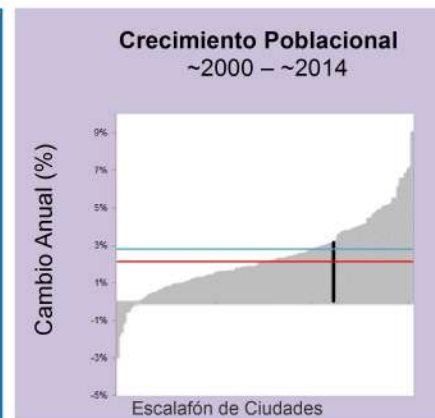


- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |   | Centro urbano            |

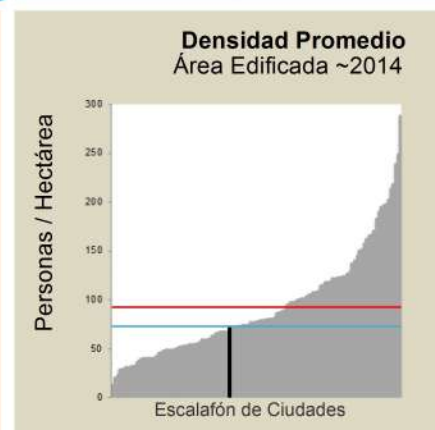
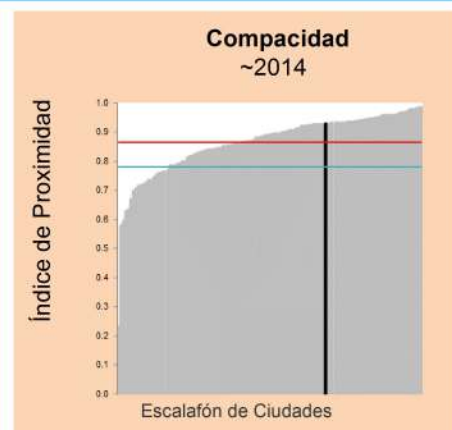
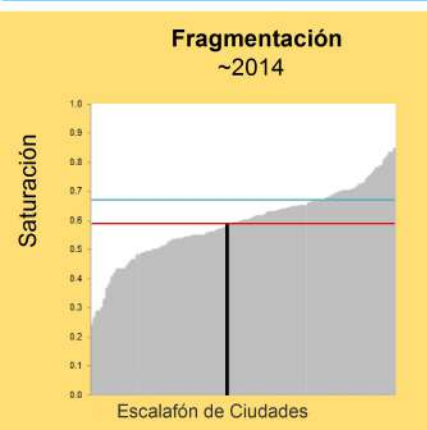
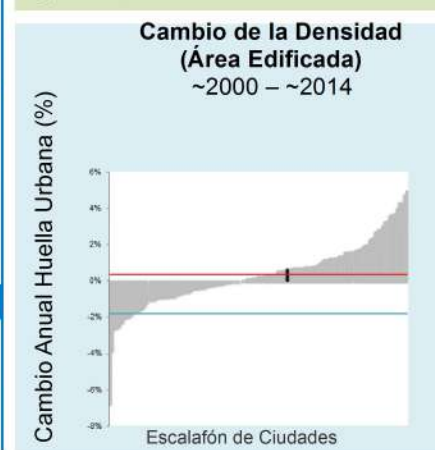
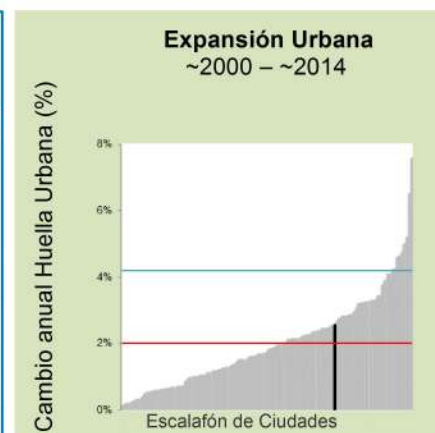


**Legenda**

- San Pedro de Urabá |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



| Métrica                             | Sep 1987 | Ene 2001 | Ene 2015 | Cambio Anual % ('01-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 6,025    | 10,018   | 15,594   | 3.2                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 31.8     | 78.2     | 129.7    | 3.6                      |
| Urbana                              | 0.0      | 4.0      | 73.6     | 20.9                     |
| Suburbana                           | 24.9     | 68.5     | 49.1     | -2.4                     |
| Rural                               | 6.8      | 5.8      | 6.9      | 1.3                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 27       | 75       | 90       | 1.3                      |
| Huella Urbana                       | 59       | 153      | 220      | 2.6                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 189.6    | 128.1    | 120.2    | -0.5                     |
| Densidad de la Huella Urbana        | 101.7    | 65.1     | 70.8     | 0.6                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.54     | 0.51     | 0.59     | 1.1                      |
| Índice de Apertura                  | 0.71     | 0.60     | 0.49     | -1.4                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.93     | 0.91     | 0.93     | 0.1                      |
| Cohesión                            | 0.91     | 0.91     | 0.92     | 0.1                      |
| Área Agregada (Hectáreas)           | '87-'01  | Porción  | '01-'15  | Porción                  |
| Relleno                             | 5.04     | 10.99%   | 19.89    | 38.86%                   |
| Extensión                           | 17.01    | 37.11%   | 22.5     | 43.95%                   |
| Crecimiento Discontinuo             | 11.79    | 25.72%   | 1.8      | 3.52%                    |
| Inclusión                           | 12.0     | 26.18%   | 7.0      | 13.67%                   |

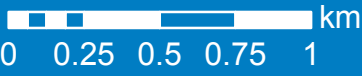














Jun-1991

Ene-2001

Ene-2015

San Vicente de Chucurí, Santander  
1991-2015



- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |  | Centro urbano            |

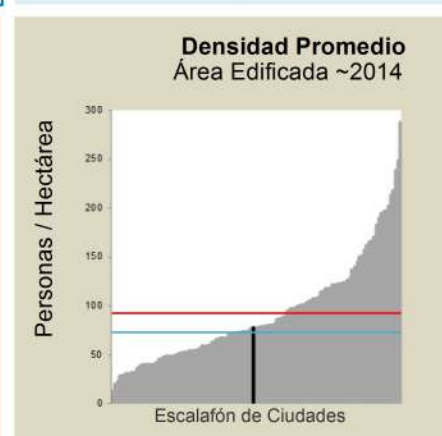
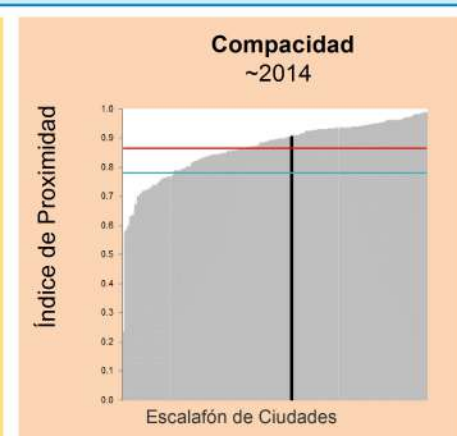
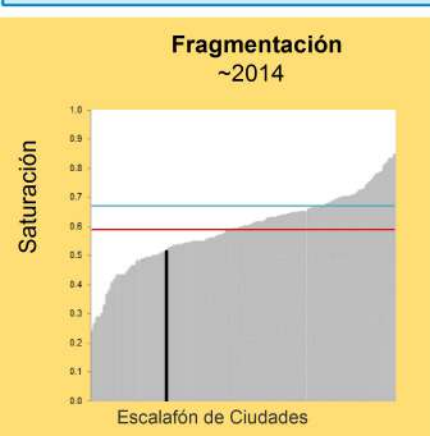
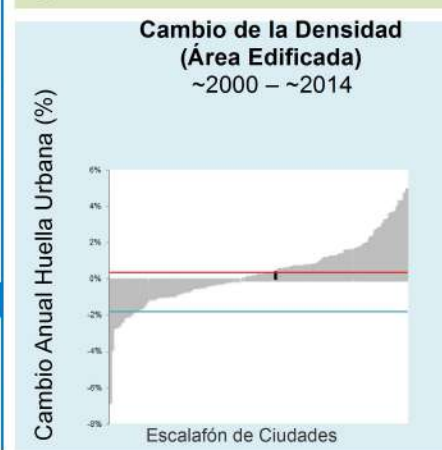
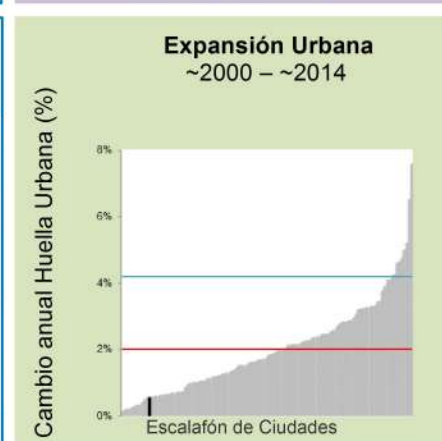


**Legenda**

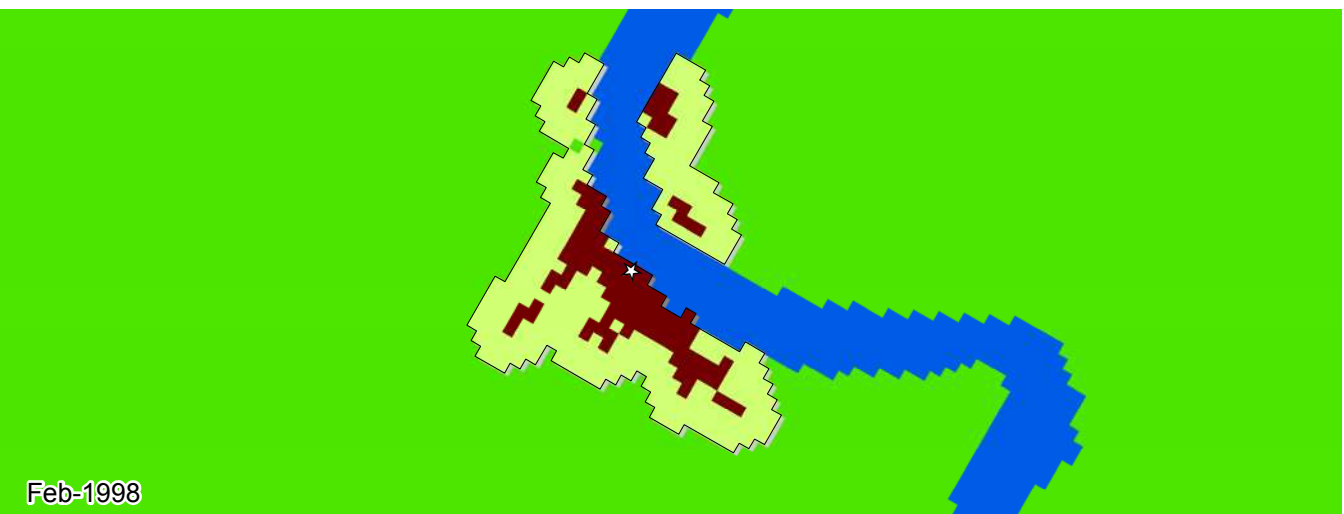
- San Vicente de Chucurí |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



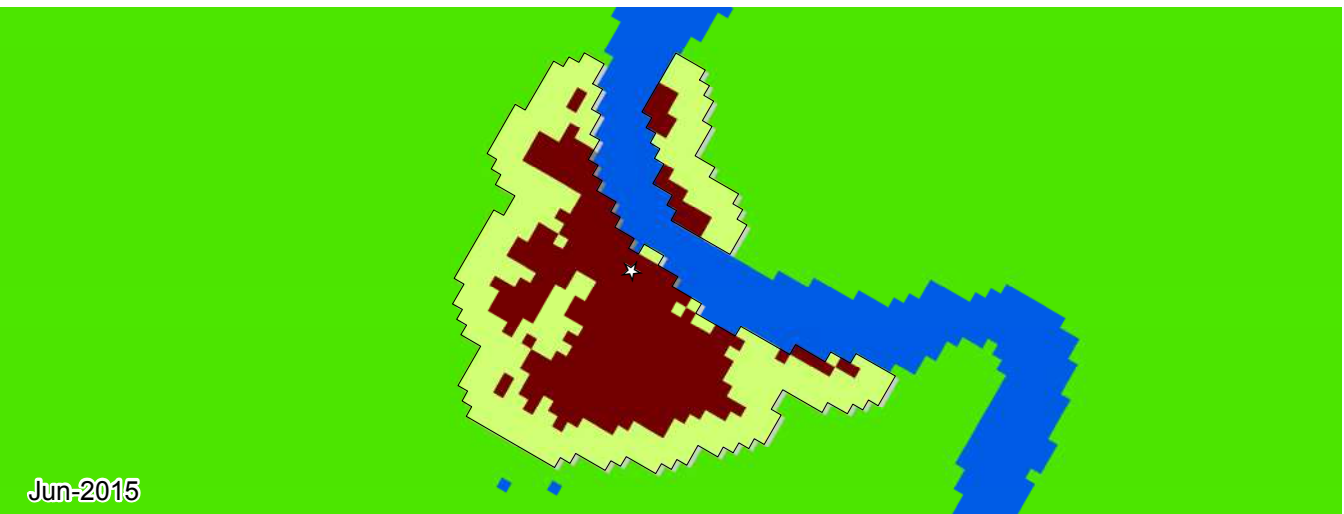
| Métrica                             | Jun 1991 | Ene 2001 | Ene 2015 | Cambio Anual % ('01-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 8,105    | 13,328   | 15,137   | 0.9                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 71.5     | 92.5     | 100.9    | 0.6                      |
| Urbana                              | 1.2      | 13.6     | 22.4     | 3.6                      |
| Suburbana                           | 61.0     | 70.9     | 71.5     | 0.1                      |
| Rural                               | 9.3      | 8.0      | 6.9      | -1.0                     |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 63       | 89       | 94       | 0.5                      |
| Huella Urbana                       | 135      | 181      | 195      | 0.5                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 113.4    | 144.1    | 150.0    | 0.3                      |
| Densidad de la Huella Urbana        | 59.8     | 73.4     | 77.4     | 0.4                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.53     | 0.51     | 0.52     | 0.1                      |
| Índice de Apertura                  | 0.63     | 0.61     | 0.60     | -0.2                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.93     | 0.88     | 0.90     | 0.2                      |
| Cohesión                            | 0.92     | 0.88     | 0.90     | 0.2                      |
| Área Agregada (Hectáreas)           | '91-'01  | Porción  | '01-'15  | Porción                  |
| Relleno                             | 1.53     | 7.3%     | 3.69     | 48.75%                   |
| Extensión                           | 3.78     | 18.03%   | 2.88     | 38.04%                   |
| Crecimiento Discontinuo             | 7.65     | 36.5%    | 0.0      | 0.0%                     |
| Inclusión                           | 8.0      | 38.17%   | 1.0      | 13.21%                   |



Jun-1991



Feb-1998



Jun-2015



Santa Bárbara, Nariño  
1991-2015



Zona de Estudio

Huella Urbana

Área Edificada Urbana

Área Edificada Suburbana

Área Edificada Rural

Espacio Abierto Urbanizado

Espacio Abierto Rural

Área Edificada Exurbana

Espacio Abierto Exurbana

Agua

Sin datos

★ Centro urbano

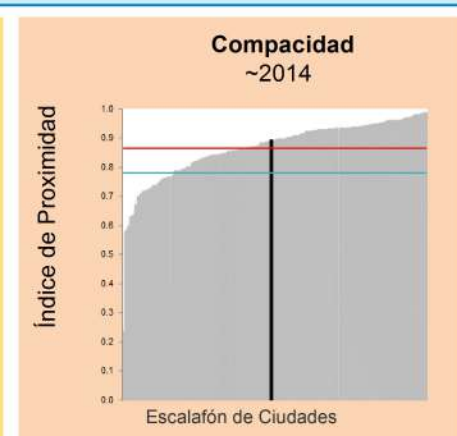
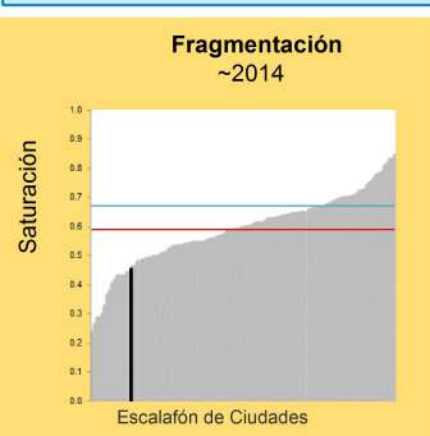
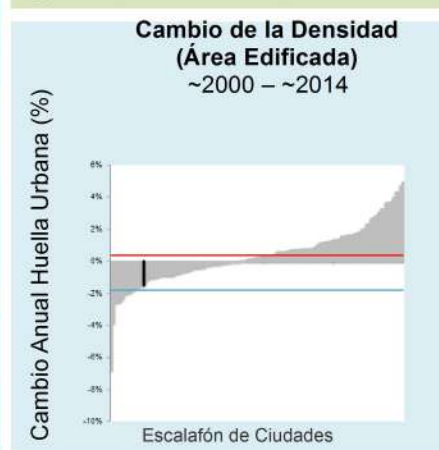
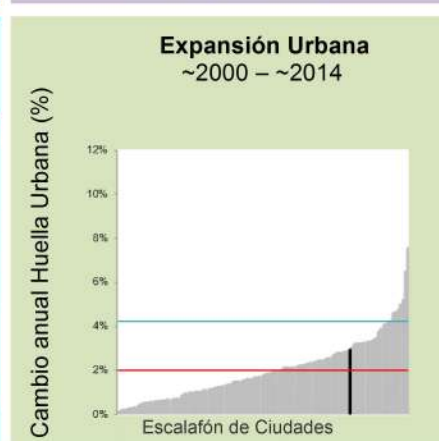


**Legenda**

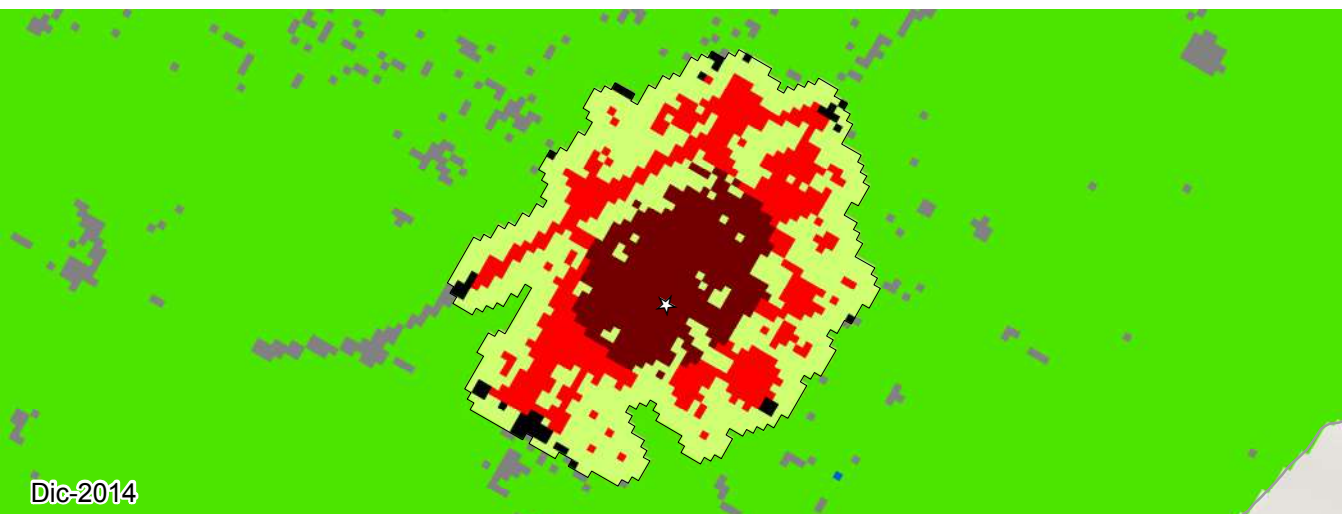
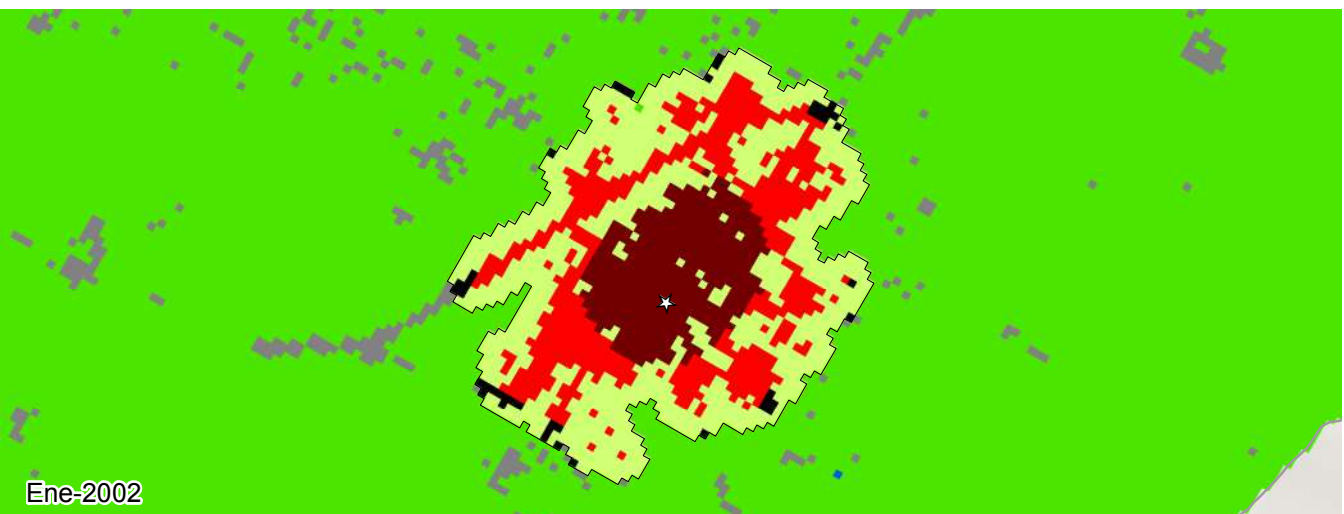
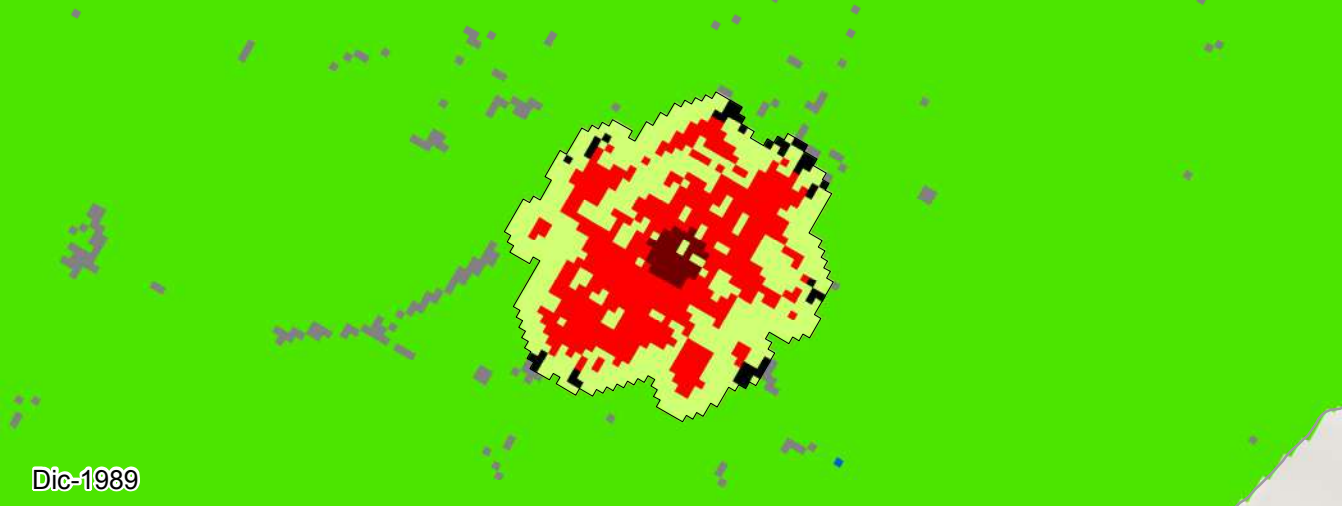
- Santa Bárbara |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



| Métrica                             | Jun 1991 | Feb 1998 | Jun 2015 | Cambio Anual % ('98-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 2,751    | 2,904    | 3,714    | 1.4                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 6.2      | 9.7      | 28.4     | 6.2                      |
| Urbana                              | 6.2      | 9.7      | 28.4     | 6.2                      |
| Suburbana                           | 0.0      | 0.0      | 0.0      | 0.0                      |
| Rural                               | 0.0      | 0.0      | 0.0      | 0.0                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 23       | 27       | 33       | 1.2                      |
| Huella Urbana                       | 29       | 37       | 62       | 2.9                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 443.0    | 298.8    | 130.6    | -4.8                     |
| Densidad de la Huella Urbana        | 92.6     | 77.6     | 59.6     | -1.5                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.21     | 0.26     | 0.46     | 3.3                      |
| Índice de Apertura                  | 0.94     | 0.91     | 0.75     | -1.1                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.77     | 0.74     | 0.89     | 1.1                      |
| Cohesión                            | 0.74     | 0.73     | 0.87     | 1.0                      |
| Área Agregada (Hectáreas)           | '91-'98  | Porción  | '98-'15  | Porción                  |
| Relleno                             | 0.63     | 17.95%   | 2.61     | 12.6%                    |
| Extensión                           | 2.16     | 61.54%   | 14.04    | 67.76%                   |
| Crecimiento Discontinuo             | 0.72     | 20.51%   | 2.07     | 9.99%                    |
| Inclusión                           | 0.0      | 0.0%     | 2.0      | 9.65%                    |



















Santa Rosa de Viterbo, Boyacá  
1989-2014

0 0.25 0.5 0.75 1 km

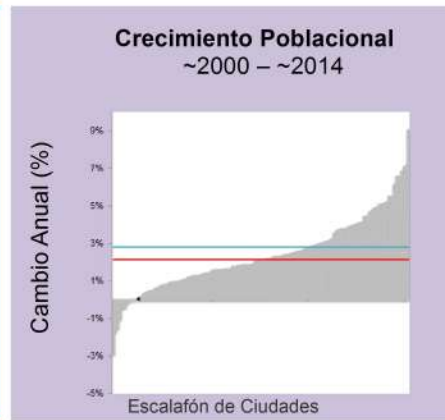


- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |  | Centro urbano            |

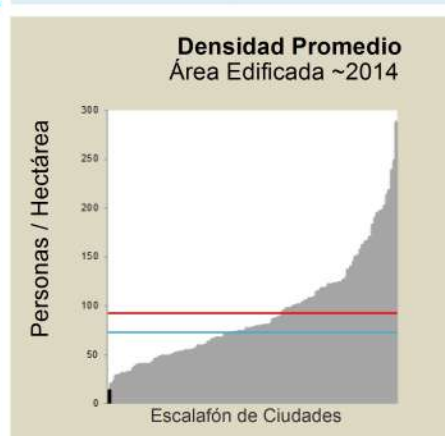
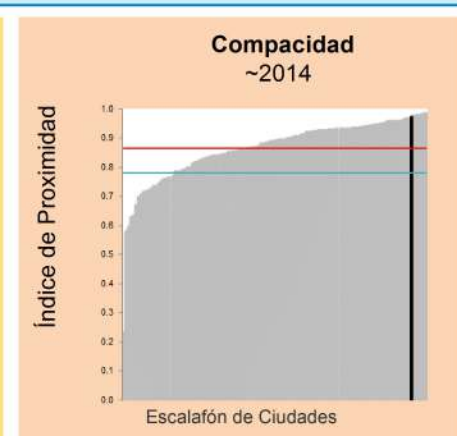
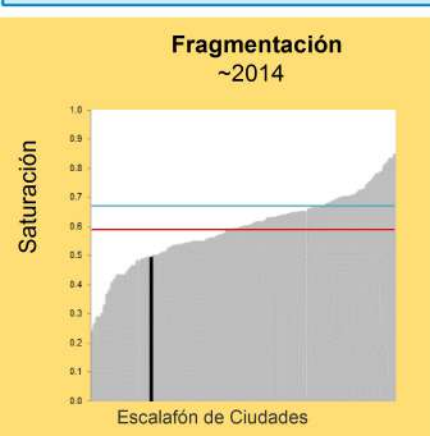
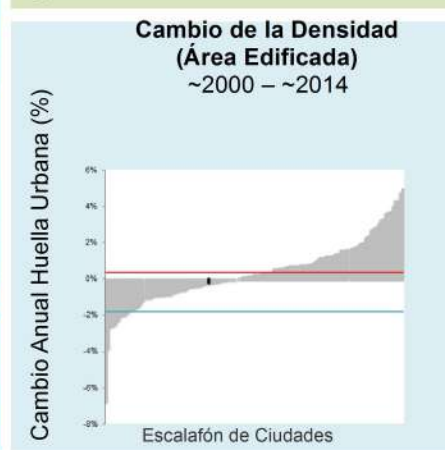
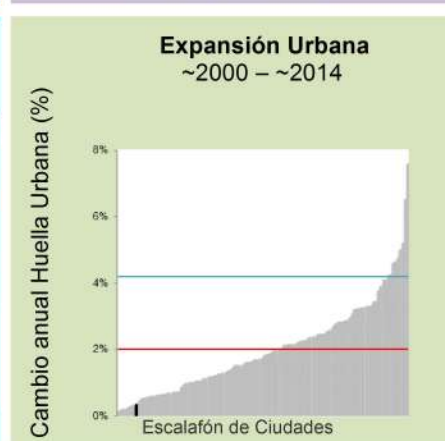


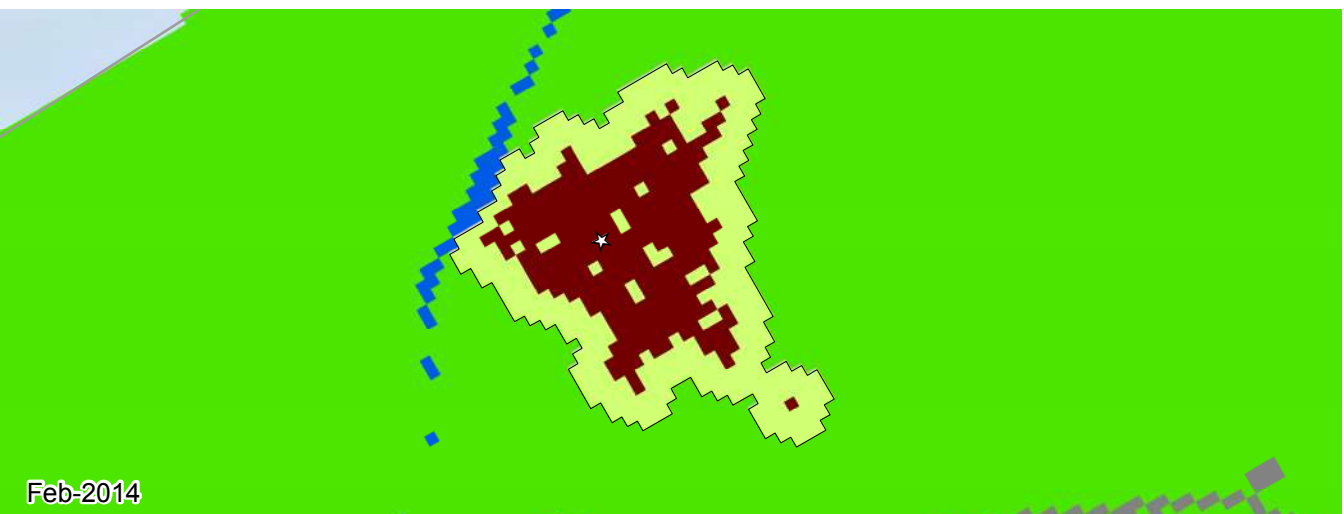
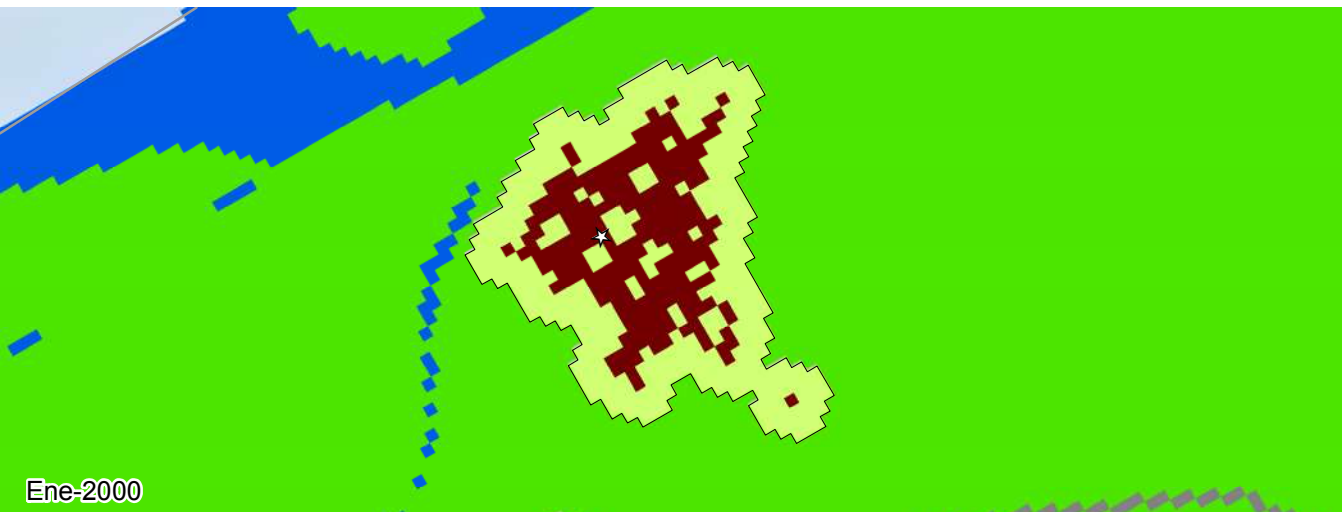
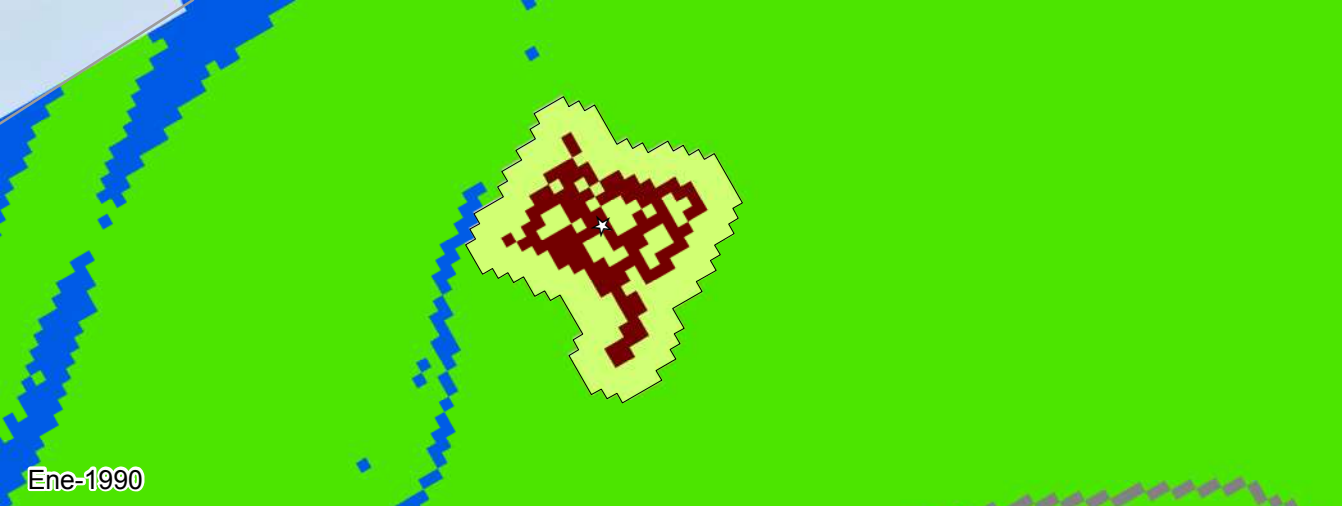
**Legenda**

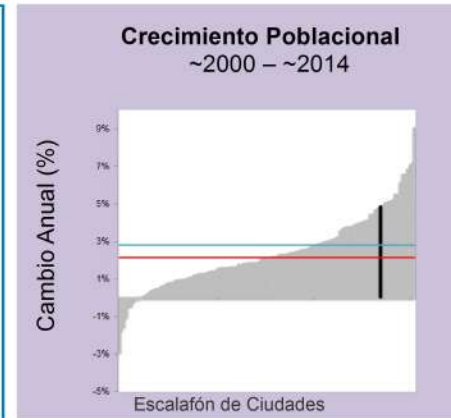
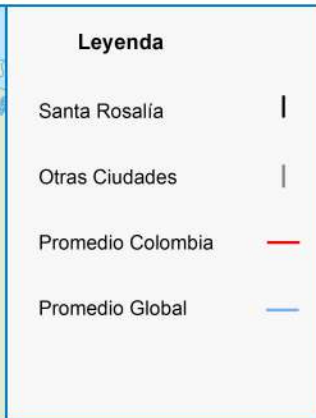
- Santa Rosa de Viterbo |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



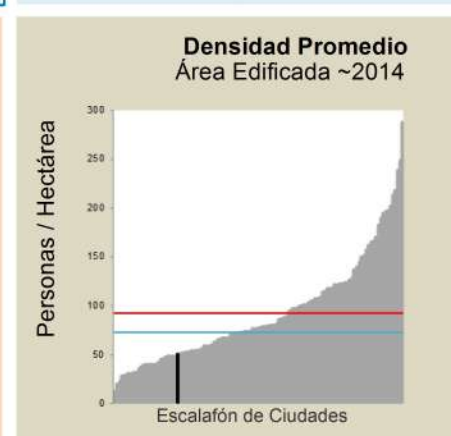
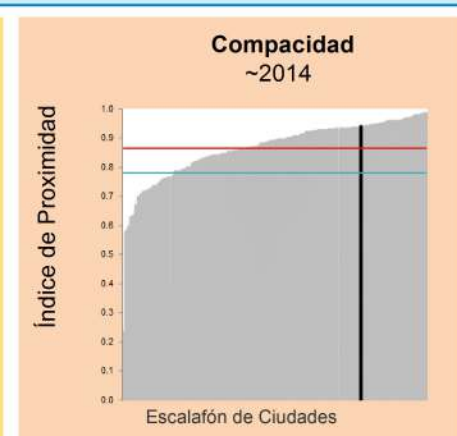
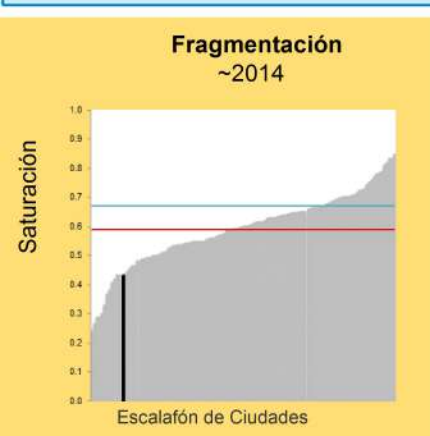
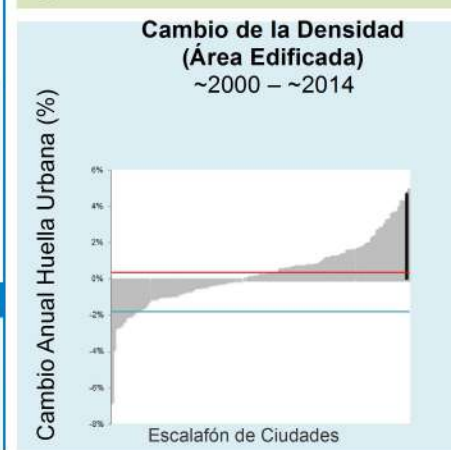
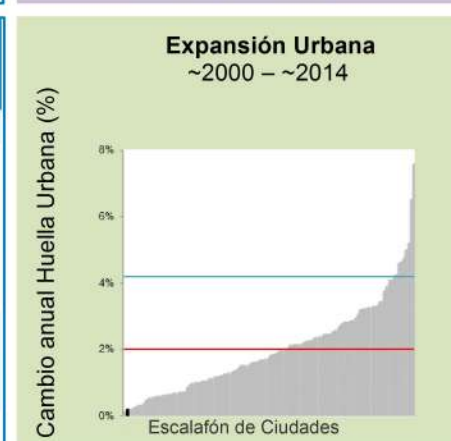
| Métrica                             | Dic 1989 | Ene 2002 | Dic 2014 | Cambio Anual % ('02-'14) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 2,309    | 2,465    | 2,492    | 0.1                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 57.0     | 90.2     | 94.8     | 0.4                      |
| Urbana                              | 3.8      | 35.2     | 39.3     | 0.9                      |
| Suburbana                           | 49.0     | 50.9     | 51.1     | 0.0                      |
| Rural                               | 4.2      | 4.0      | 4.3      | 0.5                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 61       | 93       | 97       | 0.3                      |
| Huella Urbana                       | 117      | 184      | 192      | 0.3                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 40.5     | 27.3     | 26.3     | -0.3                     |
| Densidad de la Huella Urbana        | 19.6     | 13.4     | 13.0     | -0.2                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.48     | 0.49     | 0.49     | 0.1                      |
| Índice de Apertura                  | 0.62     | 0.54     | 0.53     | -0.1                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.99     | 0.97     | 0.97     | 0.0                      |
| Cohesión                            | 0.98     | 0.96     | 0.97     | 0.0                      |
| Área Agregada (Hectáreas)           | '89-'02  | Porción  | '02-'14  | Porción                  |
| Relleno                             | 10.44    | 31.74%   | 1.35     | 32.61%                   |
| Extensión                           | 13.23    | 40.22%   | 2.79     | 67.39%                   |
| Crecimiento Discontinuo             | 5.22     | 15.87%   | 0.0      | 0.0%                     |
| Inclusión                           | 4.0      | 12.16%   | 0.0      | 0.0%                     |







| Métrica                             | Ene 1990 | Ene 2000 | Feb 2014 | Cambio Anual % ('00-'14) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 402      | 1,407    | 2,799    | 4.9                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 9.4      | 19.4     | 24.1     | 1.6                      |
| Urbana                              | 8.7      | 28.2     | 32.6     | 1.0                      |
| Suburbana                           | 0.0      | 0.0      | 0.0      | 0.0                      |
| Rural                               | 0.0      | 0.8      | 0.5      | -2.9                     |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 24       | 81       | 83       | 0.2                      |
| Huella Urbana                       | 32       | 54       | 55       | 0.2                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 42.6     | 72.8     | 116.1    | 3.3                      |
| Densidad de la Huella Urbana        | 12.5     | 25.9     | 50.3     | 4.7                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.29     | 0.36     | 0.43     | 1.4                      |
| Índice de Apertura                  | 0.90     | 0.81     | 0.77     | -0.4                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.97     | 0.93     | 0.94     | 0.1                      |
| Cohesión                            | 0.94     | 0.91     | 0.92     | 0.1                      |
| Área Agregada (Hectáreas)           | '90-'00  | Porción  | '00-'14  | Porción                  |
| Relleno                             | 1.26     | 7.46%    | 3.42     | 71.7%                    |
| Extensión                           | 8.55     | 50.59%   | 1.35     | 28.3%                    |
| Crecimiento Discontinuo             | 0.09     | 0.53%    | 0.0      | 0.0%                     |
| Inclusión                           | 7.0      | 41.42%   | 0.0      | 0.0%                     |



Ene-1991













Nov-2003

Abr-2015

### Sasaima, Cundinamarca 1991-2015

0 0.25 0.5 0.75 1 km

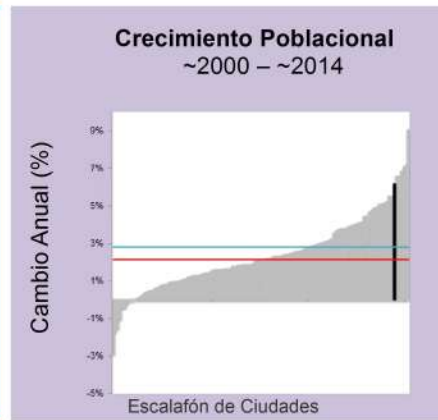


- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |   | Centro urbano            |

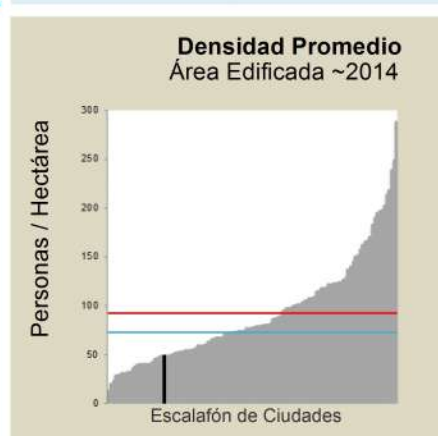
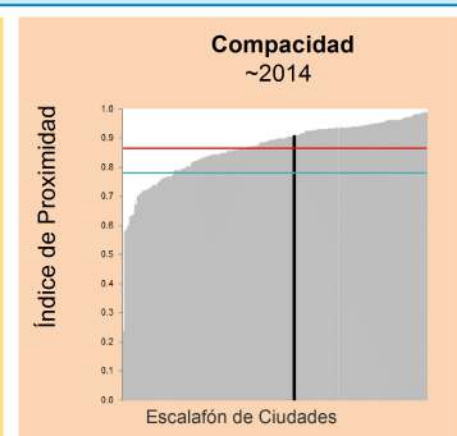
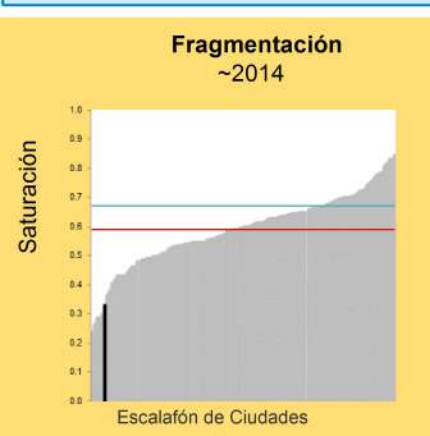
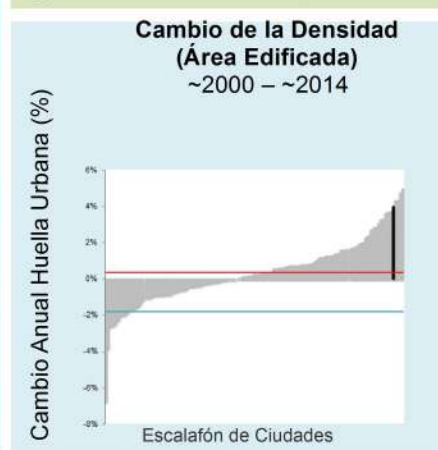
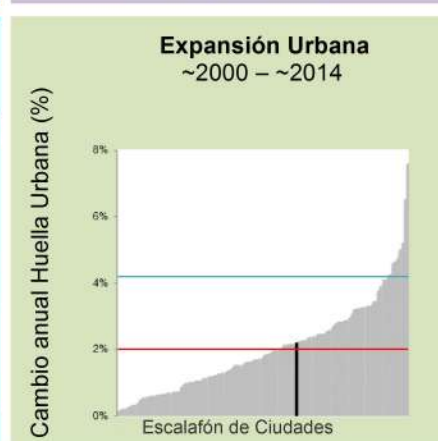


**Legenda**

- Sasaima |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



| Métrica                             | Ene 1991 | Nov 2003 | Abr 2015 | Cambio Anual % ('03-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 5,677    | 5,452    | 10,988   | 6.1                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 30.1     | 51.3     | 73.7     | 3.2                      |
| Urbana                              | 27.8     | 50.3     | 71.3     | 3.1                      |
| Suburbana                           | 0.0      | 0.0      | 0.0      | 0.0                      |
| Rural                               | 2.3      | 1.0      | 2.4      | 7.9                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 72       | 123      | 150      | 1.7                      |
| Huella Urbana                       | 102      | 174      | 223      | 2.2                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 188.9    | 106.3    | 149.1    | 3.0                      |
| Densidad de la Huella Urbana        | 55.6     | 31.2     | 49.1     | 4.0                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.29     | 0.29     | 0.33     | 1.0                      |
| Índice de Apertura                  | 0.81     | 0.76     | 0.70     | -0.7                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.75     | 0.88     | 0.91     | 0.2                      |
| Cohesión                            | 0.75     | 0.88     | 0.90     | 0.2                      |
| Área Agregada (Hectáreas)           | '91-'03  | Porción  | '03-'15  | Porción                  |
| Relleno                             | 2.97     | 14.25%   | 11.88    | 54.25%                   |
| Extensión                           | 11.88    | 57.01%   | 5.13     | 23.42%                   |
| Crecimiento Discontinuo             | 0.99     | 4.75%    | 1.89     | 8.63%                    |
| Inclusión                           | 5.0      | 23.99%   | 3.0      | 13.7%                    |



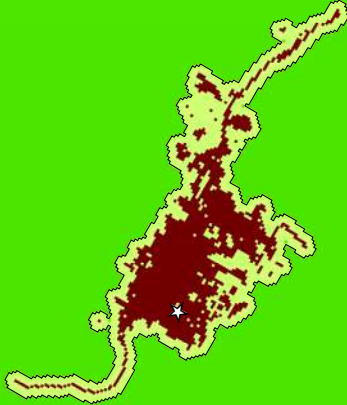
Ago-1989



May-1998















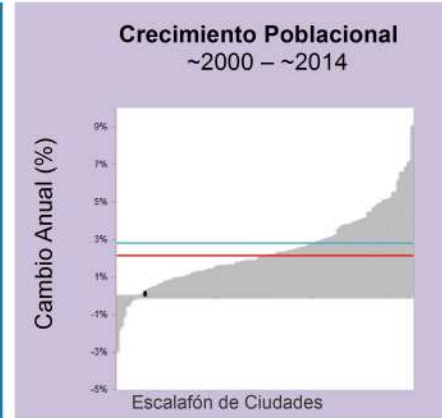
Mar-2014



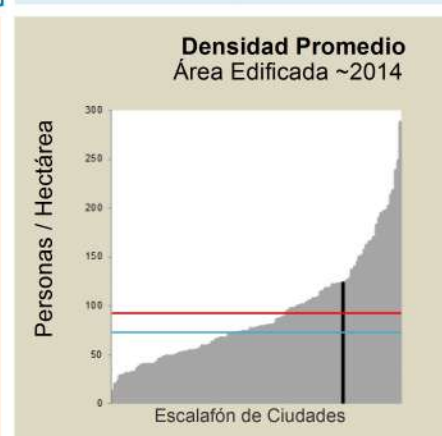
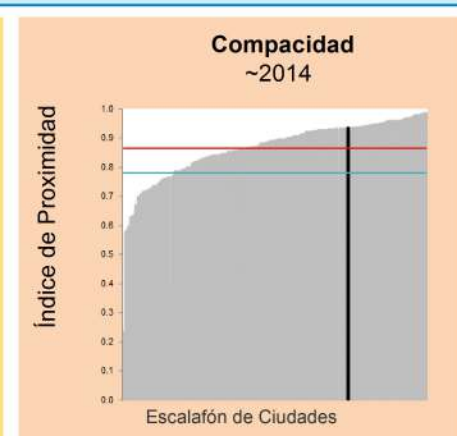
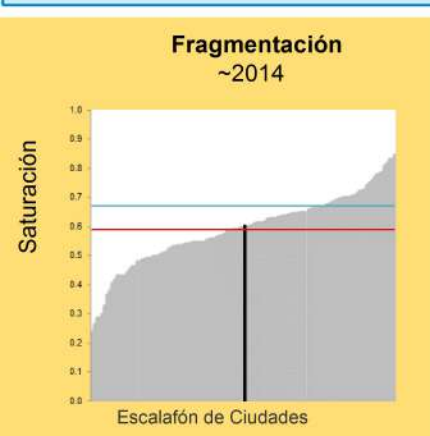
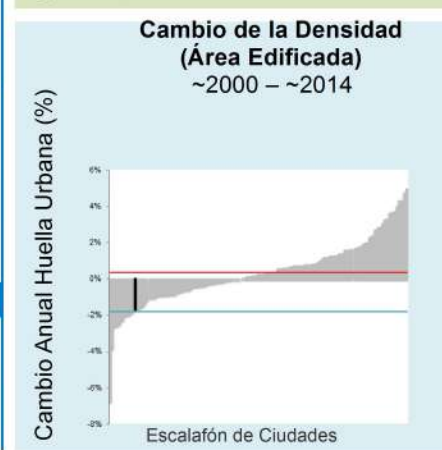
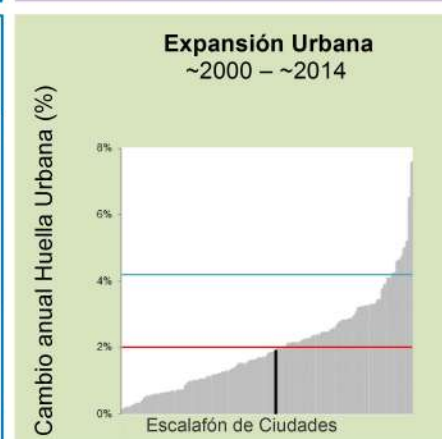
### Sevilla, Valle del Cauca 1989-2014



- |  |   |
|--|---|
|  Zona de Estudio            |  Espacio Abierto Rural    |
|  Huella Urbana              |  Área Edificada Exurbana  |
|  Área Edificada Urbana      |  Espacio Abierto Exurbana |
|  Área Edificada Suburbana   |  Agua                     |
|  Área Edificada Rural       |  Sin datos                |
|  Espacio Abierto Urbanizado |  Centro urbano            |



| Métrica                             | Ago 1989 | May 1998 | Mar 2014 | Cambio Anual % ('98-'14) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 23,783   | 34,869   | 35,968   | 0.2                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 102.3    | 127.3    | 175.3    | 2.0                      |
| Urbana                              | 55.0     | 75.9     | 114.8    | 2.6                      |
| Suburbana                           | 45.6     | 48.3     | 53.9     | 0.7                      |
| Rural                               | 1.7      | 3.1      | 6.6      | 4.8                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 68       | 88       | 115      | 1.7                      |
| Huella Urbana                       | 170      | 215      | 291      | 1.9                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 232.4    | 274.0    | 205.2    | -1.8                     |
| Densidad de la Huella Urbana        | 139.6    | 161.6    | 123.5    | -1.7                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.60     | 0.59     | 0.60     | 0.1                      |
| Índice de Apertura                  | 0.48     | 0.45     | 0.42     | -0.4                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.93     | 0.97     | 0.94     | -0.2                     |
| Cohesión                            | 0.92     | 0.96     | 0.93     | -0.2                     |
| Área Agregada (Hectáreas)           | '89-'98  | Porción  | '98-'14  | Porción                  |
| Relleno                             | 2.16     | 8.89%    | 15.57    | 32.53%                   |
| Extensión                           | 20.52    | 84.44%   | 20.16    | 42.11%                   |
| Crecimiento Discontinuo             | 1.62     | 6.67%    | 4.14     | 8.65%                    |
| Inclusión                           | 0.0      | 0.0%     | 8.0      | 16.71%                   |

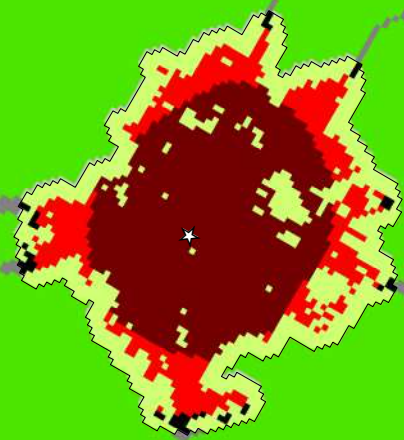




Ene-1987



Jul-2001



Jul-2014



Since, Sucre  
1987-2014

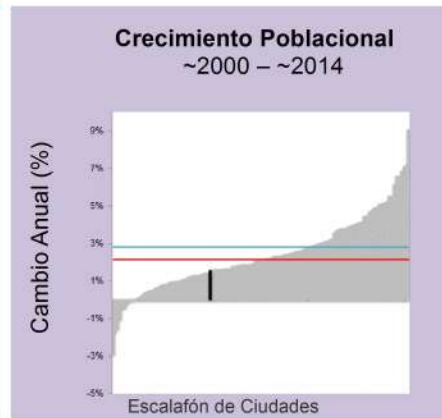


- |                            |                          |
|----------------------------|--------------------------|
| Zona de Estudio            | Espacio Abierto Rural    |
| Huella Urbana              | Área Edificada Exurbana  |
| Área Edificada Urbana      | Espacio Abierto Exurbana |
| Área Edificada Suburbana   | Agua                     |
| Área Edificada Rural       | Sin datos                |
| Espacio Abierto Urbanizado | Centro urbano            |

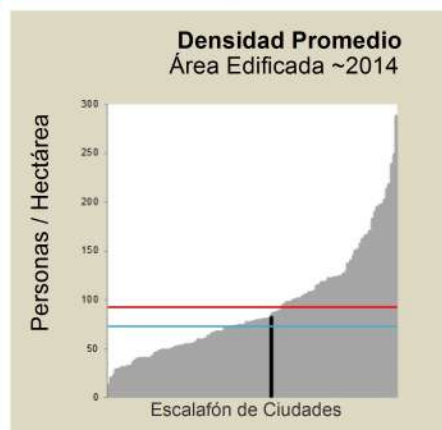
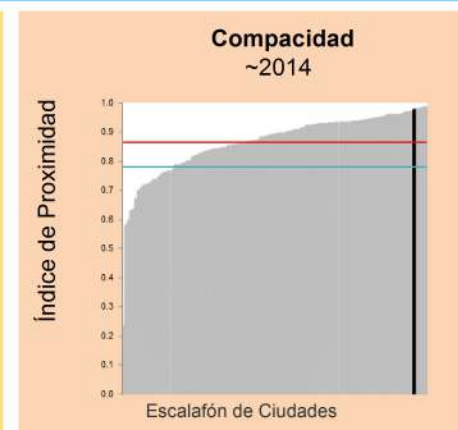
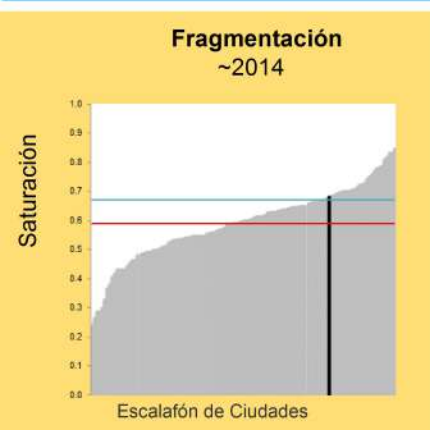
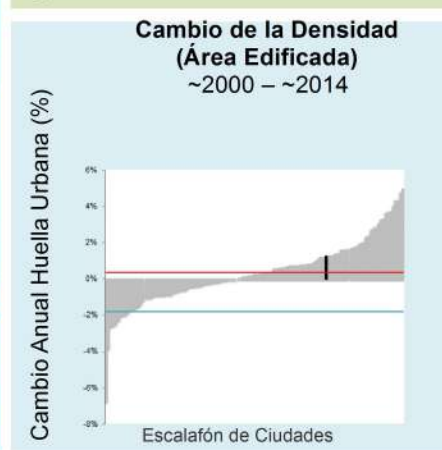
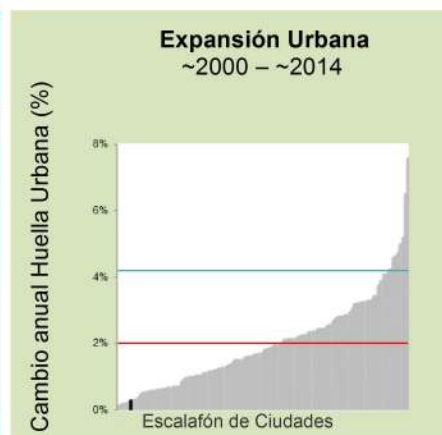


**Legenda**

- Sincé |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



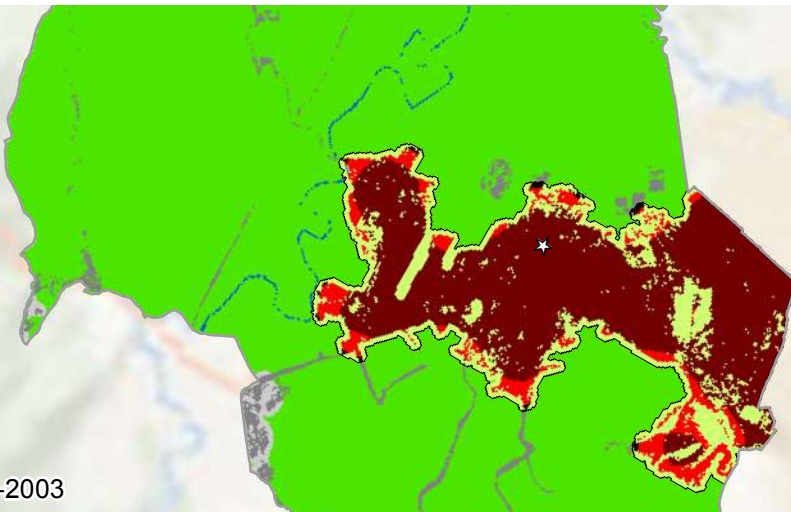
| Métrica                             | Ene 1987 | Jul 2001 | Jul 2014 | Cambio Anual % ('01-'14) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 18,417   | 22,223   | 27,084   | 1.5                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 131.4    | 210.2    | 224.9    | 0.5                      |
| Urbana                              | 80.5     | 150.1    | 164.7    | 0.7                      |
| Suburbana                           | 47.6     | 55.3     | 55.7     | 0.1                      |
| Rural                               | 3.3      | 4.8      | 4.5      | -0.4                     |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 76       | 108      | 105      | -0.2                     |
| Huella Urbana                       | 208      | 318      | 330      | 0.3                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 140.2    | 105.8    | 120.4    | 1.0                      |
| Densidad de la Huella Urbana        | 88.5     | 69.8     | 82.0     | 1.2                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.63     | 0.66     | 0.68     | 0.2                      |
| Índice de Apertura                  | 0.44     | 0.37     | 0.35     | -0.4                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.97     | 0.98     | 0.98     | 0.0                      |
| Cohesión                            | 0.96     | 0.97     | 0.97     | 0.0                      |
| Área Agregada (Hectáreas)           | '87-'01  | Porción  | '01-'14  | Porción                  |
| Relleno                             | 15.93    | 20.24%   | 8.91     | 61.03%                   |
| Extensión                           | 55.8     | 70.89%   | 3.6      | 24.66%                   |
| Crecimiento Discontinuo             | 1.98     | 2.52%    | 0.09     | 0.62%                    |
| Inclusión                           | 5.0      | 6.35%    | 2.0      | 13.7%                    |



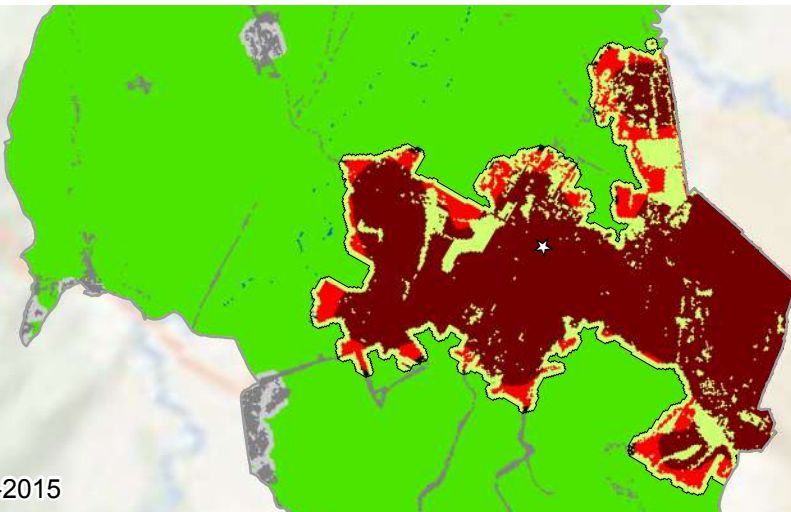
Ene-1991



Nov-2003















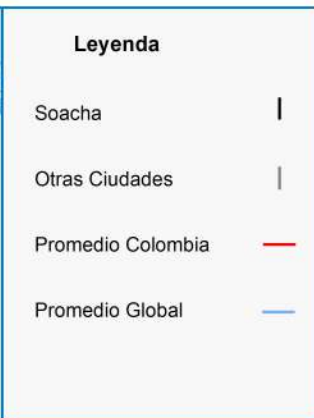
Abr-2015



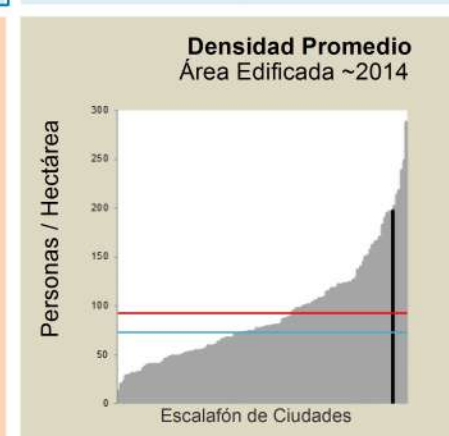
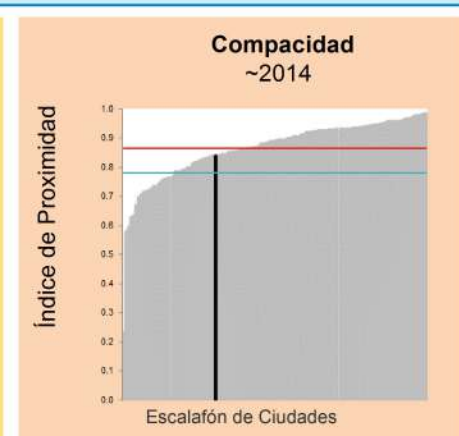
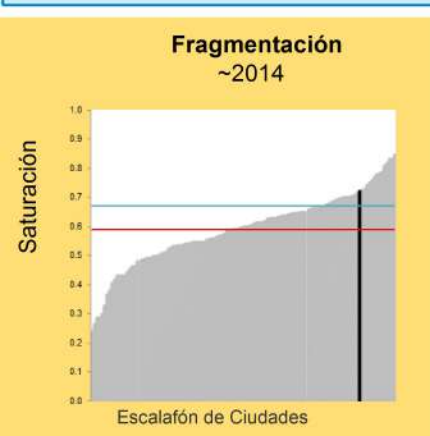
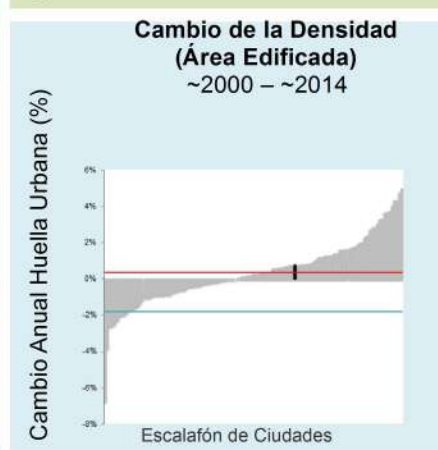
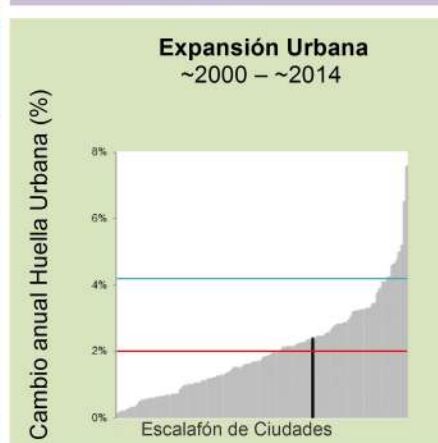
### Soacha, Cundinamarca 1991-2015

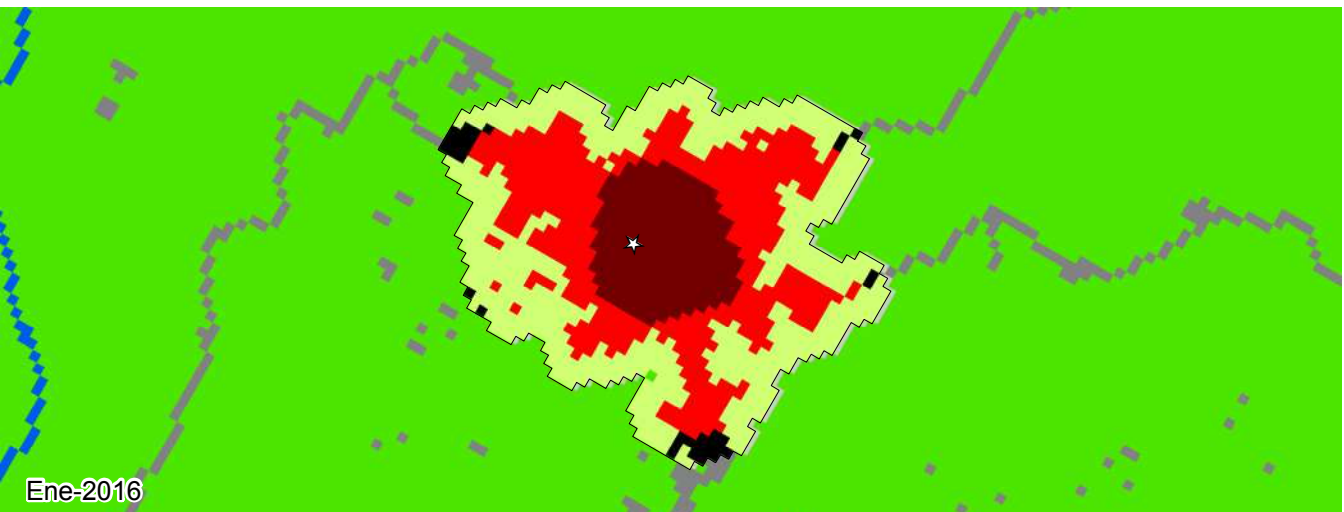
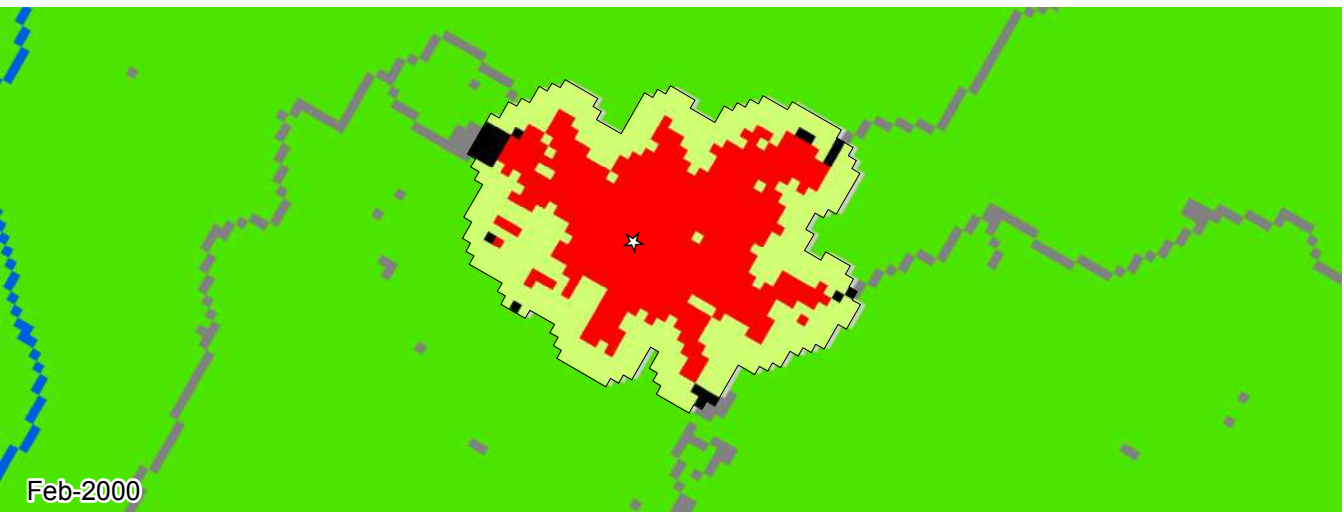
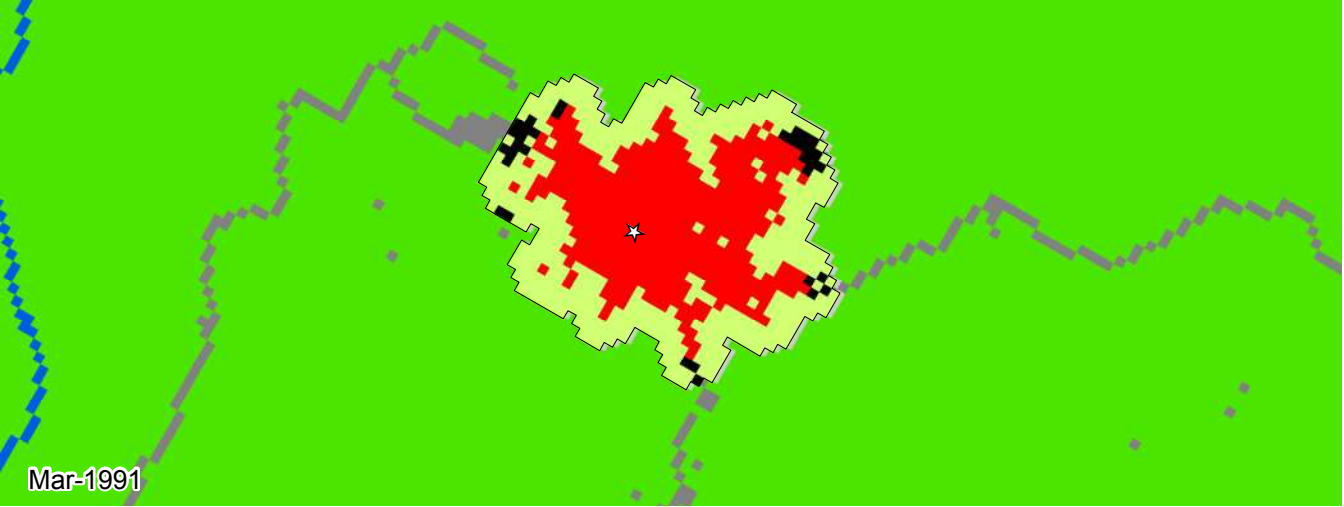


- |  |   |
|--|---|
|  Zona de Estudio            |  Espacio Abierto Rural    |
|  Huella Urbana              |  Área Edificada Exurbana  |
|  Área Edificada Urbana      |  Espacio Abierto Exurbana |
|  Área Edificada Suburbana   |  Agua                     |
|  Área Edificada Rural       |  Sin datos                |
|  Espacio Abierto Urbanizado |  Centro urbano             |



| Métrica                             | Ene 1991 | Nov 2003 | Abr 2015 | Cambio Anual % ('03-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 149,495  | 379,060  | 540,347  | 3.1                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 533.3    | 1,343.8  | 1,974.1  | 3.4                      |
| Urbana                              | 233.6    | 1,041.8  | 1,637.8  | 4.0                      |
| Suburbana                           | 285.5    | 289.0    | 318.8    | 0.9                      |
| Rural                               | 14.2     | 13.0     | 17.5     | 2.6                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 410      | 739      | 760      | 0.2                      |
| Huella Urbana                       | 943      | 2,083    | 2,734    | 2.4                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 280.3    | 282.1    | 273.7    | -0.3                     |
| Densidad de la Huella Urbana        | 158.4    | 181.9    | 197.6    | 0.7                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.57     | 0.64     | 0.72     | 1.0                      |
| Índice de Apertura                  | 0.47     | 0.33     | 0.27     | -1.9                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.77     | 0.76     | 0.84     | 0.9                      |
| Cohesión                            | 0.77     | 0.77     | 0.83     | 0.7                      |
| Área Agregada (Hectáreas)           | '91-'03  | Porción  | '03-'15  | Porción                  |
| Relleno                             | 126.45   | 15.61%   | 268.47   | 42.62%                   |
| Extensión                           | 357.21   | 44.09%   | 174.78   | 27.75%                   |
| Crecimiento Discontinuo             | 93.51    | 11.54%   | 147.6    | 23.43%                   |
| Inclusión                           | 233.0    | 28.76%   | 39.0     | 6.19%                    |

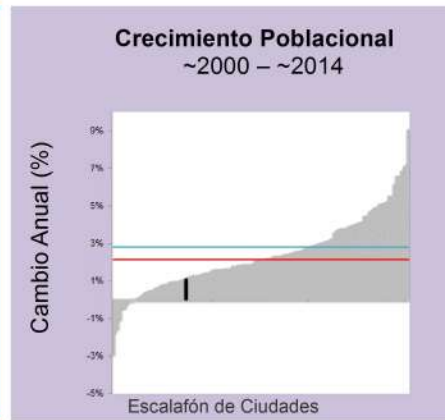




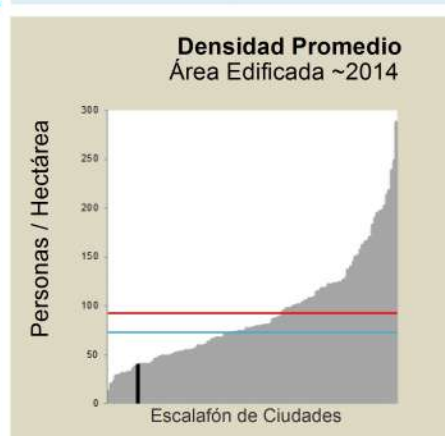
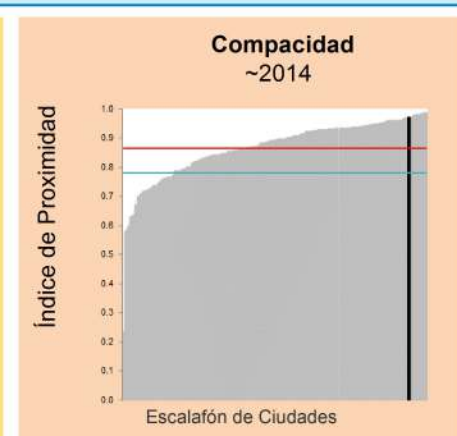
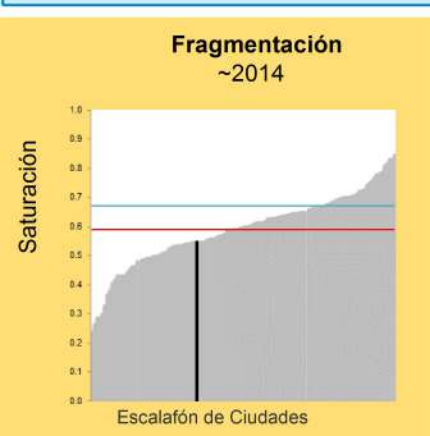
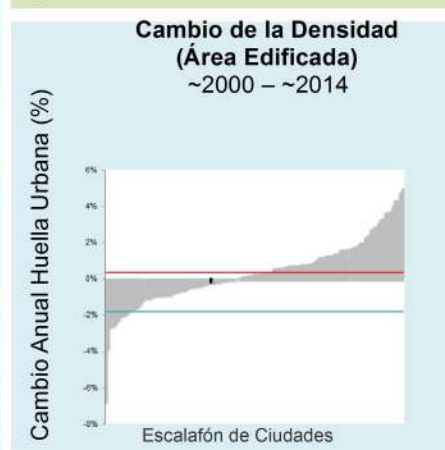
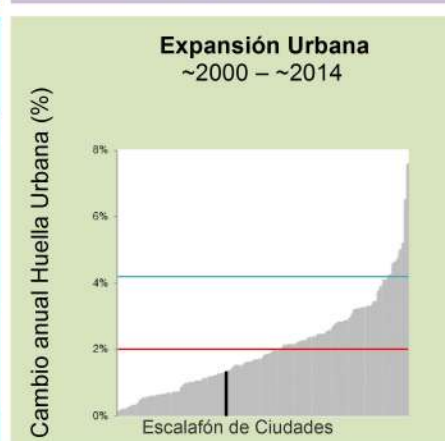


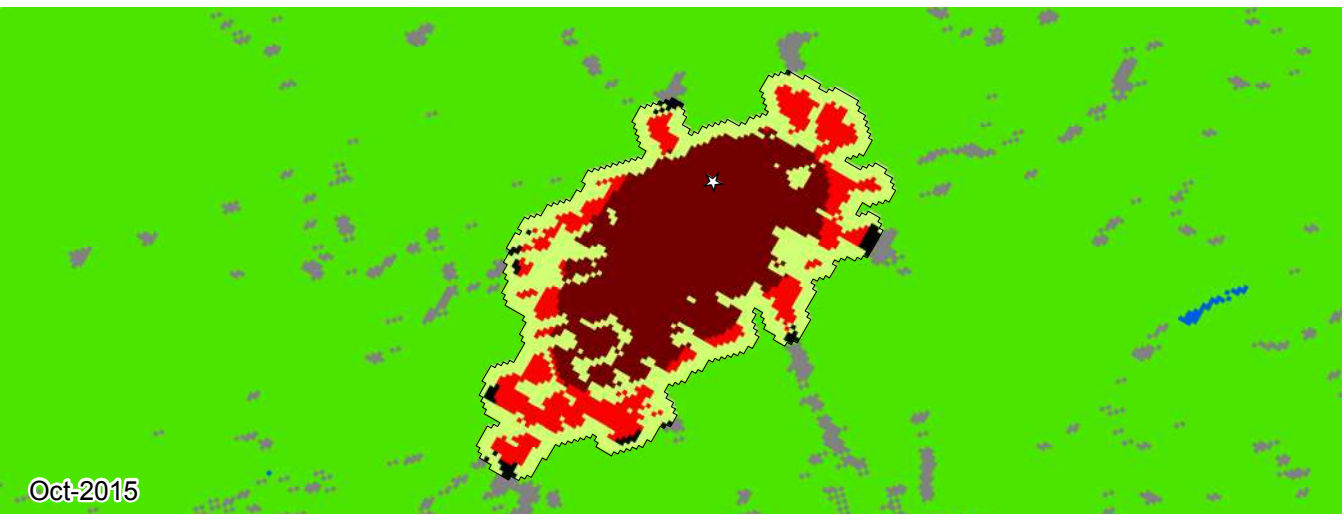
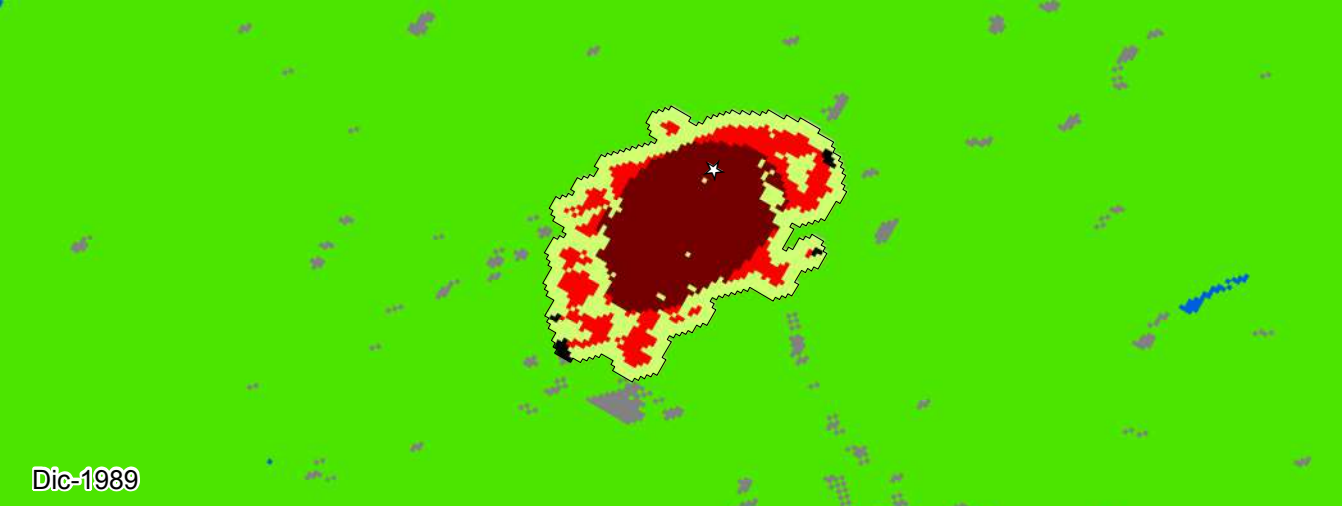
**Legenda**

- Socha |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —

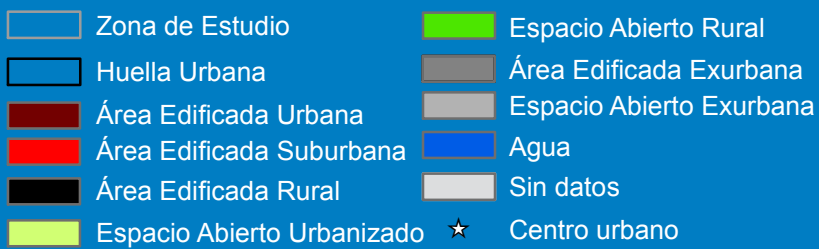


| Métrica                             | Mar 1991 | Feb 2000 | Ene 2016 | Cambio Anual % ('00-'16) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 3,068    | 3,820    | 4,552    | 1.1                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 39.7     | 47.8     | 63.3     | 1.8                      |
| Urbana                              | 0.0      | 0.0      | 19.1     | 0.0                      |
| Suburbana                           | 36.6     | 45.5     | 41.1     | -0.6                     |
| Rural                               | 3.1      | 2.3      | 3.1      | 1.7                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 38       | 45       | 52       | 0.8                      |
| Huella Urbana                       | 77       | 93       | 115      | 1.3                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 77.3     | 80.0     | 72.0     | -0.7                     |
| Densidad de la Huella Urbana        | 39.4     | 40.8     | 39.5     | -0.2                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.51     | 0.51     | 0.55     | 0.4                      |
| Índice de Apertura                  | 0.66     | 0.62     | 0.56     | -0.6                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.97     | 0.97     | 0.97     | 0.0                      |
| Cohesión                            | 0.96     | 0.96     | 0.96     | 0.0                      |
| Área Agregada (Hectáreas)           | '91-'00  | Porción  | '00-'16  | Porción                  |
| Relleno                             | 2.97     | 37.88%   | 5.94     | 40.68%                   |
| Extensión                           | 3.78     | 48.21%   | 6.48     | 44.38%                   |
| Crecimiento Discontinuo             | 0.09     | 1.15%    | 0.18     | 1.23%                    |
| Inclusión                           | 1.0      | 12.76%   | 2.0      | 13.7%                    |





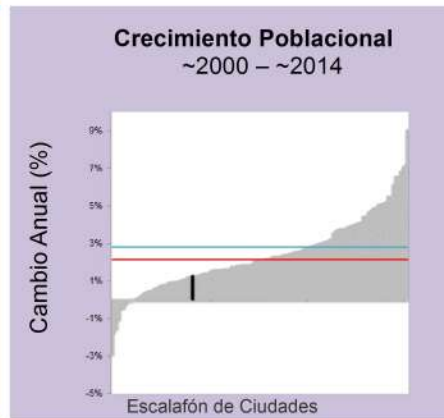
Socorro, Santander  
1989-2015



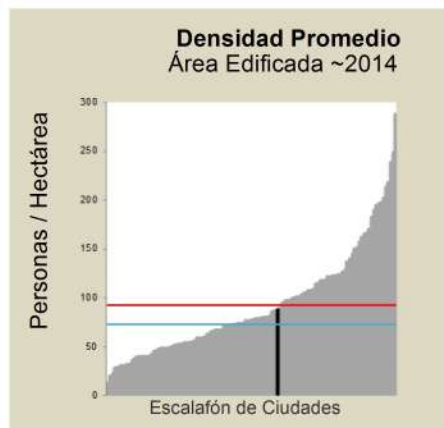
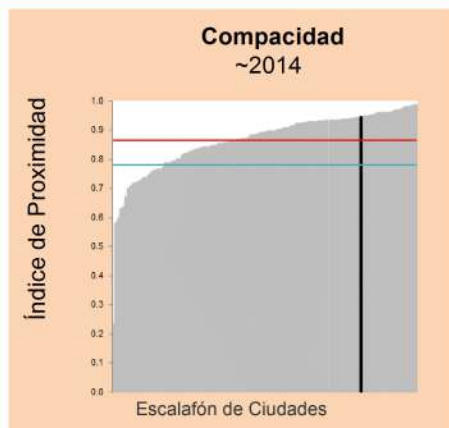
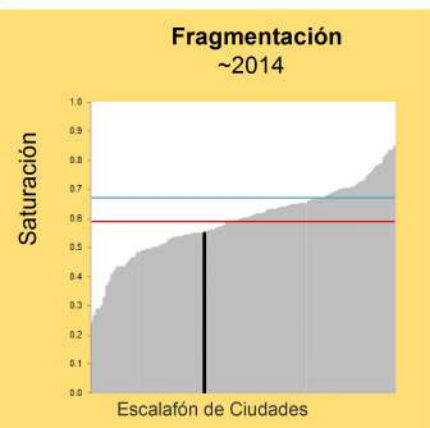
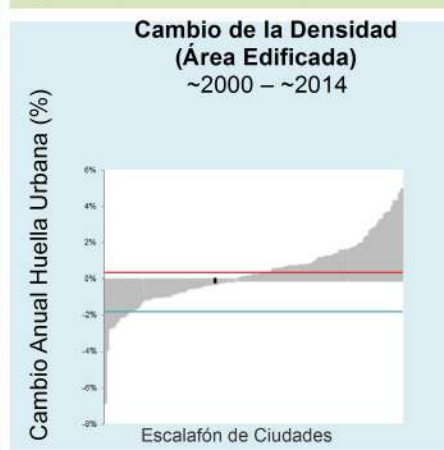
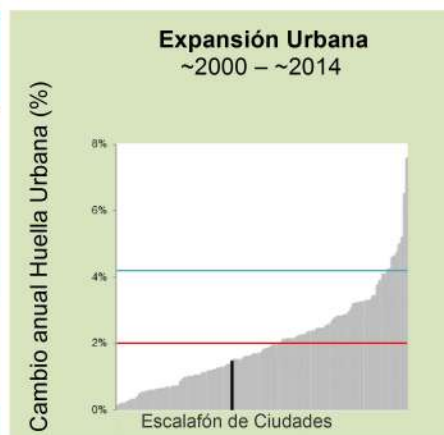


**Legenda**

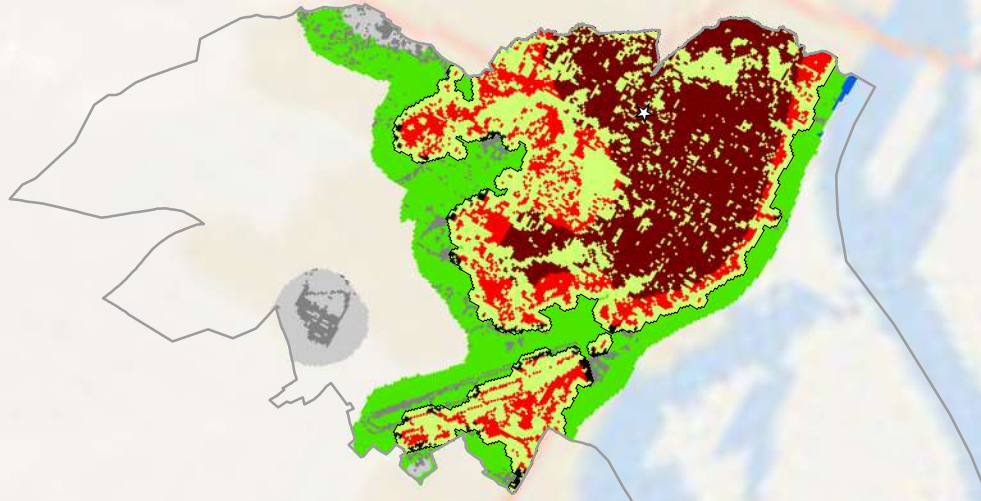
- Socorro |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



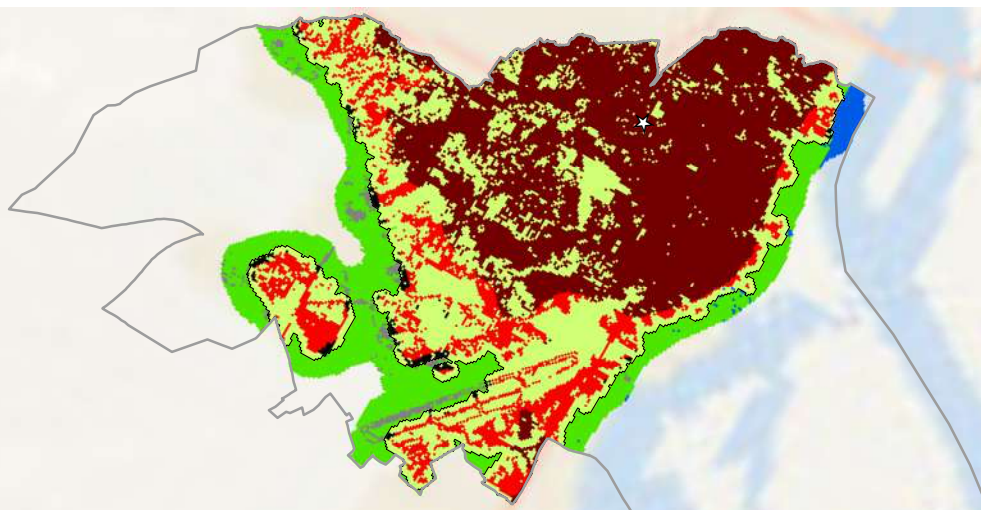
| Métrica                             | Dic 1989 | Ene 2001 | Oct 2015 | Cambio Anual % ('01-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 17,171   | 20,963   | 25,281   | 1.3                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 114.8    | 132.0    | 158.0    | 1.2                      |
| Urbana                              | 66.2     | 78.3     | 93.8     | 1.2                      |
| Suburbana                           | 42.9     | 50.0     | 57.9     | 1.0                      |
| Rural                               | 5.7      | 3.8      | 6.3      | 3.5                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 79       | 99       | 129      | 1.8                      |
| Huella Urbana                       | 194      | 231      | 287      | 1.5                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 149.5    | 158.8    | 160.1    | 0.1                      |
| Densidad de la Huella Urbana        | 88.3     | 90.4     | 88.0     | -0.2                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.59     | 0.57     | 0.55     | -0.2                     |
| Índice de Apertura                  | 0.47     | 0.46     | 0.45     | -0.0                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.95     | 0.96     | 0.94     | -0.1                     |
| Cohesión                            | 0.95     | 0.95     | 0.94     | -0.1                     |
| Área Agregada (Hectáreas)           | '89-'01  | Porción  | '01-'15  | Porción                  |
| Relleno                             | 5.76     | 34.37%   | 4.41     | 17.55%                   |
| Extensión                           | 8.73     | 52.09%   | 12.96    | 51.57%                   |
| Crecimiento Discontinuo             | 0.27     | 1.61%    | 5.76     | 22.92%                   |
| Inclusión                           | 2.0      | 11.93%   | 2.0      | 7.96%                    |



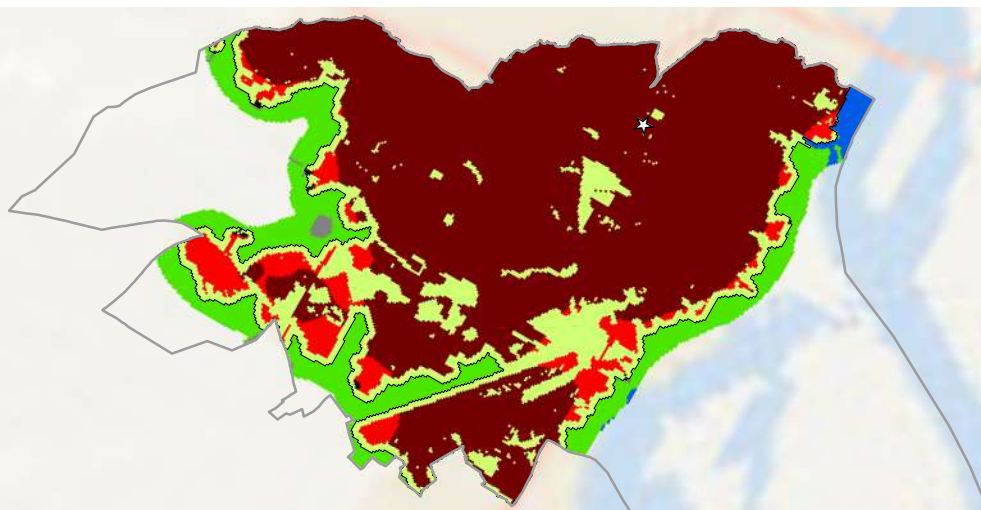




Mar-1991















Ene-2003

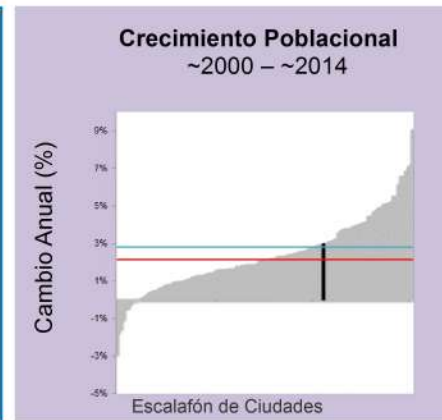


Mar-2015

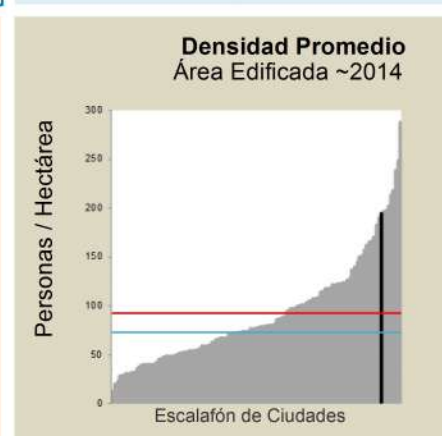
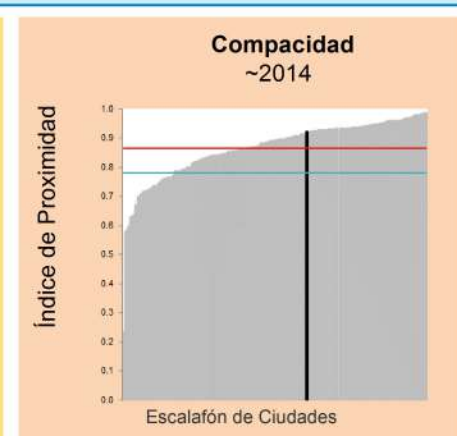
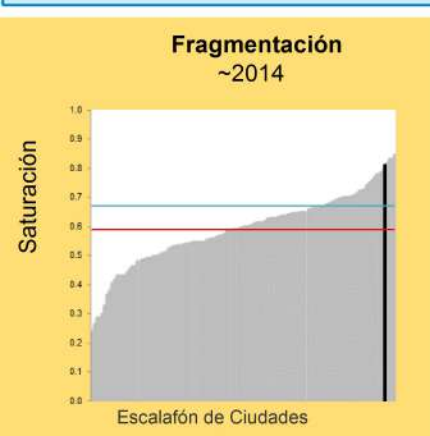
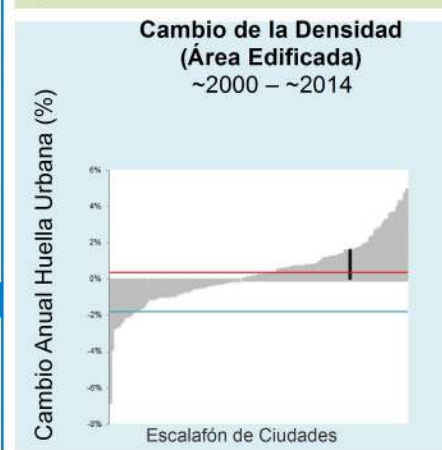
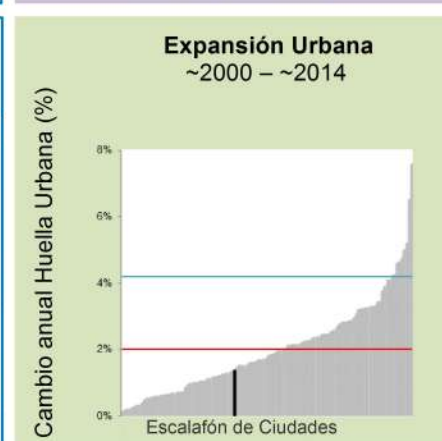
### Soledad, Atlántico 1991-2015

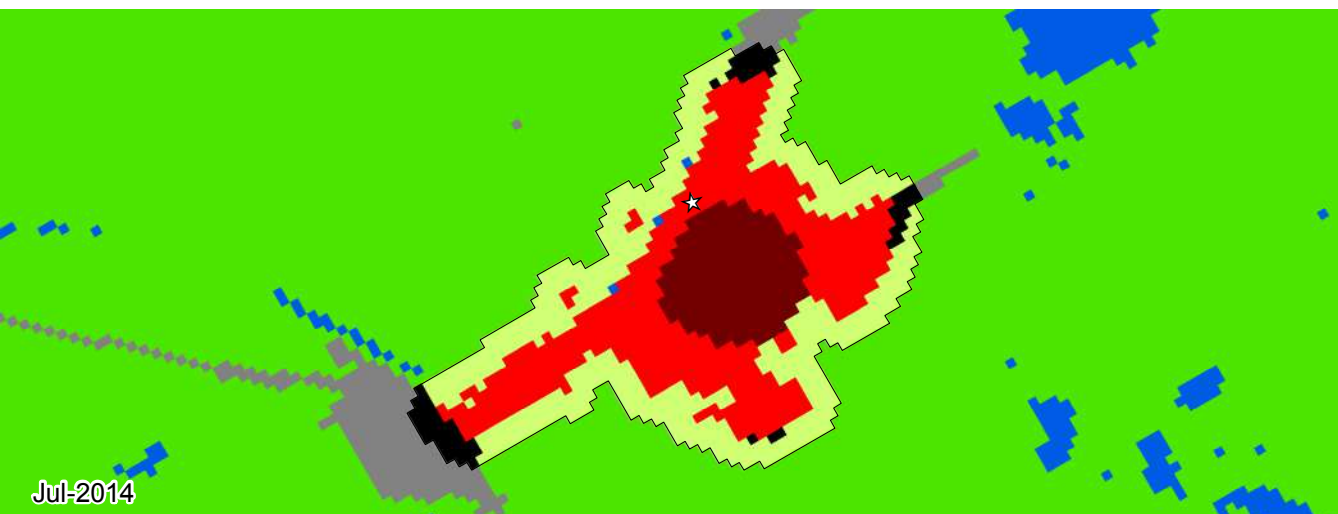
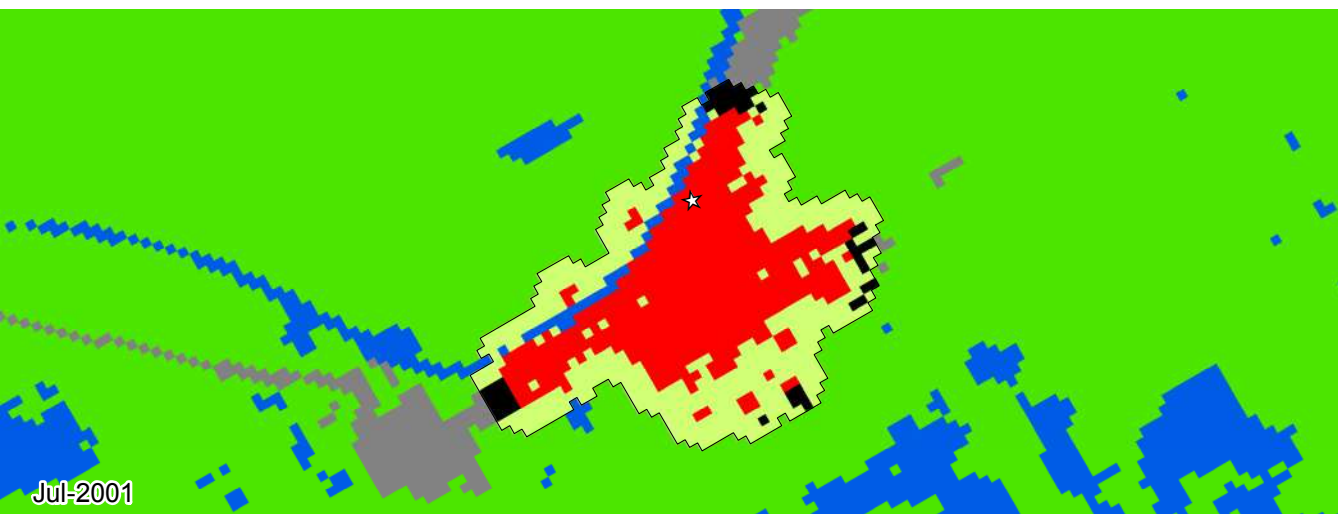
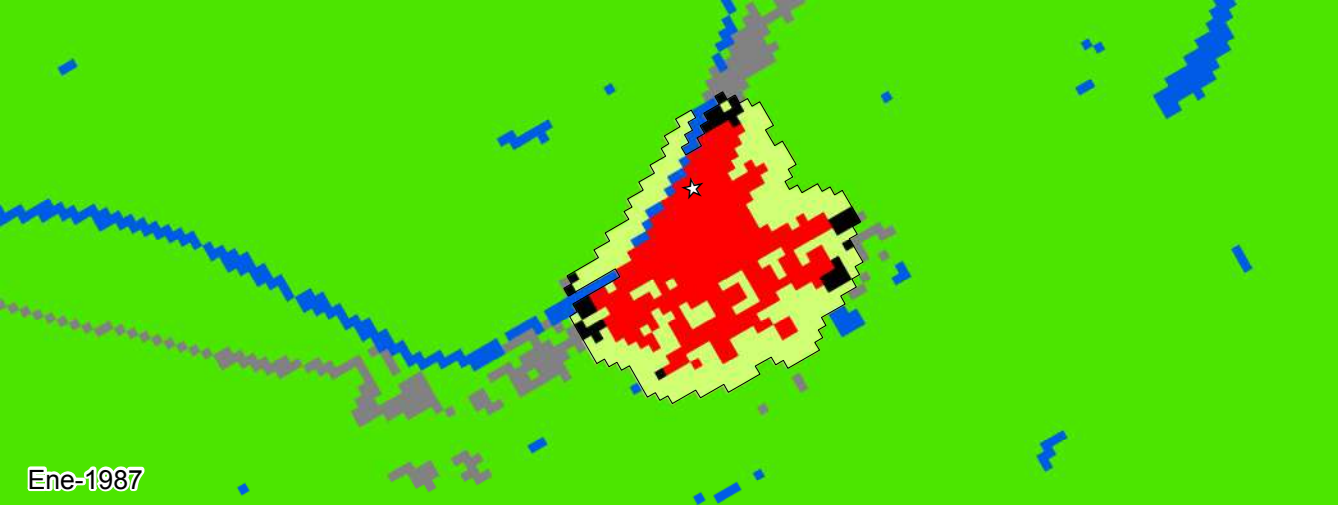


- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |   | Centro urbano            |















| Métrica                             | Mar 1991 | Ene 2003 | Mar 2015 | Cambio Anual % ('03-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 202,902  | 426,934  | 611,446  | 3.0                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 994.4    | 1,668.2  | 2,547.9  | 3.5                      |
| Urbana                              | 663.8    | 1,277.8  | 2,320.0  | 4.9                      |
| Suburbana                           | 304.8    | 362.7    | 223.9    | -4.0                     |
| Rural                               | 25.7     | 27.7     | 4.0      | -16.0                    |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 809      | 991      | 593      | -4.2                     |
| Huella Urbana                       | 1,803    | 2,660    | 3,141    | 1.4                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 204.0    | 255.9    | 240.0    | -0.5                     |
| Densidad de la Huella Urbana        | 112.5    | 160.5    | 194.6    | 1.6                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.55     | 0.63     | 0.81     | 2.1                      |
| Índice de Apertura                  | 0.40     | 0.31     | 0.17     | -5.1                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.90     | 0.92     | 0.92     | 0.1                      |
| Cohesión                            | 0.88     | 0.90     | 0.92     | 0.1                      |
| Área Agregada (Hectáreas)           | '91-'03  | Porción  | '03-'15  | Porción                  |
| Relleno                             | 294.57   | 43.74%   | 532.98   | 60.6%                    |
| Extensión                           | 173.16   | 25.71%   | 289.35   | 32.9%                    |
| Crecimiento Discontinuo             | 89.73    | 13.32%   | 3.15     | 0.36%                    |
| Inclusión                           | 116.0    | 17.22%   | 54.0     | 6.14%                    |





Sucre, Sucre  
1987-2014



- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |   | Centro urbano            |

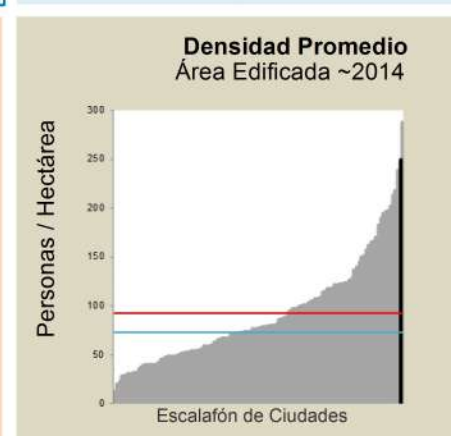
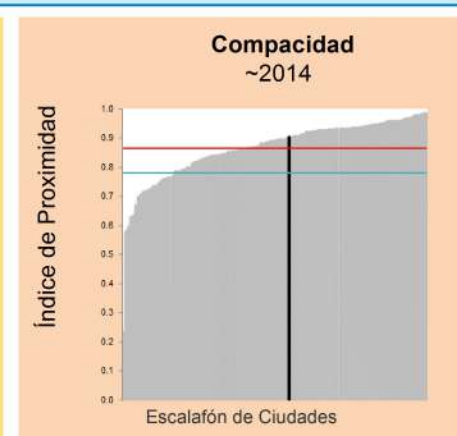
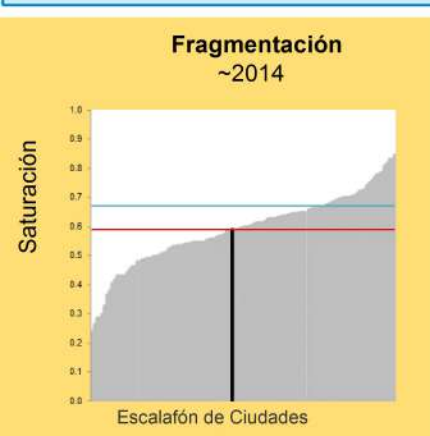
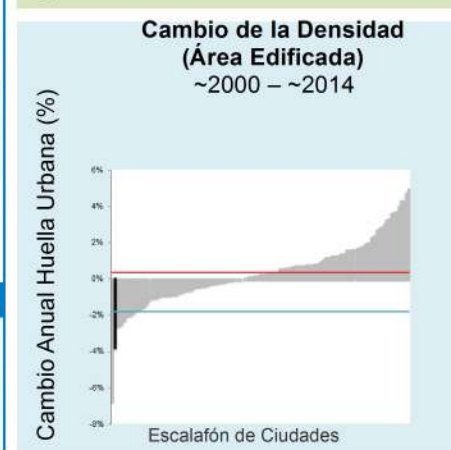
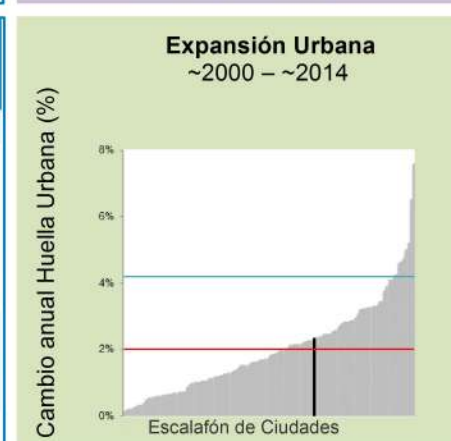


**Legenda**

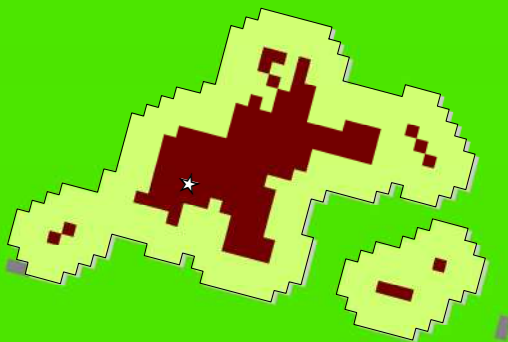
- Sucre |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



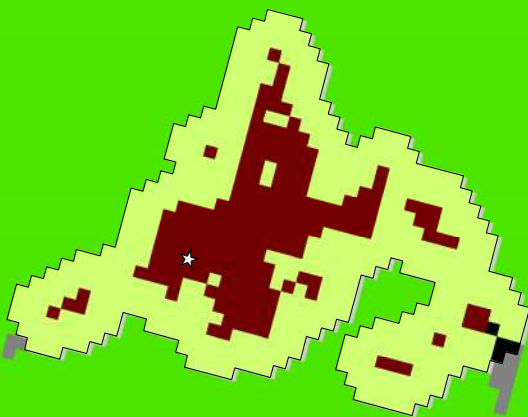
| Métrica                             | Ene 1987 | Jul 2001 | Jul 2014 | Cambio Anual % ('01-'14) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 10,712   | 36,427   | 29,939   | -1.5                     |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 31.9     | 46.7     | 71.0     | 3.2                      |
| Urbana                              | 0.0      | 0.0      | 17.7     | 0.0                      |
| Suburbana                           | 28.6     | 42.6     | 47.6     | 0.9                      |
| Rural                               | 3.2      | 4.1      | 5.7      | 2.4                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 28       | 42       | 49       | 1.2                      |
| Huella Urbana                       | 59       | 88       | 120      | 2.3                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 336.2    | 779.9    | 421.6    | -4.7                     |
| Densidad de la Huella Urbana        | 178.7    | 410.1    | 249.2    | -3.8                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.53     | 0.53     | 0.59     | 0.9                      |
| Índice de Apertura                  | 0.69     | 0.65     | 0.58     | -0.8                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.98     | 0.94     | 0.90     | -0.3                     |
| Cohesión                            | 0.97     | 0.93     | 0.89     | -0.3                     |
| Área Agregada (Hectáreas)           | '87-'01  | Porción  | '01-'14  | Porción                  |
| Relleno                             | 4.32     | 30.66%   | 6.48     | 26.8%                    |
| Extensión                           | 3.42     | 24.27%   | 11.61    | 48.01%                   |
| Crecimiento Discontinuo             | 1.35     | 9.58%    | 0.09     | 0.37%                    |
| Inclusión                           | 5.0      | 35.49%   | 6.0      | 24.81%                   |



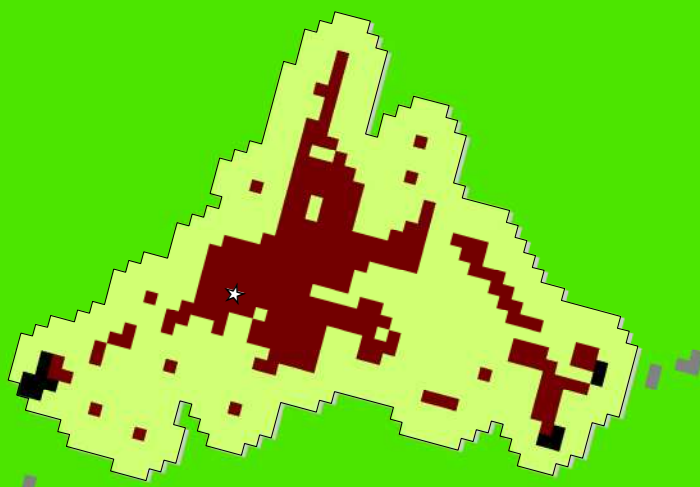
Sep-1992



Ene-2003

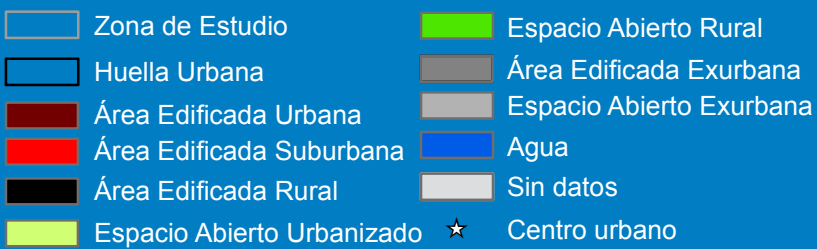


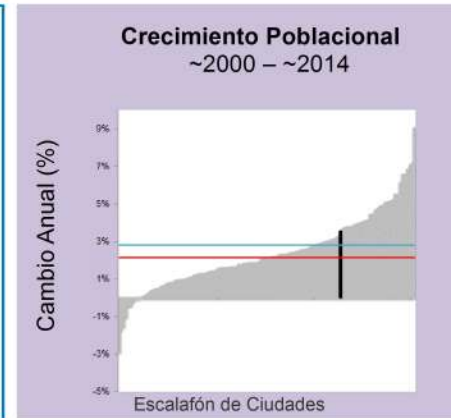
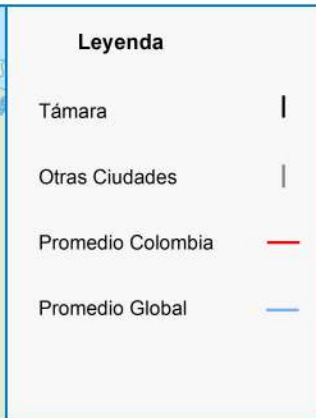
Abr-2016



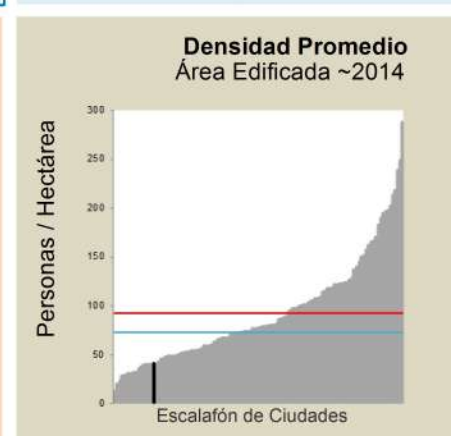
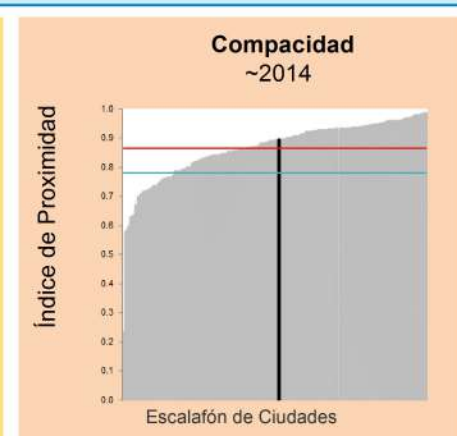
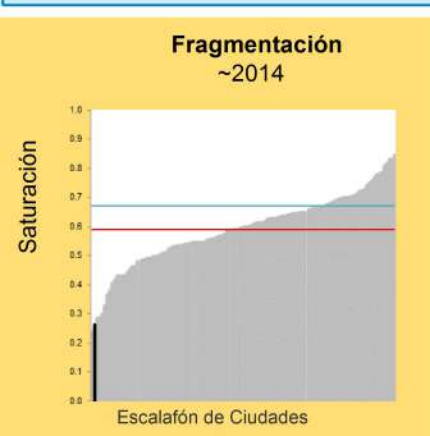
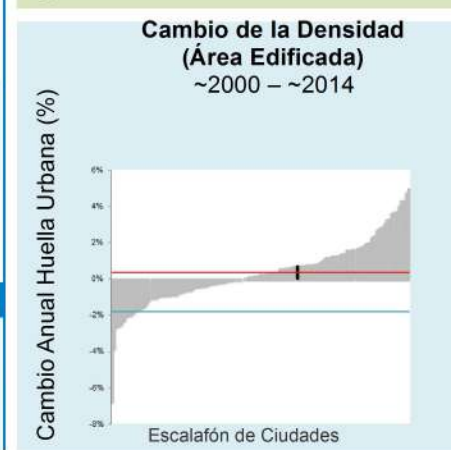
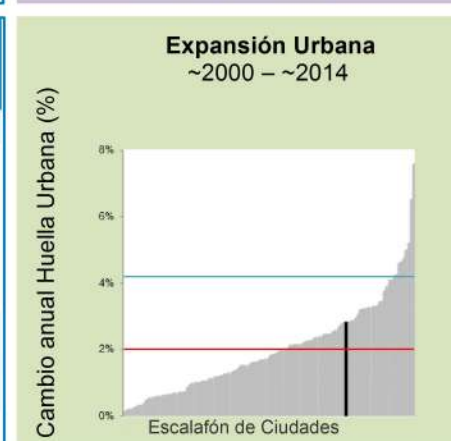
Támara, Casanare  
1992-2016

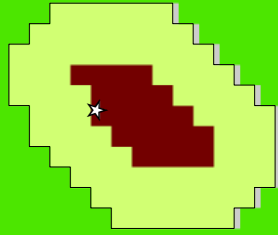
0 0.25 0.5 0.75 km



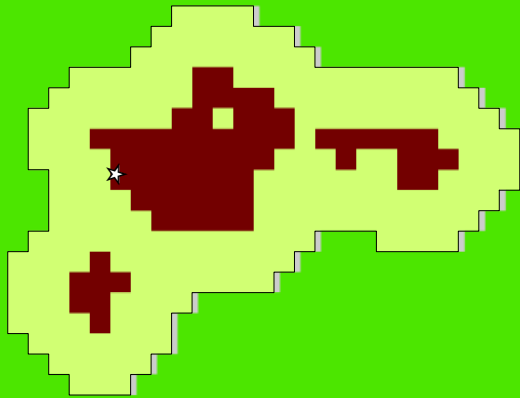


| Métrica                             | Sep 1992 | Ene 2003 | Abr 2016 | Cambio Anual % ('03-'16) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 1,523    | 2,241    | 3,584    | 3.5                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 12.1     | 17.1     | 23.1     | 2.3                      |
| Urbana                              | 12.1     | 16.7     | 22.1     | 2.1                      |
| Suburbana                           | 0.0      | 0.0      | 0.0      | 0.0                      |
| Rural                               | 0.0      | 0.4      | 1.1      | 8.3                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 34       | 43       | 64       | 3.0                      |
| Huella Urbana                       | 46       | 60       | 87       | 2.8                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 126.3    | 131.1    | 155.0    | 1.3                      |
| Densidad de la Huella Urbana        | 32.9     | 37.2     | 40.9     | 0.7                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.26     | 0.28     | 0.26     | -0.5                     |
| Índice de Apertura                  | 0.88     | 0.84     | 0.83     | -0.1                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.86     | 0.90     | 0.90     | -0.0                     |
| Cohesión                            | 0.84     | 0.88     | 0.88     | 0.0                      |
| Área Agregada (Hectáreas)           | '92-'03  | Porción  | '03-'16  | Porción                  |
| Relleno                             | 1.17     | 19.37%   | 0.54     | 6.64%                    |
| Extensión                           | 3.87     | 64.07%   | 4.14     | 50.92%                   |
| Crecimiento Discontinuo             | 0.0      | 0.0%     | 0.45     | 5.54%                    |
| Inclusión                           | 1.0      | 16.56%   | 3.0      | 36.9%                    |

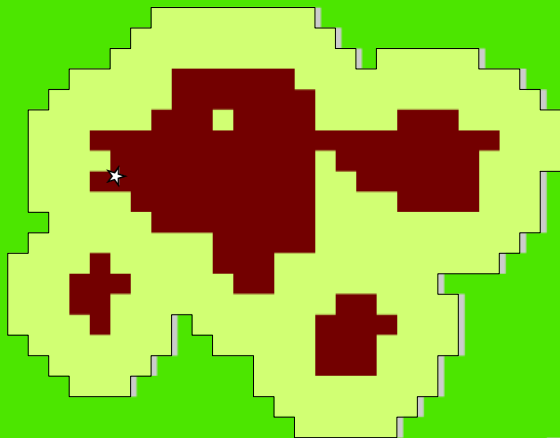




Abr-1990

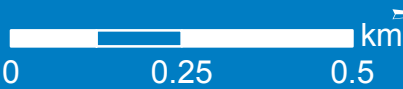














Sep-1999



Ene-2016

### Taraira, Vaupés 1990-2016

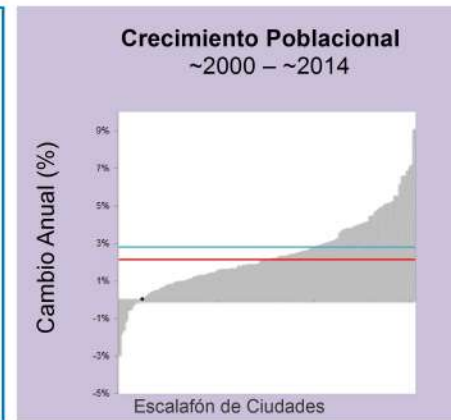


- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |  | Centro urbano            |

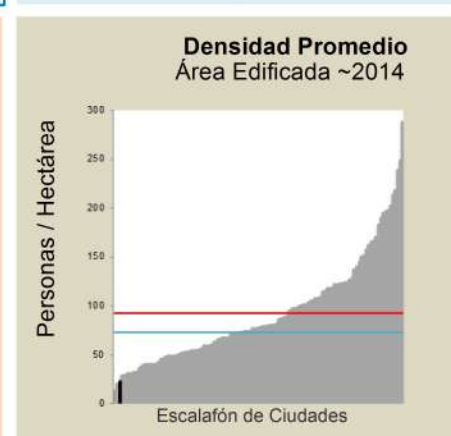
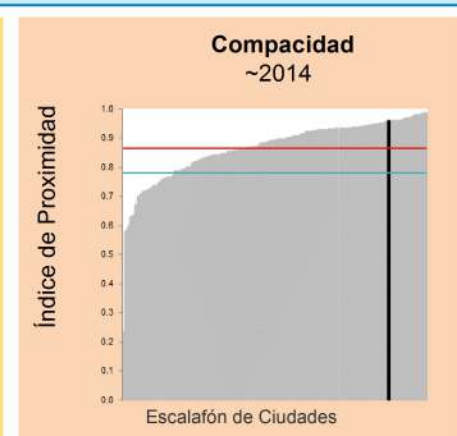
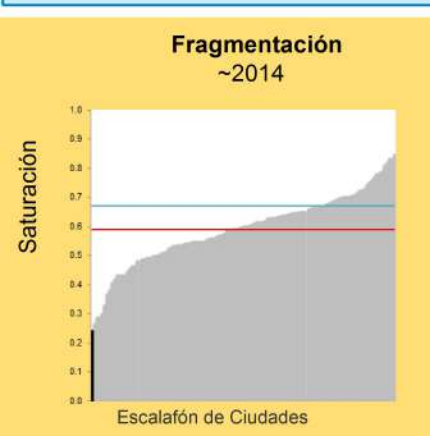
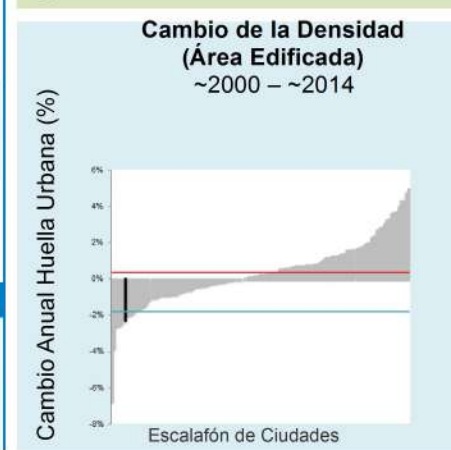
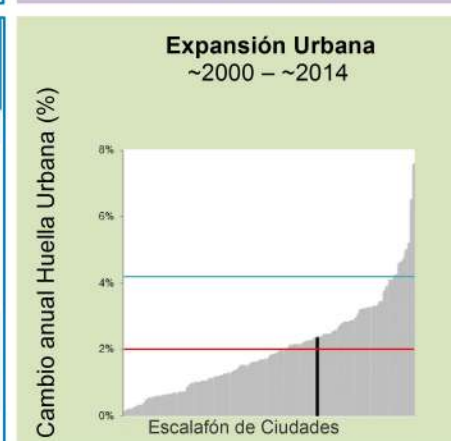


**Legenda**

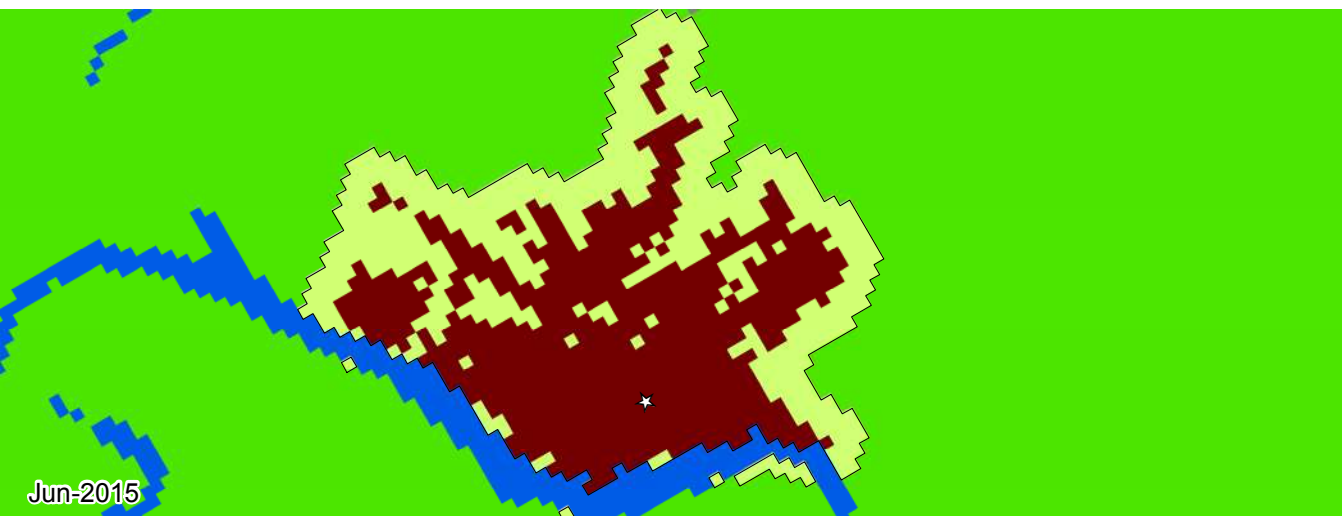
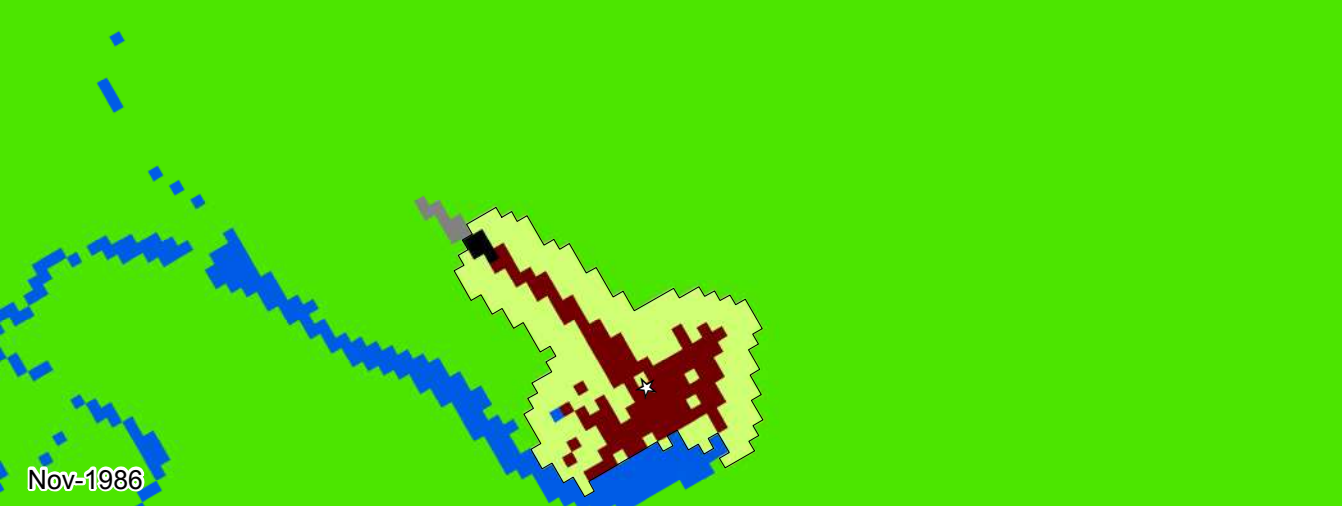
- Taraira |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



| Métrica                             | Abr 1990 | Sep 1999 | Ene 2016 | Cambio Anual % ('99-'16) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 848      | 820      | 827      | 0.1                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 2.0      | 5.9      | 11.4     | 4.0                      |
| Urbana                              | 8.6      | 47.8     | 58.1     | 1.2                      |
| Suburbana                           | 0.0      | 0.0      | 0.0      | 0.0                      |
| Rural                               | 0.1      | 0.9      | 1.4      | 2.9                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 29       | 140      | 151      | 0.5                      |
| Huella Urbana                       | 9        | 24       | 36       | 2.3                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 428.4    | 138.1    | 72.4     | -4.0                     |
| Densidad de la Huella Urbana        | 88.9     | 33.3     | 22.9     | -2.3                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.12     | 0.18     | 0.24     | 1.9                      |
| Índice de Apertura                  | 0.98     | 0.94     | 0.88     | -0.3                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.98     | 0.90     | 0.96     | -0.3                     |
| Cohesión                            | 0.91     | 0.86     | 0.94     | -0.2                     |
| Área Agregada (Hectáreas)           | '90-'99  | Porción  | '99-'16  | Porción                  |
| Relleno                             | 0.09     | 0.49%    | 0.99     | 15.07%                   |
| Extensión                           | 2.79     | 15.31%   | 3.42     | 52.05%                   |
| Crecimiento Discontinuo             | 1.08     | 5.93%    | 1.08     | 16.44%                   |
| Inclusión                           | 13.0     | 71.35%   | 0.0      | 0.0%                     |



















Timbiquí, Cauca  
1986-2015

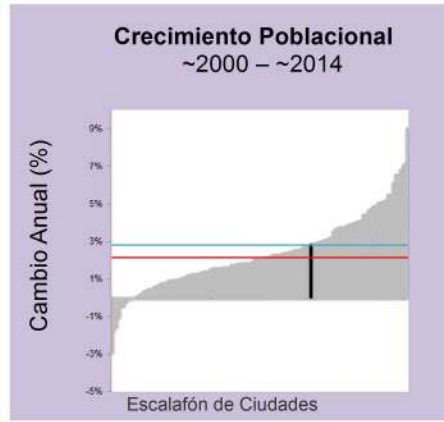


- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |   | Centro urbano            |

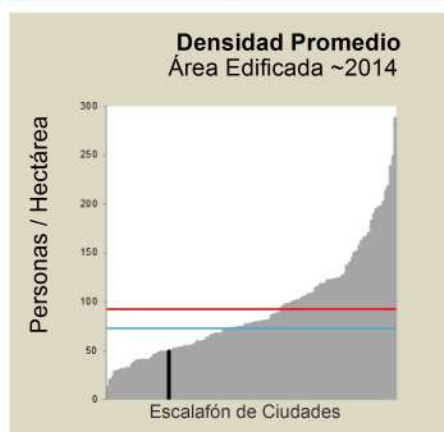
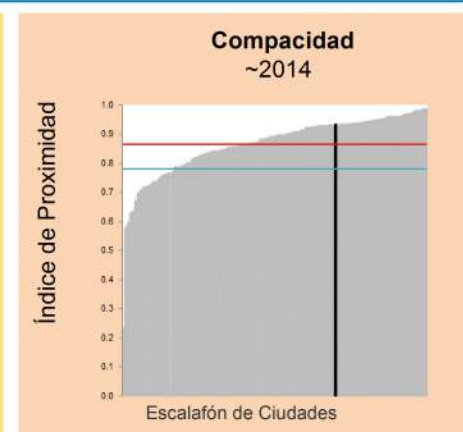
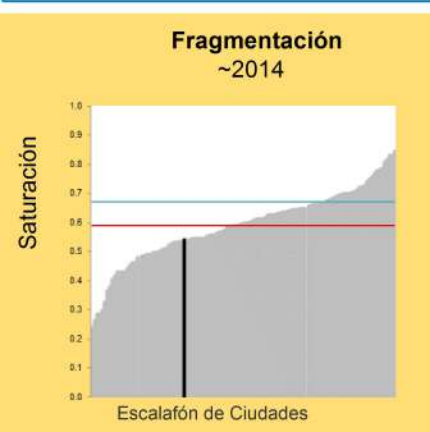
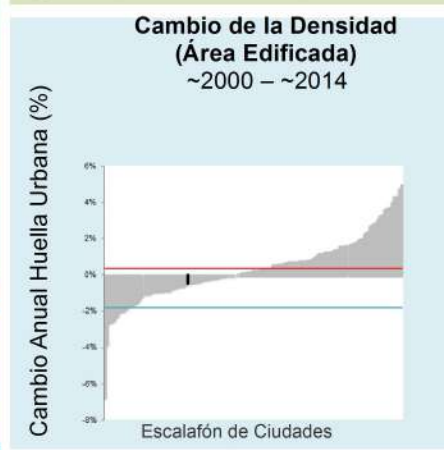
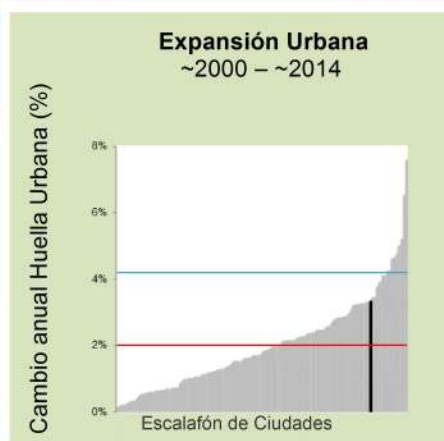


**Legenda**

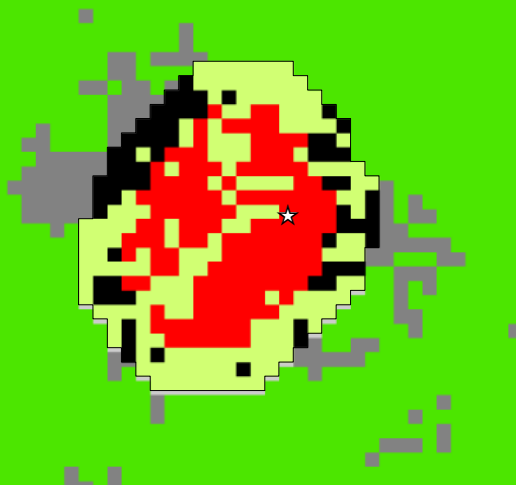
- Timbiquí |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



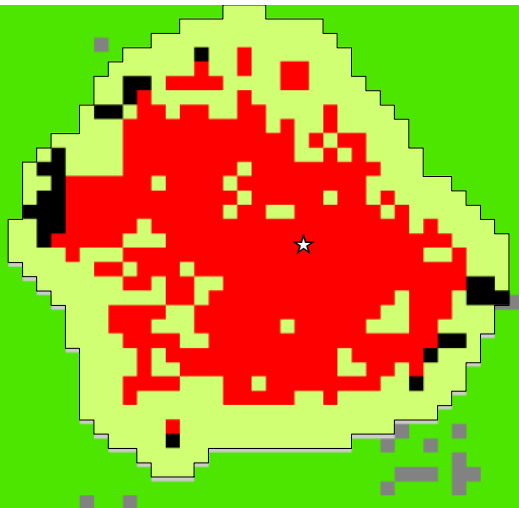
| Métrica                             | Nov 1986 | Abr 1998 | Jun 2015 | Cambio Anual % ('98-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 2,563    | 3,256    | 5,292    | 2.8                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 10.3     | 24.7     | 57.6     | 4.9                      |
| Urbana                              | 9.9      | 24.2     | 57.6     | 5.0                      |
| Suburbana                           | 0.0      | 0.0      | 0.0      | 0.0                      |
| Rural                               | 0.5      | 0.5      | 0.0      | 0.0                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 21       | 35       | 48       | 1.9                      |
| Huella Urbana                       | 31       | 60       | 106      | 3.3                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 247.7    | 132.1    | 91.9     | -2.1                     |
| Densidad de la Huella Urbana        | 80.9     | 54.1     | 49.7     | -0.5                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.33     | 0.41     | 0.54     | 1.6                      |
| Índice de Apertura                  | 0.90     | 0.79     | 0.61     | -1.5                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.91     | 0.90     | 0.93     | 0.2                      |
| Cohesión                            | 0.88     | 0.88     | 0.92     | 0.2                      |
| Área Agregada (Hectáreas)           | '86-'98  | Porción  | '98-'15  | Porción                  |
| Relleno                             | 3.15     | 23.18%   | 5.67     | 17.36%                   |
| Extensión                           | 10.08    | 74.17%   | 26.28    | 80.44%                   |
| Crecimiento Discontinuo             | 0.36     | 2.65%    | 0.72     | 2.2%                     |
| Inclusión                           | 0.0      | 0.0%     | 0.0      | 0.0%                     |



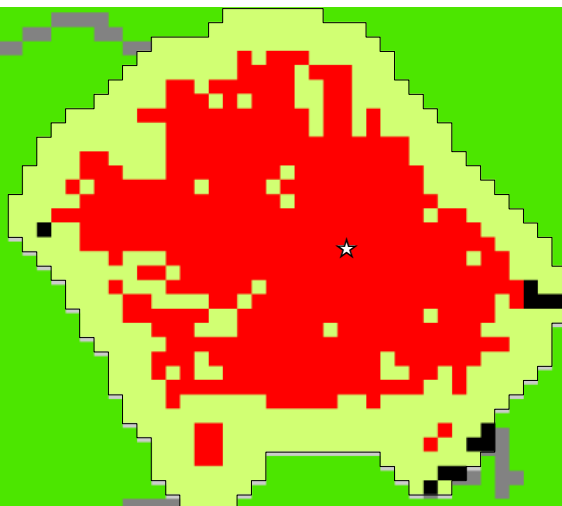
Mar-1991



Ene-1999















Mar-2011



Tubará, Atlántico  
1991-2011

0 0.25 0.5 0.75 km



- |  |   |
|--|---|
|  Zona de Estudio            |  Espacio Abierto Rural    |
|  Huella Urbana              |  Área Edificada Exurbana  |
|  Área Edificada Urbana      |  Espacio Abierto Exurbana |
|  Área Edificada Suburbana   |  Agua                     |
|  Área Edificada Rural       |  Sin datos                |
|  Espacio Abierto Urbanizado |  Centro urbano             |

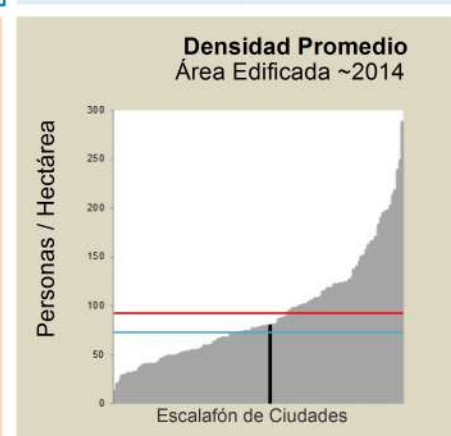
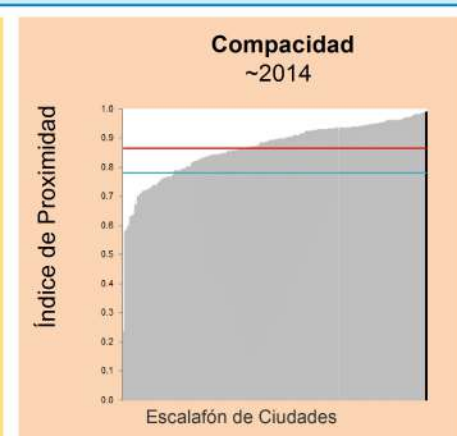
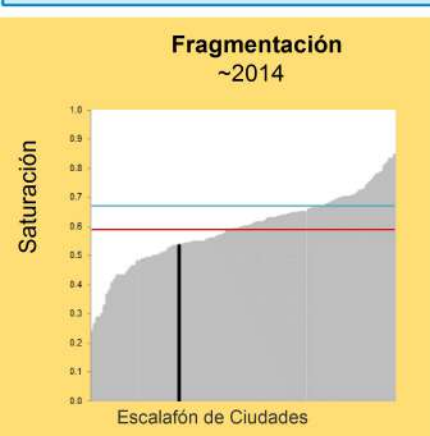
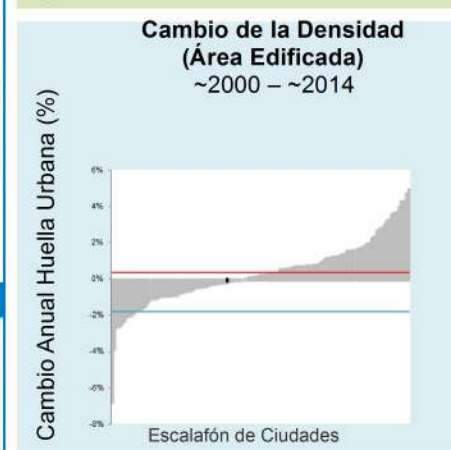
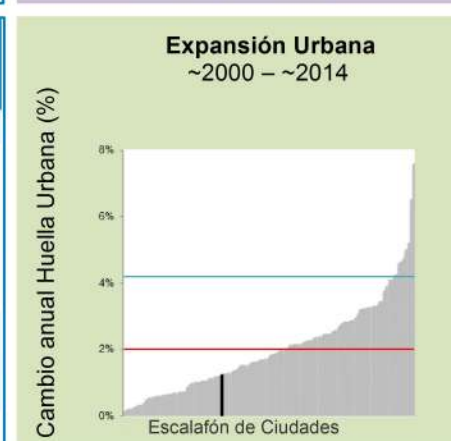


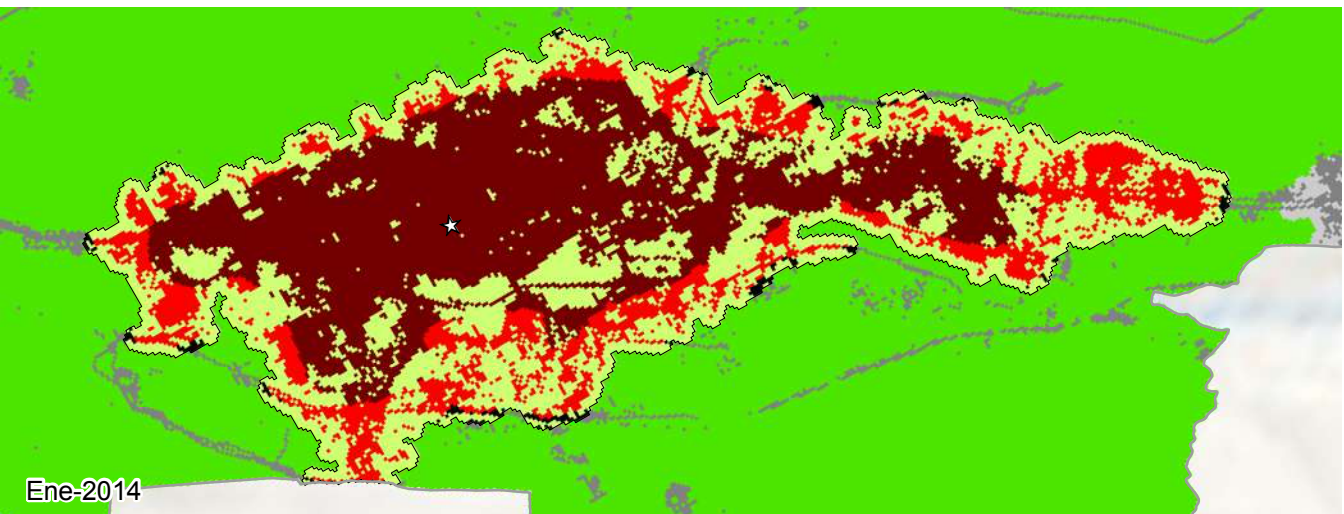
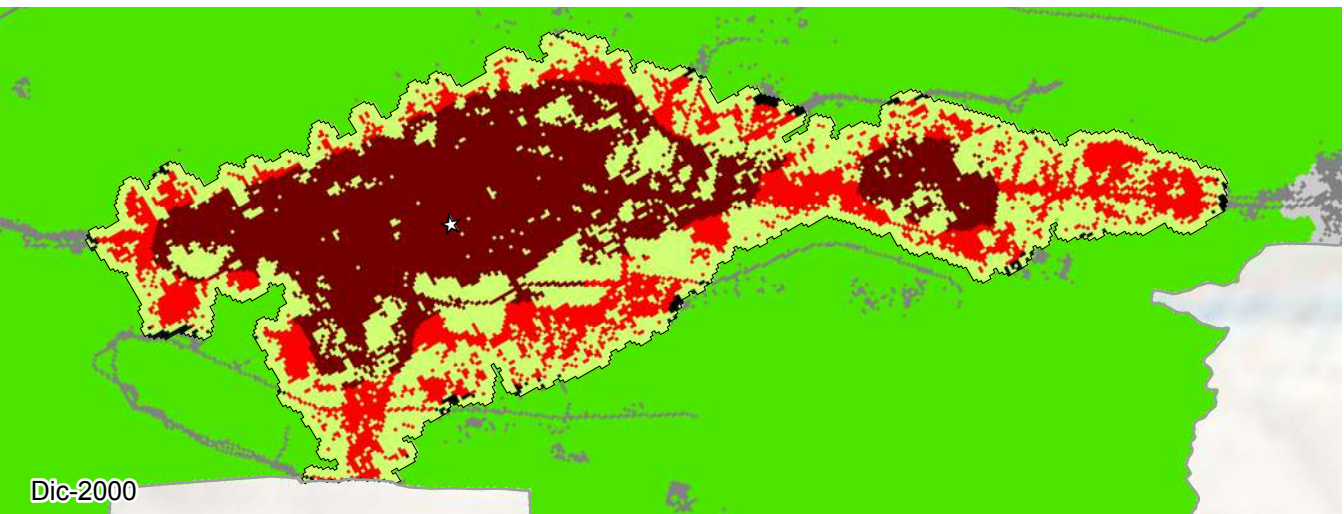
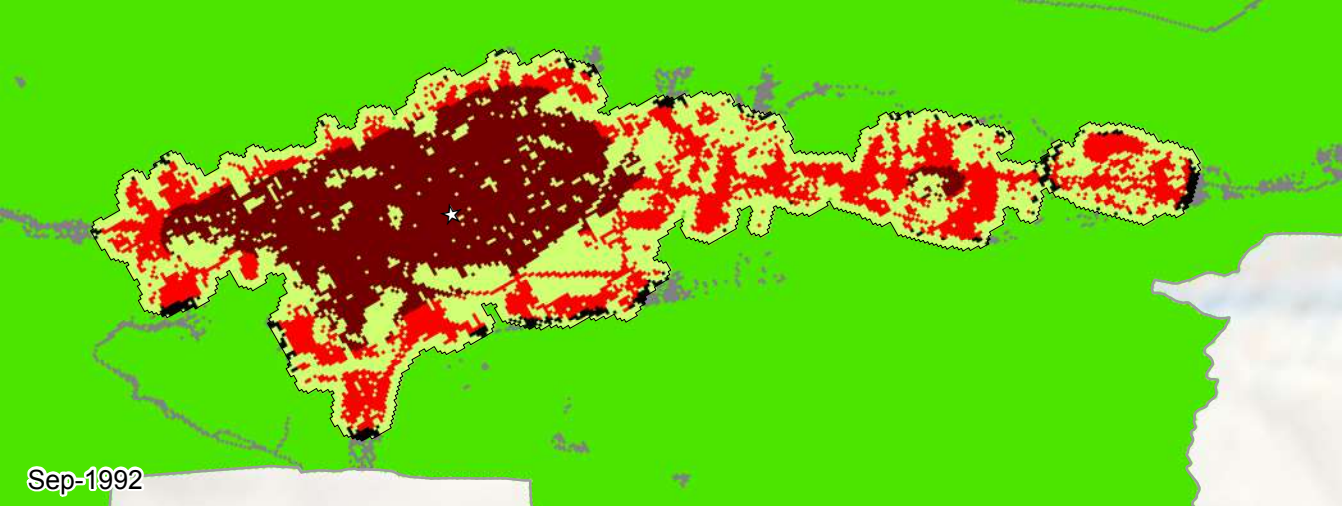
**Legenda**

- Tubará |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —















| Métrica                             | Mar 1991 | Ene 1999 | Mar 2011 | Cambio Anual % ('99-'11) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 5,168    | 5,761    | 6,567    | 1.1                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 18.1     | 37.0     | 44.0     | 1.4                      |
| Urbana                              | 0.0      | 0.0      | 0.0      | 0.0                      |
| Suburbana                           | 12.3     | 34.5     | 43.0     | 1.8                      |
| Rural                               | 5.8      | 2.5      | 1.0      | -7.7                     |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 14       | 33       | 38       | 1.0                      |
| Huella Urbana                       | 32       | 70       | 82       | 1.2                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 285.7    | 155.7    | 149.2    | -0.4                     |
| Densidad de la Huella Urbana        | 158.2    | 81.3     | 80.0     | -0.1                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.55     | 0.52     | 0.54     | 0.2                      |
| Índice de Apertura                  | 0.74     | 0.67     | 0.62     | -0.7                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.99     | 0.99     | 0.99     | 0.0                      |
| Cohesión                            | 0.97     | 0.97     | 0.97     | 0.0                      |
| Área Agregada (Hectáreas)           | '91-'99  | Porción  | '99-'11  | Porción                  |
| Relleno                             | 2.52     | 13.73%   | 4.41     | 69.01%                   |
| Extensión                           | 6.48     | 35.31%   | 1.98     | 30.99%                   |
| Crecimiento Discontinuo             | 1.35     | 7.36%    | 0.0      | 0.0%                     |
| Inclusión                           | 8.0      | 43.6%    | 0.0      | 0.0%                     |





Gran Tunja, Boyacá  
1992-2014

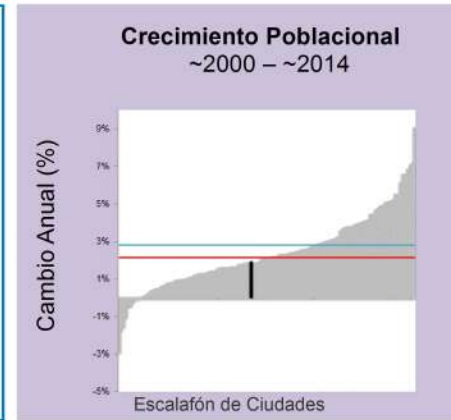


- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |   | Centro urbano            |

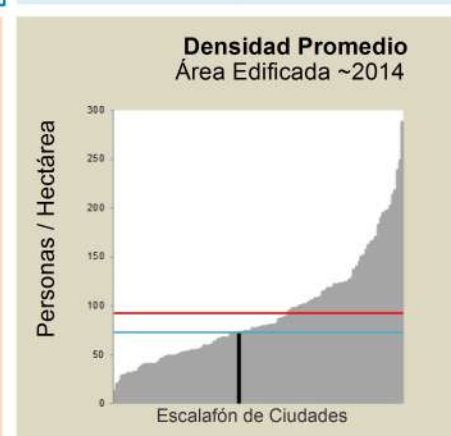
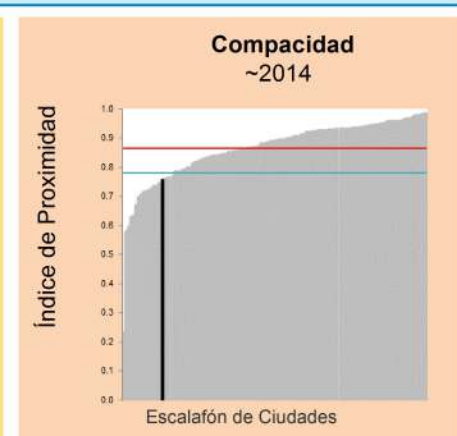
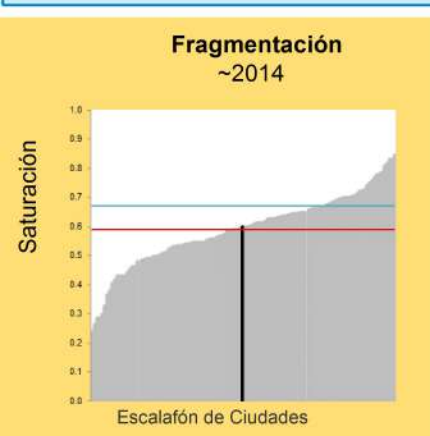
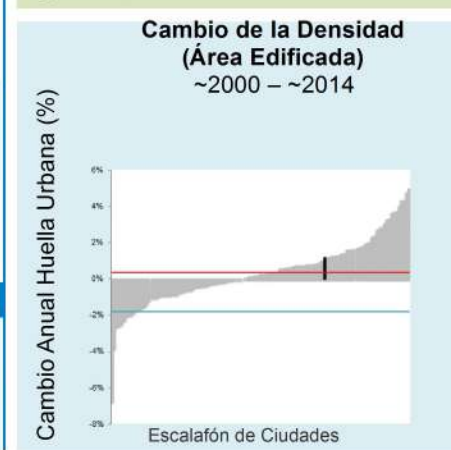
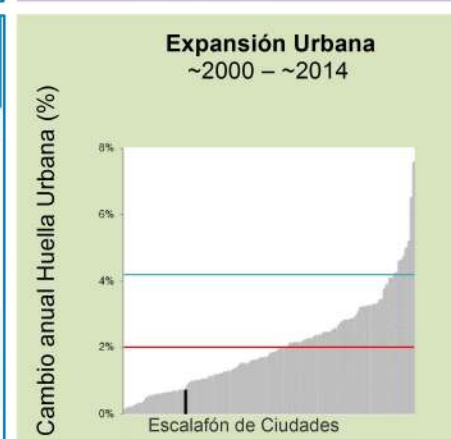


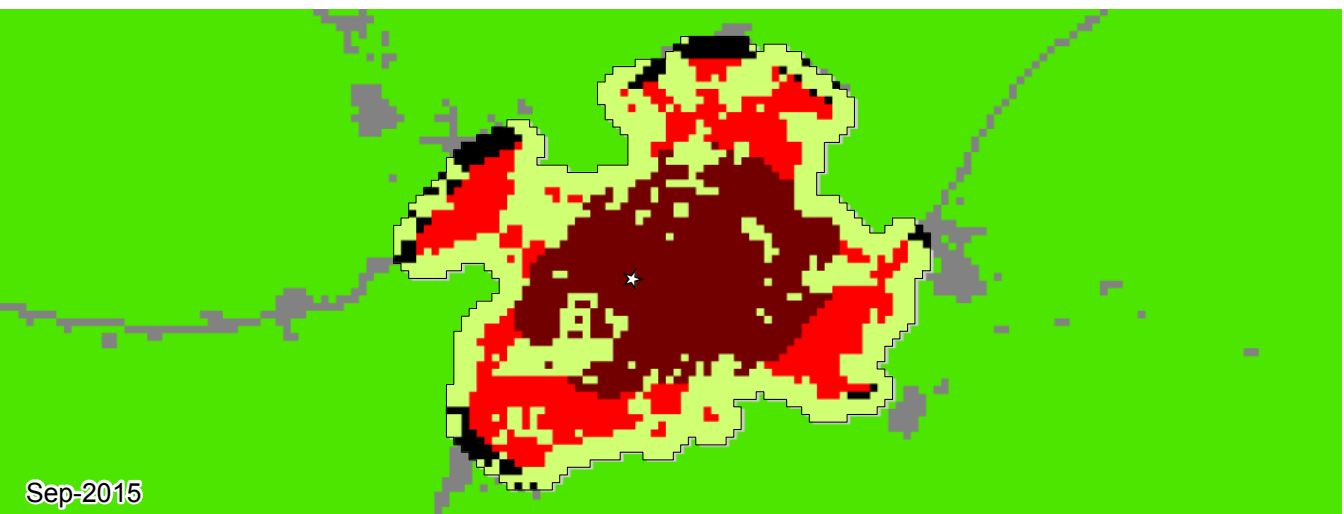
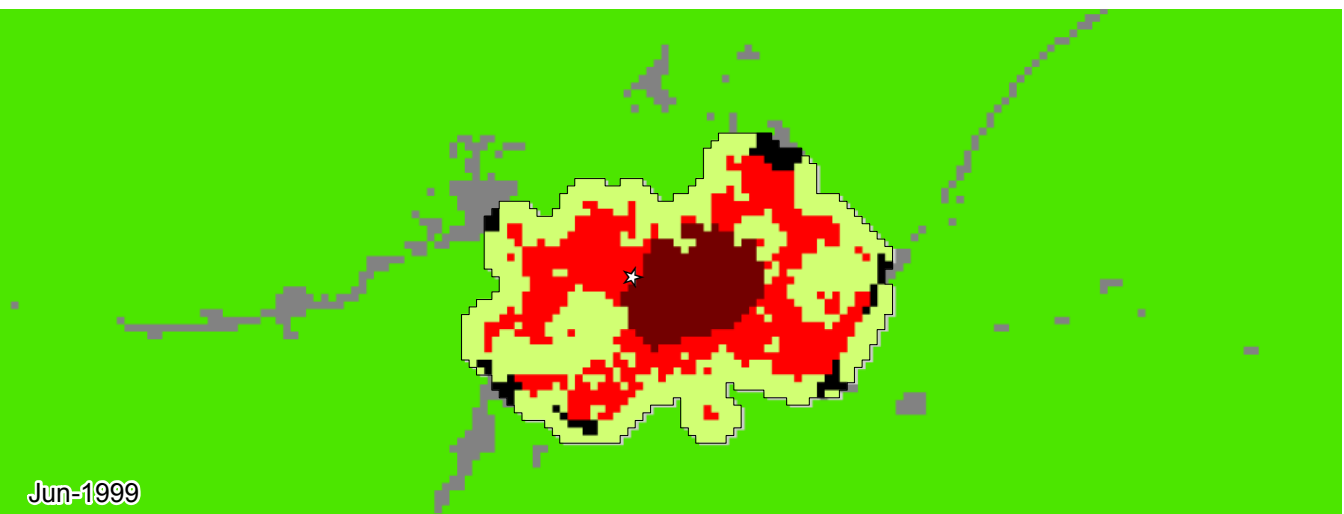
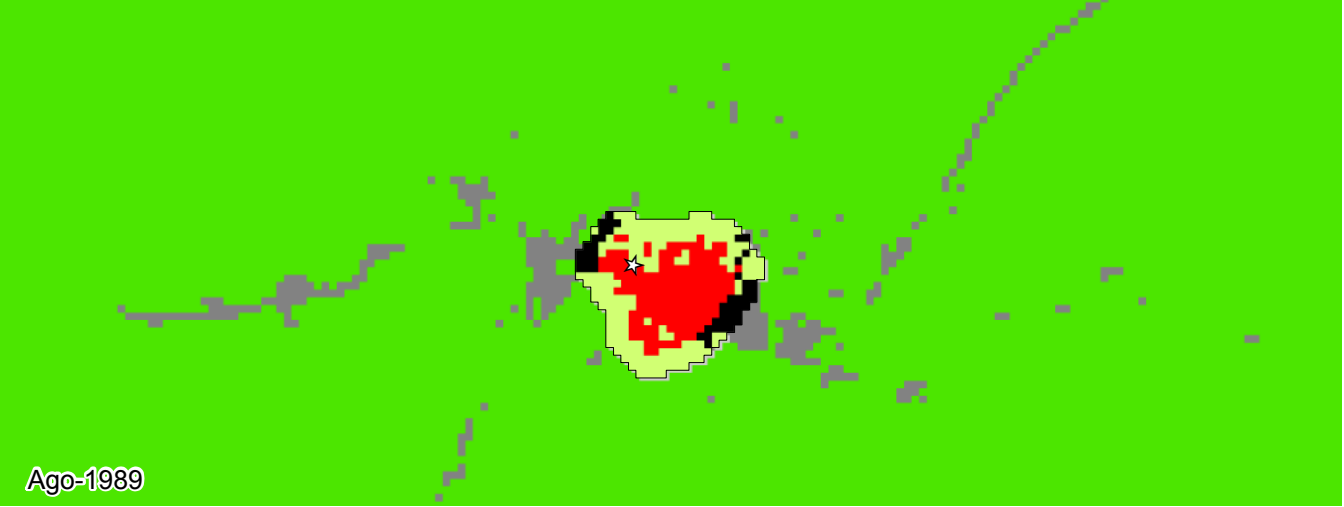
**Legenda**

- Gran Tunja |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



| Métrica                             | Sep 1992 | Dic 2000 | Ene 2014 | Cambio Anual % ('00-'14) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 101,442  | 118,100  | 150,704  | 1.9                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 845.7    | 1,108.7  | 1,264.8  | 1.0                      |
| Urbana                              | 459.3    | 708.5    | 887.1    | 1.7                      |
| Suburbana                           | 354.5    | 383.9    | 358.1    | -0.5                     |
| Rural                               | 31.9     | 16.4     | 19.5     | 1.3                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 650      | 814      | 848      | 0.3                      |
| Huella Urbana                       | 1,495    | 1,923    | 2,113    | 0.7                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 119.9    | 106.5    | 119.2    | 0.9                      |
| Densidad de la Huella Urbana        | 67.8     | 61.4     | 71.3     | 1.1                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.57     | 0.58     | 0.60     | 0.3                      |
| Índice de Apertura                  | 0.43     | 0.39     | 0.37     | -0.4                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.67     | 0.73     | 0.76     | 0.3                      |
| Cohesión                            | 0.66     | 0.71     | 0.75     | 0.4                      |
| Área Agregada (Hectáreas)           | '92-'00  | Porción  | '00-'14  | Porción                  |
| Relleno                             | 107.91   | 41.14%   | 83.25    | 53.66%                   |
| Extensión                           | 96.57    | 36.82%   | 38.88    | 25.06%                   |
| Crecimiento Discontinuo             | 20.79    | 7.93%    | 8.01     | 5.16%                    |
| Inclusión                           | 37.0     | 14.11%   | 25.0     | 16.11%                   |

















Valle del Guamuez, Putumayo  
1989-2015

0 0.5 1 km

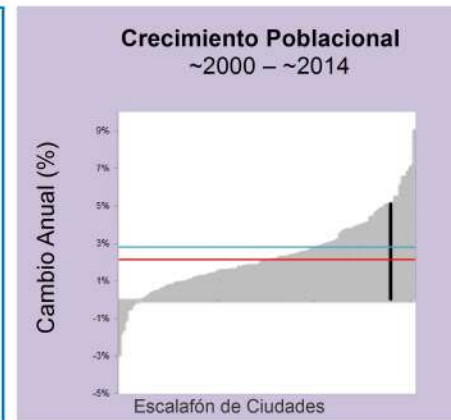


- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |  | Centro urbano            |

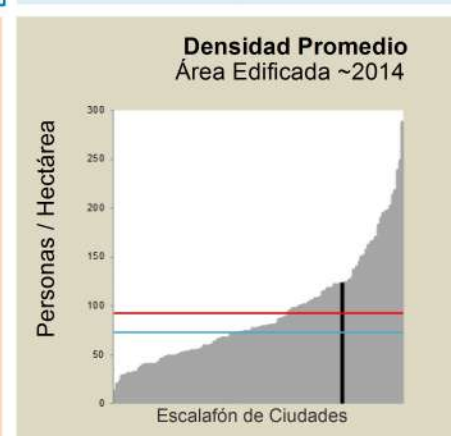
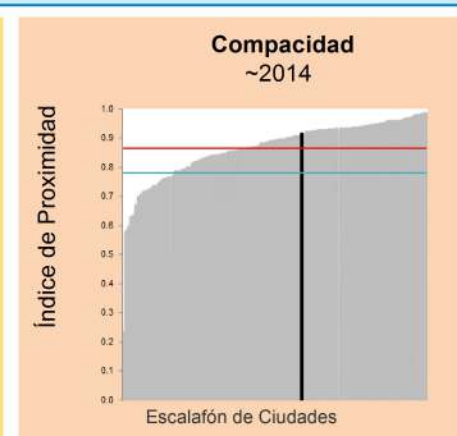
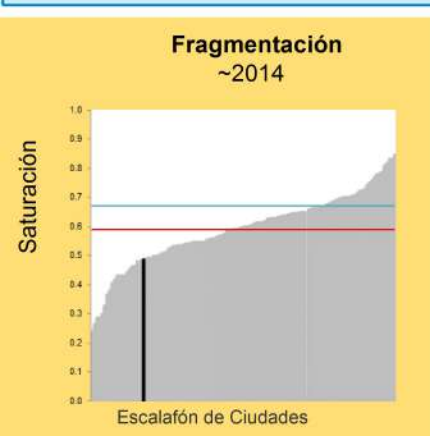
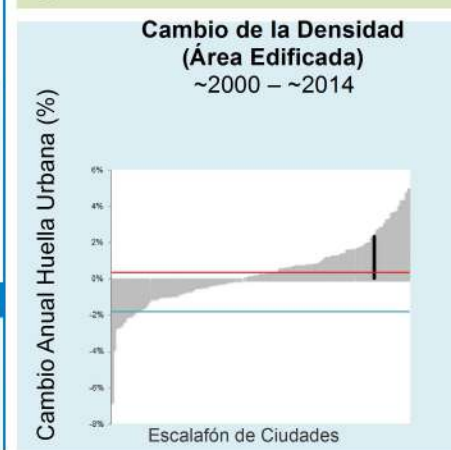
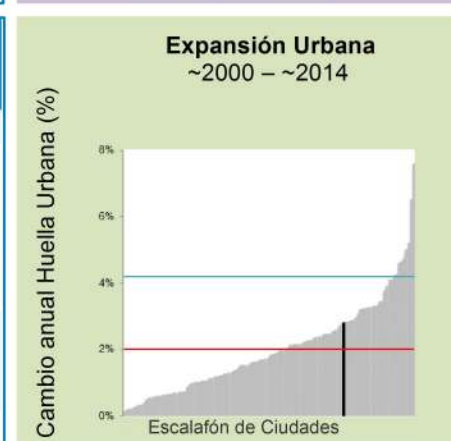


**Legenda**

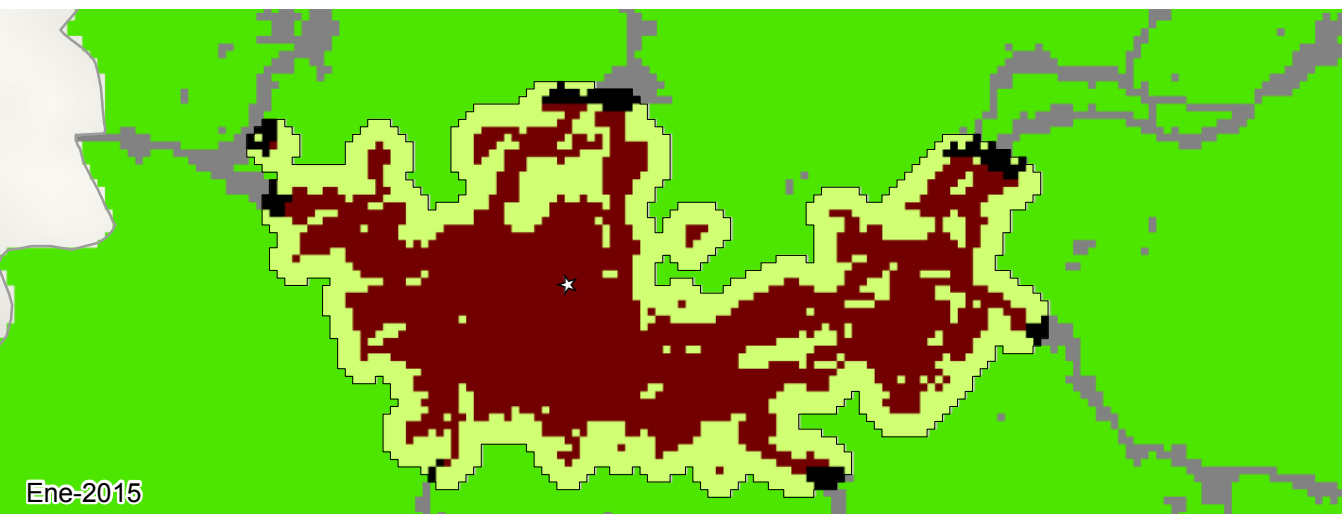
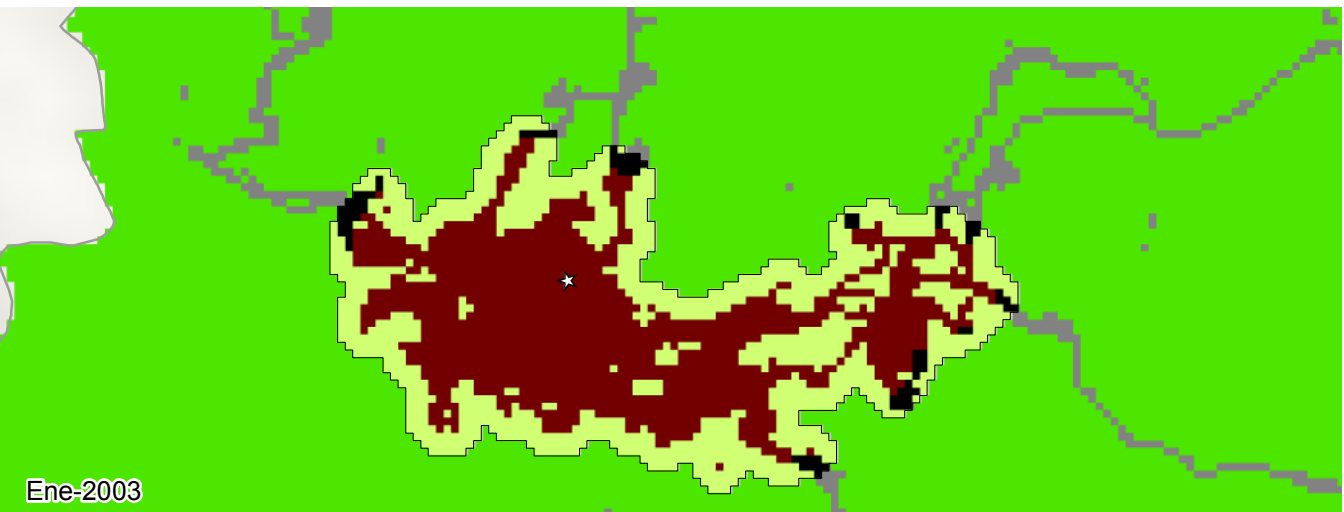
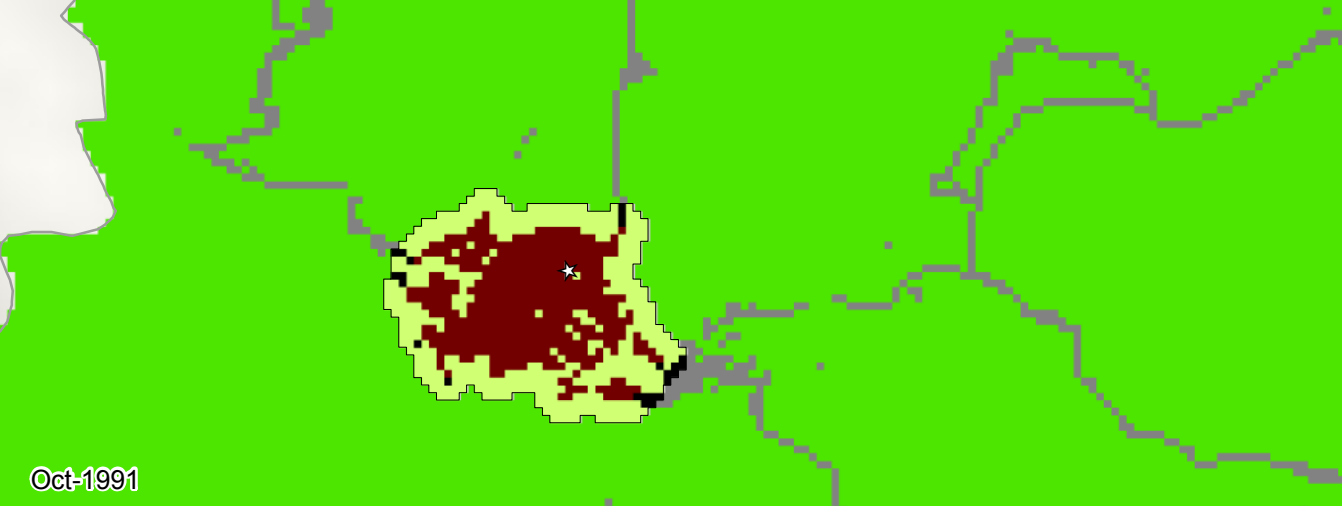
- Valle del Guamuez |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



| Métrica                             | Ago 1989 | Jun 1999 | Sep 2015 | Cambio Anual % ('99-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 5,473    | 17,474   | 40,291   | 5.1                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 24.9     | 88.7     | 159.7    | 3.6                      |
| Urbana                              | 24.5     | 85.8     | 157.4    | 3.7                      |
| Suburbana                           | 0.0      | 0.0      | 0.0      | 0.0                      |
| Rural                               | 0.5      | 3.0      | 2.3      | -1.7                     |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 48       | 119      | 168      | 2.1                      |
| Huella Urbana                       | 73       | 208      | 327      | 2.8                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 219.5    | 196.9    | 252.4    | 1.5                      |
| Densidad de la Huella Urbana        | 74.2     | 83.8     | 122.9    | 2.4                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.34     | 0.43     | 0.49     | 0.8                      |
| Índice de Apertura                  | 0.80     | 0.62     | 0.54     | -0.9                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.90     | 0.90     | 0.91     | 0.1                      |
| Cohesión                            | 0.89     | 0.90     | 0.90     | 0.1                      |
| Área Agregada (Hectáreas)           | '89-'99  | Porción  | '99-'15  | Porción                  |
| Relleno                             | 9.09     | 14.44%   | 24.48    | 34.58%                   |
| Extensión                           | 41.49    | 65.91%   | 31.14    | 43.99%                   |
| Crecimiento Discontinuo             | 8.37     | 13.3%    | 10.17    | 14.37%                   |
| Inclusión                           | 4.0      | 6.35%    | 5.0      | 7.06%                    |



















### Vélez, Santander 1991-2015

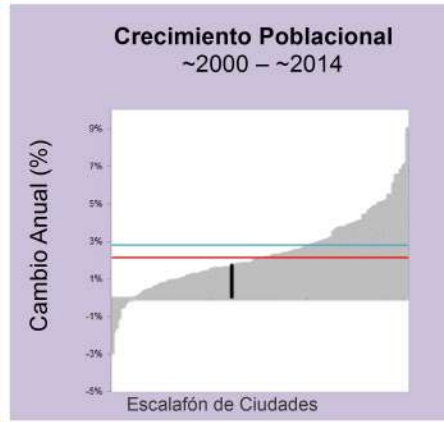


- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
|  | Zona de Estudio            |  | Espacio Abierto Rural    |
|  | Huella Urbana              |  | Área Edificada Exurbana  |
|  | Área Edificada Urbana      |  | Espacio Abierto Exurbana |
|  | Área Edificada Suburbana   |  | Agua                     |
|  | Área Edificada Rural       |  | Sin datos                |
|  | Espacio Abierto Urbanizado |  | Centro urbano            |

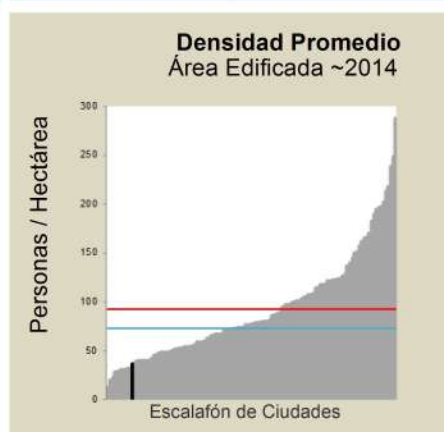
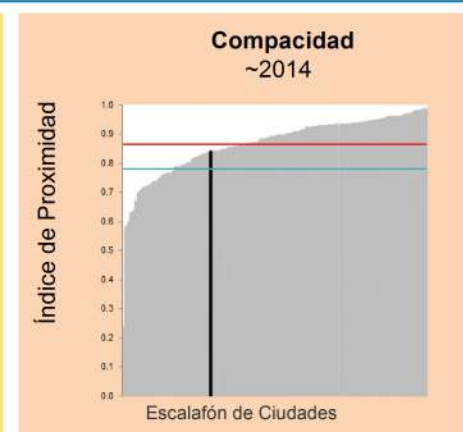
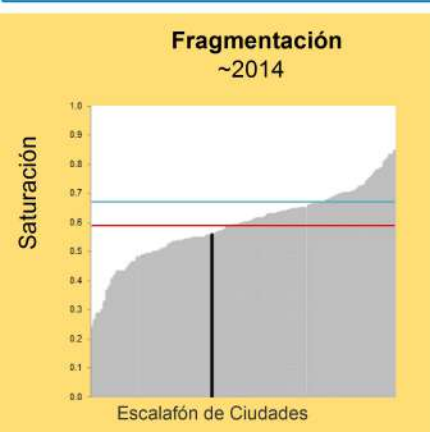
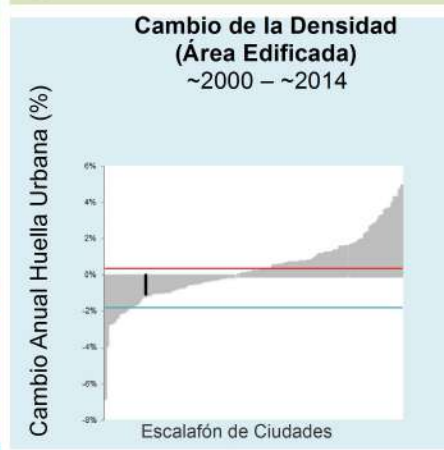
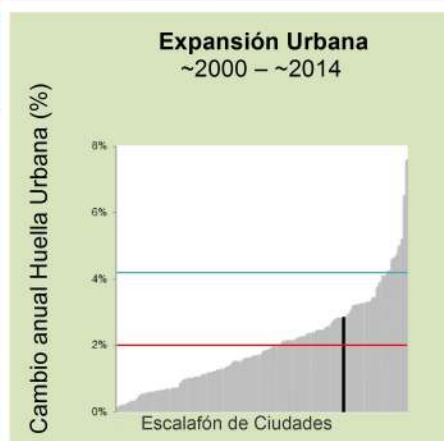


**Legenda**

- Vélez |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



| Métrica                             | Sep 1991 | Ene 2003 | Ene 2015 | Cambio Anual % ('03-'15) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 6,664    | 9,627    | 11,879   | 1.8                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 41.0     | 126.5    | 183.3    | 3.1                      |
| Urbana                              | 38.9     | 118.8    | 174.2    | 3.2                      |
| Suburbana                           | 0.0      | 0.0      | 0.0      | 0.0                      |
| Rural                               | 2.2      | 7.7      | 9.1      | 1.4                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 39       | 106      | 144      | 2.5                      |
| Huella Urbana                       | 80       | 233      | 327      | 2.8                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 162.4    | 76.1     | 64.8     | -1.3                     |
| Densidad de la Huella Urbana        | 82.6     | 41.3     | 36.3     | -1.1                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.51     | 0.54     | 0.56     | 0.3                      |
| Índice de Apertura                  | 0.64     | 0.54     | 0.50     | -0.7                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.97     | 0.82     | 0.84     | 0.2                      |
| Cohesión                            | 0.95     | 0.82     | 0.84     | 0.2                      |
| Área Agregada (Hectáreas)           | '91-'03  | Porción  | '03-'15  | Porción                  |
| Relleno                             | 10.8     | 12.68%   | 16.92    | 30.16%                   |
| Extensión                           | 55.8     | 65.5%    | 20.88    | 37.22%                   |
| Crecimiento Discontinuo             | 4.59     | 5.39%    | 6.3      | 11.23%                   |
| Inclusión                           | 14.0     | 16.43%   | 12.0     | 21.39%                   |



Ene-1990

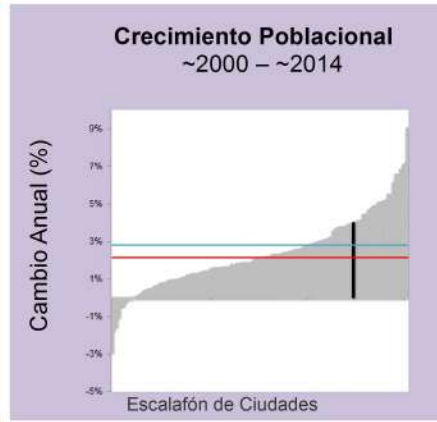
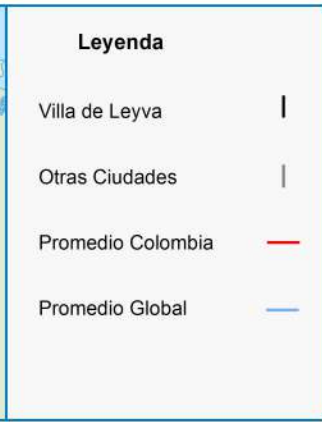
Ene-2001

Ene-2014

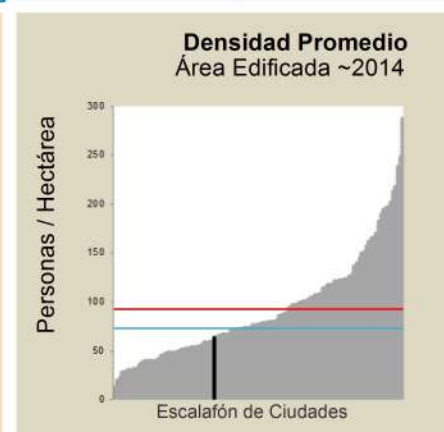
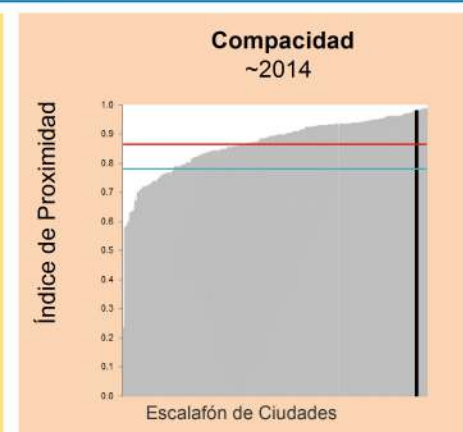
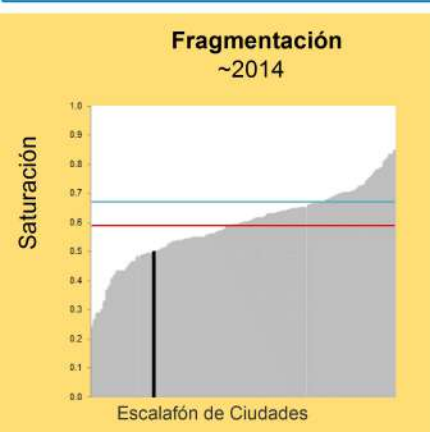
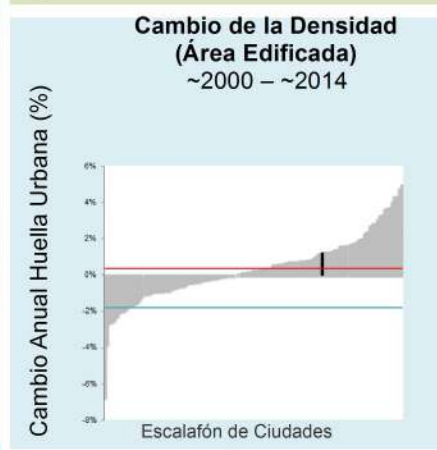
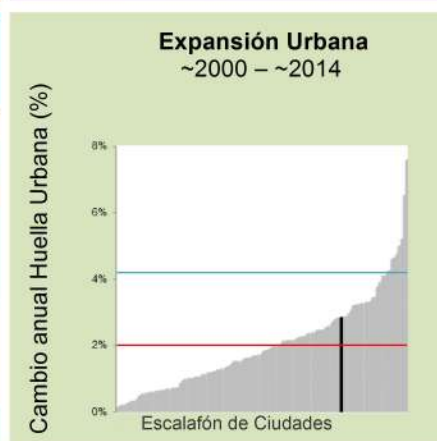
### Villa de Leyva, Boyacá 1990-2014



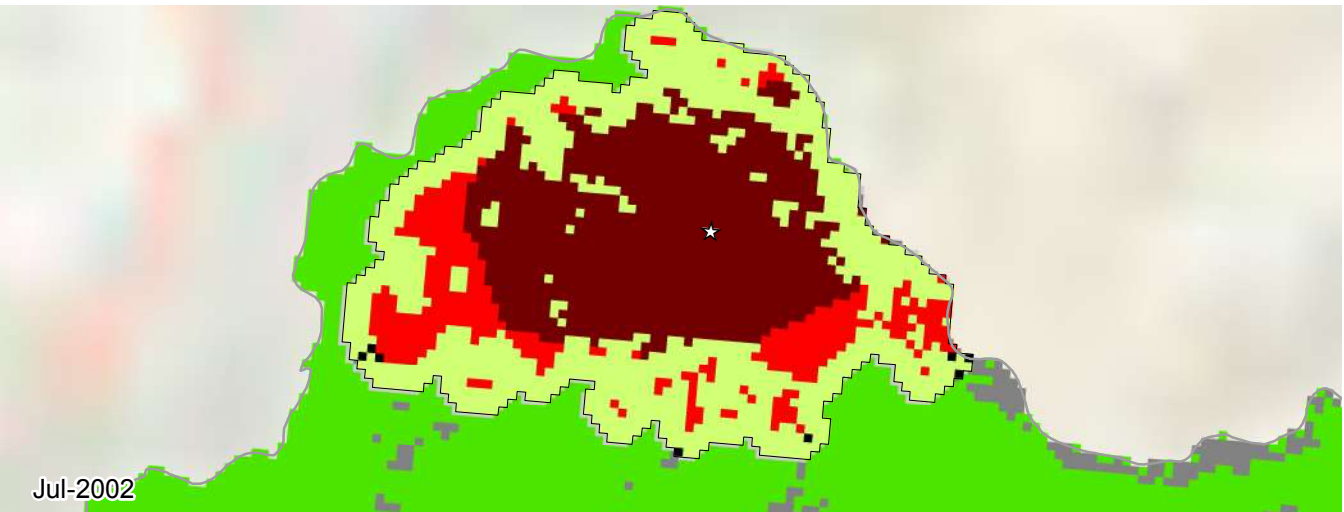
- |                            |                          |
|----------------------------|--------------------------|
| Zona de Estudio            | Espacio Abierto Rural    |
| Huella Urbana              | Área Edificada Exurbana  |
| Área Edificada Urbana      | Espacio Abierto Exurbana |
| Área Edificada Suburbana   | Agua                     |
| Área Edificada Rural       | Sin datos                |
| Espacio Abierto Urbanizado | Centro urbano            |



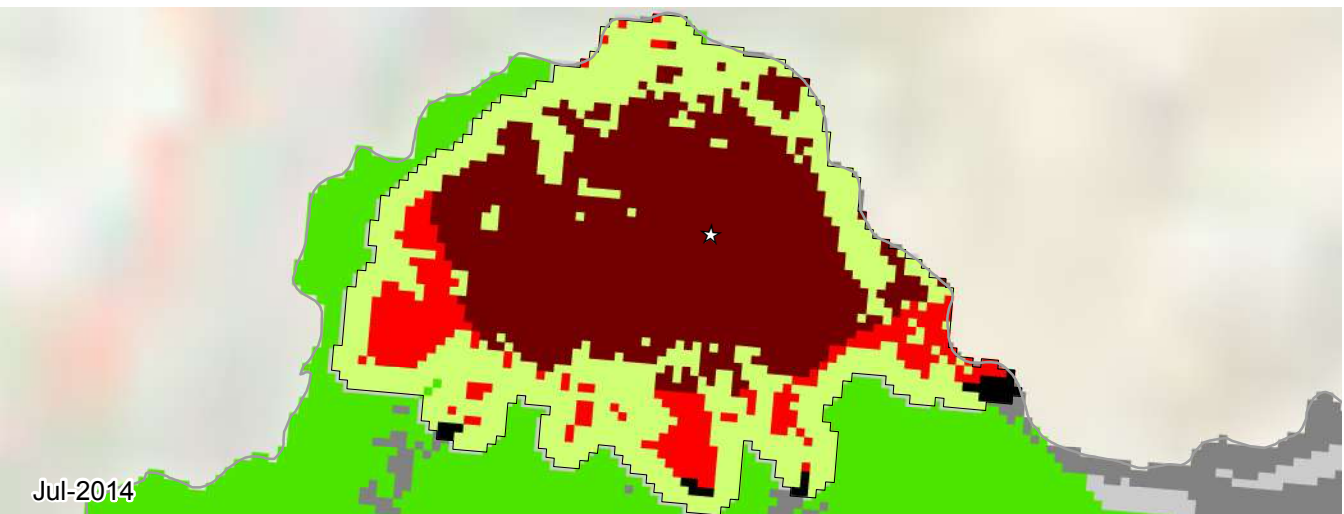
| Métrica                             | Ene 1990 | Ene 2001 | Ene 2014 | Cambio Anual % ('01-'14) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 1,593    | 7,230    | 12,147   | 4.0                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 12.7     | 61.7     | 95.8     | 3.4                      |
| Urbana                              | 0.0      | 0.9      | 28.1     | 26.5                     |
| Suburbana                           | 6.6      | 54.5     | 59.9     | 0.7                      |
| Rural                               | 6.1      | 6.4      | 7.8      | 1.6                      |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 18       | 71       | 95       | 2.3                      |
| Huella Urbana                       | 30       | 132      | 191      | 2.8                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 125.6    | 117.1    | 126.9    | 0.6                      |
| Densidad de la Huella Urbana        | 51.6     | 54.4     | 63.4     | 1.2                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.41     | 0.46     | 0.50     | 0.6                      |
| Índice de Apertura                  | 0.74     | 0.64     | 0.58     | -0.8                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.94     | 0.99     | 0.98     | -0.0                     |
| Cohesión                            | 0.92     | 0.98     | 0.97     | -0.0                     |
| Área Agregada (Hectáreas)           | '90-'01  | Porción  | '01-'14  | Porción                  |
| Relleno                             | 1.53     | 3.14%    | 9.18     | 27.44%                   |
| Extensión                           | 20.16    | 41.32%   | 16.02    | 47.88%                   |
| Crecimiento Discontinuo             | 8.1      | 16.6%    | 1.26     | 3.77%                    |
| Inclusión                           | 19.0     | 38.94%   | 7.0      | 20.92%                   |



Ago-1989



Jul-2002



Jul-2014



### Villamaría, Caldas 1989-2014

0 0.5 1 km



- |                            |                          |
|----------------------------|--------------------------|
| Zona de Estudio            | Espacio Abierto Rural    |
| Huella Urbana              | Área Edificada Exurbana  |
| Área Edificada Urbana      | Espacio Abierto Exurbana |
| Área Edificada Suburbana   | Agua                     |
| Área Edificada Rural       | Sin datos                |
| Espacio Abierto Urbanizado | Centro urbano            |

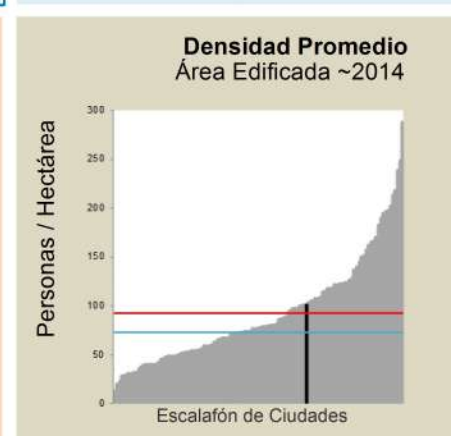
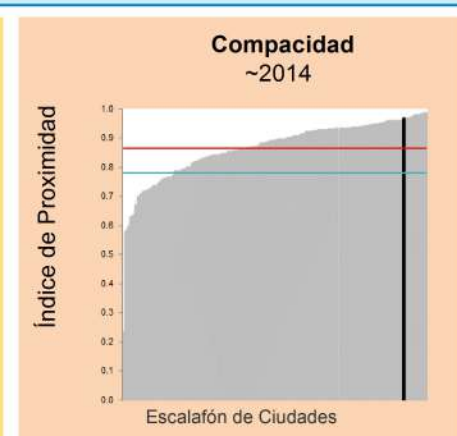
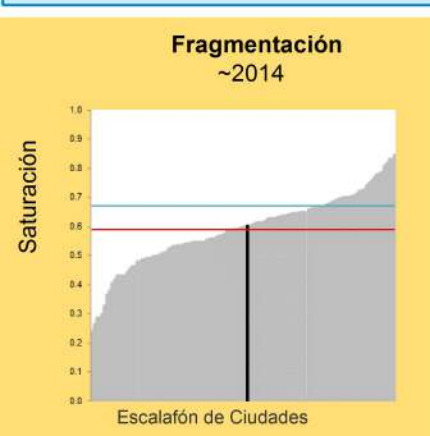
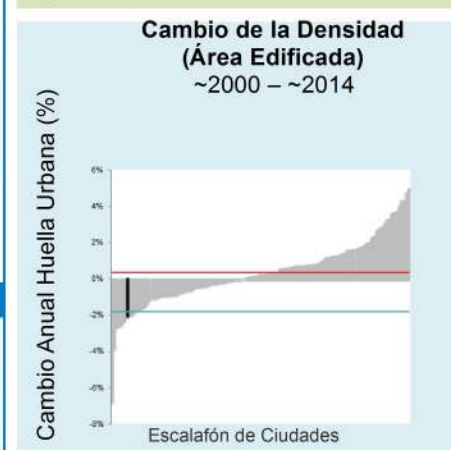
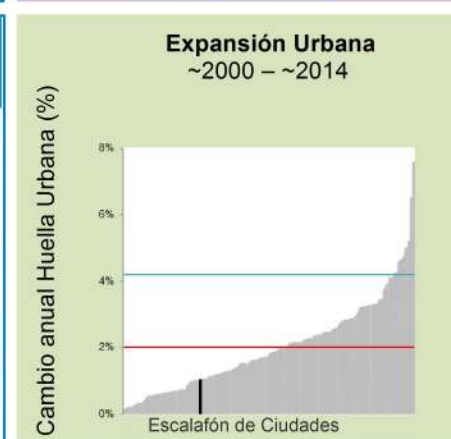


**Legenda**

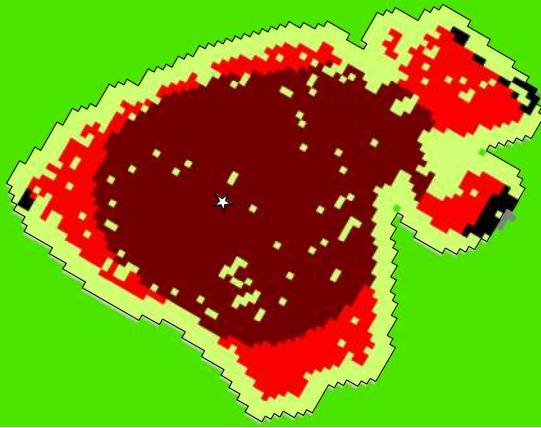
- Villamaría |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



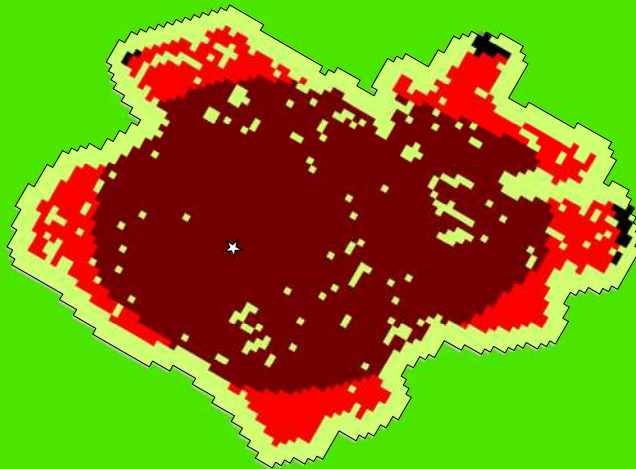
| Métrica                             | Ago 1989 | Jul 2002 | Jul 2014 | Cambio Anual % ('02-'14) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 19,308   | 28,097   | 24,801   | -1.0                     |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 103.7    | 119.6    | 147.2    | 1.7                      |
| Urbana                              | 50.0     | 86.8     | 116.4    | 2.4                      |
| Suburbana                           | 50.4     | 32.0     | 28.2     | -1.1                     |
| Rural                               | 3.3      | 0.7      | 2.7      | 11.0                     |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 93       | 96       | 97       | 0.0                      |
| Huella Urbana                       | 196      | 216      | 244      | 1.0                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 186.2    | 234.9    | 168.4    | -2.8                     |
| Densidad de la Huella Urbana        | 98.1     | 129.8    | 101.5    | -2.0                     |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.53     | 0.55     | 0.60     | 0.7                      |
| Índice de Apertura                  | 0.51     | 0.42     | 0.37     | -1.0                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.96     | 0.95     | 0.97     | 0.1                      |
| Cohesión                            | 0.95     | 0.94     | 0.96     | 0.2                      |
| Área Agregada (Hectáreas)           | '89-'02  | Porción  | '02-'14  | Porción                  |
| Relleno                             | 10.44    | 66.2%    | 15.75    | 58.1%                    |
| Extensión                           | 2.97     | 18.83%   | 8.91     | 32.87%                   |
| Crecimiento Discontinuo             | 0.36     | 2.28%    | 0.45     | 1.66%                    |
| Inclusión                           | 2.0      | 12.68%   | 2.0      | 7.38%                    |



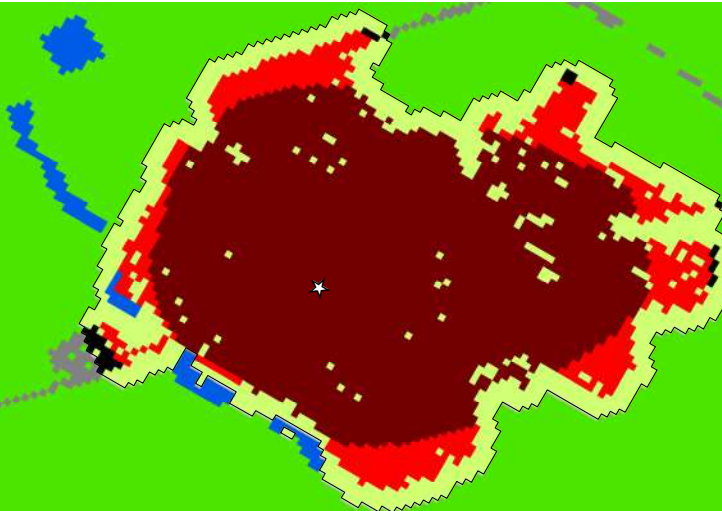
Mar-1991



Mar-2001



Mar-2014



### Villanueva, Guajira 1991-2014

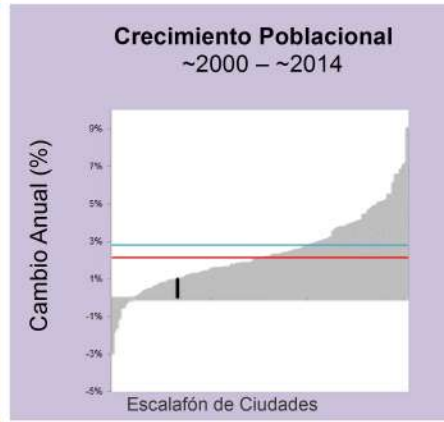


- |                            |                          |
|----------------------------|--------------------------|
| Zona de Estudio            | Espacio Abierto Rural    |
| Huella Urbana              | Área Edificada Exurbana  |
| Área Edificada Urbana      | Espacio Abierto Exurbana |
| Área Edificada Suburbana   | Agua                     |
| Área Edificada Rural       | Sin datos                |
| Espacio Abierto Urbanizado | Centro urbano            |

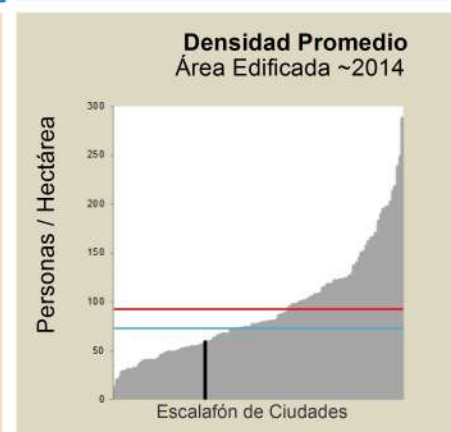
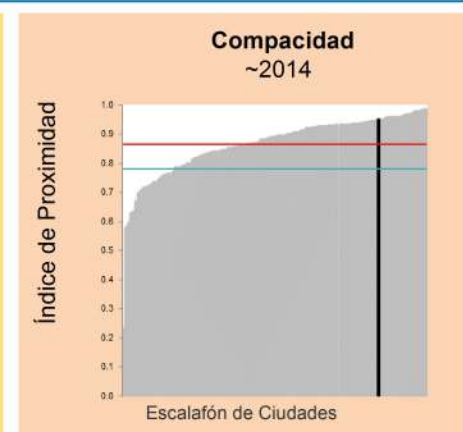
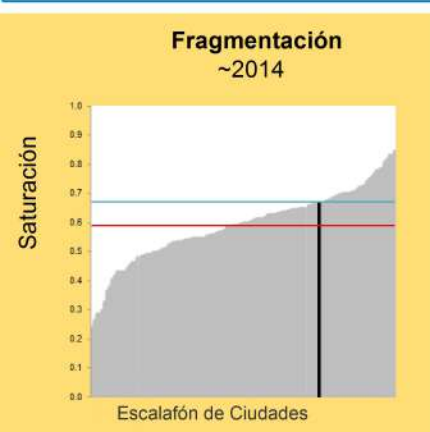
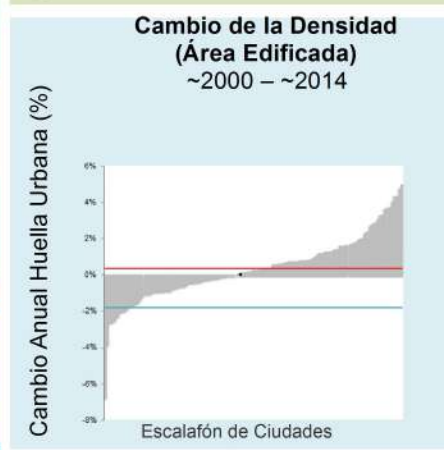
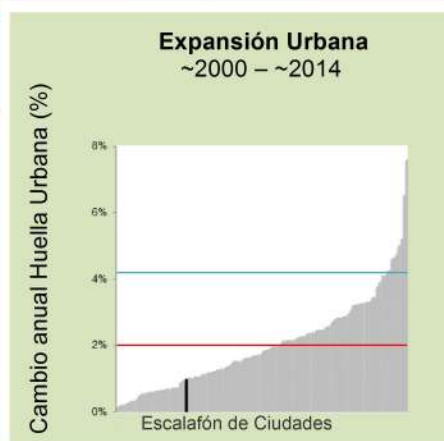


**Legenda**

- Villanueva |
- Otras Ciudades |
- Promedio Colombia —
- Promedio Global —



| Métrica                             | Mar 1991 | Mar 2001 | Mar 2014 | Cambio Anual % ('01-'14) |
|-------------------------------------|----------|----------|----------|--------------------------|
| Población                           | 16,562   | 21,270   | 24,178   | 1.0                      |
| Área Edificada (Hectáreas)          |          |          |          |                          |
| Total                               | 161.6    | 239.3    | 271.9    | 1.0                      |
| Urbana                              | 95.1     | 168.3    | 206.1    | 1.6                      |
| Suburbana                           | 58.7     | 67.2     | 63.4     | -0.5                     |
| Rural                               | 7.7      | 3.8      | 2.4      | -3.4                     |
| Espacio Abierto (Hectáreas)         |          |          |          |                          |
| Espacio Abierto Urbanizado          | 102      | 120      | 136      | 1.0                      |
| Huella Urbana                       | 263      | 359      | 408      | 1.0                      |
| Densidad (Personas / Hectáreas)     |          |          |          |                          |
| Densidad del Área Edificada         | 102.5    | 88.9     | 88.9     | 0.0                      |
| Densidad de la Huella Urbana        | 62.8     | 59.1     | 59.3     | 0.0                      |
| Fragmentación                       |          |          |          |                          |
| Saturación (Área Edif./Huella Urb.) | 0.61     | 0.67     | 0.67     | 0.0                      |
| Índice de Apertura                  | 0.45     | 0.38     | 0.35     | -0.7                     |
| Compacidad (Redondez)               |          |          |          |                          |
| Proximidad                          | 0.96     | 0.95     | 0.95     | -0.0                     |
| Cohesión                            | 0.95     | 0.95     | 0.94     | -0.0                     |
| Área Agregada (Hectáreas)           | '91-'01  | Porción  | '01-'14  | Porción                  |
| Relleno                             | 16.65    | 21.63%   | 12.06    | 37.64%                   |
| Extensión                           | 58.86    | 76.48%   | 18.18    | 56.74%                   |
| Crecimiento Discontinuo             | 0.45     | 0.58%    | 1.8      | 5.62%                    |
| Inclusión                           | 1.0      | 1.3%     | 0.0      | 0.0%                     |





| <b>COD. DANE</b> | <b>CIUDAD</b>         | <b>DEPARTAMENTO</b> |
|------------------|-----------------------|---------------------|
| 91001            | Leticia               | AMAZONAS            |
| 5045             | Apartadó              | ANTIOQUIA           |
| 5051             | Arboletes             | ANTIOQUIA           |
| 5113             | Buriticá              | ANTIOQUIA           |
| 63190            | Copacabana            | ANTIOQUIA           |
| 5001             | Gran Medellín         | ANTIOQUIA           |
| 5495             | Nechí                 | ANTIOQUIA           |
| 5659             | San Juan De Urabá     | ANTIOQUIA           |
| 5665             | San Pedro De Urabá    | ANTIOQUIA           |
| 76001            | Candelaria            | ATLANTICO           |
| 8001             | Gran Barranquilla     | ATLANTICO           |
| 8520             | Palmar De Varela      | ATLANTICO           |
| 8549             | Piojó                 | ATLANTICO           |
| 8758             | Soledad               | ATLANTICO           |
| 8832             | Tubará                | ATLANTICO           |
| 11001            | Gran Bogotá           | BOGOTA D.C.         |
| 13006            | Achí                  | BOLIVAR             |
| 25154            | Cartagena             | BOLIVAR             |
| 25154            | Gran Cartagena        | BOLIVAR             |
| 13430            | Magangué              | BOLIVAR             |
| 13655            | San Jacinto Del Cauca | BOLIVAR             |
| 15238            | Duitama               | BOYACA              |
| 15299            | Garagoa               | BOYACA              |
| 15001            | Gran Tunja            | BOYACA              |
| 15693            | Santa Rosa De Viterbo | BOYACA              |
| 15757            | Socha                 | BOYACA              |
| 15407            | Villa De Leyva        | BOYACA              |
| 54172            | Chinchiná             | CALDAS              |
| 17001            | Gran Manizales        | CALDAS              |
| 17486            | Neira                 | CALDAS              |
| 17653            | Salamina              | CALDAS              |
| 17873            | Villamaría            | CALDAS              |
| 18001            | Florencia             | CAQUETA             |
| 85230            | Orocué                | CASANARE            |
| 85400            | Támara                | CASANARE            |
| 19212            | Corinto               | CAUCA               |

| <b>COD. DANE</b> | <b>CIUDAD</b>     | <b>DEPARTAMENTO</b> |
|------------------|-------------------|---------------------|
| 19318            | Guapi             | CAUCA               |
| 19001            | Popayán           | CAUCA               |
| 19809            | Timbiquí          | CAUCA               |
| 20011            | Aguachica         | CESAR               |
| 76147            | Chimichagua       | CESAR               |
| 20383            | La Gloria         | CESAR               |
| 27075            | Bahía Solano      | CHOCO               |
| 27495            | Nuquí             | CHOCO               |
| 23068            | Ayapel            | CORDOBA             |
| 23417            | Lorica            | CORDOBA             |
| 23660            | Sahagún           | CORDOBA             |
| 8141             | Carmen De Carupa  | CUNDINAMARCA        |
| 52473            | Mosquera          | CUNDINAMARCA        |
| 25718            | Sasaima           | CUNDINAMARCA        |
| 25754            | Soacha            | CUNDINAMARCA        |
| 94001            | Inírida           | GUAINIA             |
| 44430            | Maicao            | GUAJIRA             |
| 44874            | Villanueva        | GUAJIRA             |
| 41378            | La Argentina      | HUILA               |
| 47001            | Ariguaní          | MAGDALENA           |
| 50006            | Acacías           | META                |
| 50110            | Barranca De Upía  | META                |
| 50124            | Cabuyaro          | META                |
| 50313            | Granada           | META                |
| 50568            | Puerto Gaitán     | META                |
| 50590            | Puerto Rico       | META                |
| 50689            | San Martín        | META                |
| 52079            | Barbacoas         | NARIÑO              |
| 52250            | El Charco         | NARIÑO              |
| 52520            | Francisco Pizarro | NARIÑO              |
| 52352            | Iles              | NARIÑO              |
| 52356            | Ipiales           | NARIÑO              |
| 52390            | La Tola           | NARIÑO              |
| 52427            | Magüí Payán       | NARIÑO              |
| 52696            | Santa Bárbara     | NARIÑO              |
| 20175            | Chinácota         | NORTE DE SANTANDER  |

| <b>COD. DANE</b> | <b>CIUDAD</b>                | <b>DEPARTAMENTO</b> |
|------------------|------------------------------|---------------------|
| 54001            | Gran Cúcuta                  | NORTE DE SANTANDER  |
| 54405            | Los Patios                   | NORTE DE SANTANDER  |
| 54553            | Puerto Santander             | NORTE DE SANTANDER  |
| 86320            | Orito                        | PUTUMAYO            |
| 86571            | Puerto Guzmán                | PUTUMAYO            |
| 86573            | Puerto Leguizamo             | PUTUMAYO            |
| 86865            | Valle Del Guamuez            | PUTUMAYO            |
| 17174            | Circasia                     | QUINDIO             |
| 63401            | La Tebaida                   | QUINDIO             |
| 63594            | Quimbaya                     | QUINDIO             |
| 66001            | Gran Pereira                 | RISARALDA           |
| 88564            | Providencia Y Santa Catalina | SAN ANDRES          |
| 68020            | Albania                      | SANTANDER           |
| 68077            | Barbosa                      | SANTANDER           |
| 68081            | Barrancabermeja              | SANTANDER           |
| 68307            | Girón                        | SANTANDER           |
| 68001            | Gran Bucaramanga             | SANTANDER           |
| 68432            | Malaga                       | SANTANDER           |
| 68655            | Sabana De Torres             | SANTANDER           |
| 68689            | San Vicente De Chucurí       | SANTANDER           |
| 68755            | Socorro                      | SANTANDER           |
| 68861            | Vélez                        | SANTANDER           |
| 70124            | Caimito                      | SUCRE               |
| 70215            | Corozal                      | SUCRE               |
| 70215            | Gran Corozal                 | SUCRE               |
| 70265            | Guaranda                     | SUCRE               |
| 70429            | Majagual                     | SUCRE               |
| 70670            | Sampués                      | SUCRE               |
| 70678            | San Benito Abad              | SUCRE               |
| 70708            | San Marcos                   | SUCRE               |
| 70742            | Sincé                        | SUCRE               |
| 70771            | Sucre                        | SUCRE               |
| 73675            | San Antonio                  | TOLIMA              |
| 76736            | Sevilla                      | VALLE               |
| 76109            | Buenaventura                 | VALLE DEL CAUCA     |
| 76113            | Bugalagrande                 | VALLE DEL CAUCA     |

| <b>COD. DANE</b> | <b>CIUDAD</b>  | <b>DEPARTAMENTO</b> |
|------------------|----------------|---------------------|
| 13001            | Cartago        | VALLE DEL CAUCA     |
| 76001            | Gran Cali      | VALLE DEL CAUCA     |
| 13001            | Gran Cartago   | VALLE DEL CAUCA     |
| 76520            | Palmira        | VALLE DEL CAUCA     |
| 97001            | Mitú           | VAUPES              |
| 97666            | Taraira        | VAUPES              |
| 99773            | Cumaribo       | VICHADA             |
| 99524            | La Primavera   | VICHADA             |
| 99001            | Puerto Carreño | VICHADA             |
| 99624            | Santa Rosalía  | VICHADA             |