

**Inventario de emisiones de contaminantes atmosféricos por fuente, 2005
(Toneladas)**

| Entidad federativa | Tipo de Fuente | Contaminante | | | | | | |
|---------------------|---|--------------|--------------|------------|--------------|-----------|-----------|-----------|
| | | SO2 | CO | NOx | COV | PM10 | PM2.5 | NH3 |
| Aguascalientes | Fuentes fijas | 1,516.56 | 248.46 | 931.24 | 1,052.51 | 1,053.89 | 669.12 | 16.95 |
| | Fuentes de área | 4,159.66 | 19,998.26 | 2,092.48 | 19,162.35 | 4,004.44 | 2,772.39 | 20,899.57 |
| | Fuentes móviles | 299.00 | 636,019.52 | 17,463.18 | 44,949.34 | 157.96 | 107.46 | 224.61 |
| | Fuentes móviles que no circulan por carretera | 24.89 | 817.79 | 1,385.45 | 175.50 | 154.82 | 149.47 | 0.00 |
| | Fuentes naturales | - | - | 8,365.45 | 25,712.77 | - | - | - |
| Baja California | Fuentes fijas | 14,573.87 | 4,868.37 | 15,839.47 | 7,630.77 | 2,628.26 | 2,391.94 | 296.79 |
| | Fuentes de área | 15,243.50 | 72,673.63 | 5,867.93 | 51,930.97 | 11,110.23 | 8,075.65 | 12,162.62 |
| | Fuentes móviles | 1,684.34 | 3,443,801.59 | 129,523.71 | 255,267.18 | 890.83 | 576.84 | 1,796.01 |
| | Fuentes móviles que no circulan por carretera | 1,540.59 | 2,534.79 | 6,482.46 | 444.72 | 552.92 | 537.06 | 0.00 |
| | Fuentes naturales | - | - | 23,826.09 | 47,261.91 | - | - | - |
| Baja California Sur | Fuentes fijas | 21,185.25 | 2,420.76 | 17,391.76 | 1,222.80 | 2,956.65 | 2,179.02 | 86.24 |
| | Fuentes de área | 519.58 | 20,966.31 | 619.08 | 11,300.66 | 3,794.85 | 2,811.50 | 3,215.56 |
| | Fuentes móviles | 259.01 | 337,192.85 | 13,381.71 | 28,333.09 | 118.12 | 104.97 | 214.28 |
| | Fuentes móviles que no circulan por carretera | 1,273.69 | 1,105.51 | 2,079.19 | 172.16 | 229.35 | 223.40 | 0.00 |
| | Fuentes naturales | - | - | 19,637.80 | 81,762.26 | - | - | - |
| Campeche | Fuentes fijas | 725,999.28 | 18,316.11 | 55,328.04 | 3,498.32 | 2,662.11 | 2,371.94 | 553.64 |
| | Fuentes de área | 1,345.88 | 35,264.40 | 1,069.17 | 15,532.68 | 6,352.71 | 4,581.64 | 10,900.60 |
| | Fuentes móviles | 166.73 | 168,892.99 | 14,290.41 | 13,930.30 | 120.08 | 86.54 | 89.36 |
| | Fuentes móviles que no circulan por carretera | 646.74 | 994.39 | 2,490.47 | 245.09 | 301.54 | 291.46 | 0.00 |
| | Fuentes naturales | - | - | 39,009.96 | 1,729,752.13 | - | - | - |
| Coahuila | Fuentes fijas | 239,845.38 | 18,644.12 | 115,305.40 | 6,202.25 | 22,594.23 | 16,131.82 | 11,519.21 |
| | Fuentes de área | 13,211.82 | 35,832.51 | 5,999.84 | 46,041.29 | 9,028.37 | 5,654.41 | 18,073.30 |
| | Fuentes móviles | 676.61 | 565,279.31 | 15,177.52 | 52,941.45 | 253.91 | 180.74 | 231.28 |
| | Fuentes móviles que no circulan por carretera | 81.45 | 2,201.52 | 6,457.98 | 540.35 | 461.04 | 439.81 | 0.00 |
| | Fuentes naturales | - | - | 54,984.48 | 110,186.23 | - | - | - |
| Colima | Fuentes fijas | 183,162.70 | 9,921.82 | 16,107.26 | 1,201.47 | 9,561.85 | 7,362.11 | 647.15 |
| | Fuentes de área | 775.18 | 9,699.14 | 466.39 | 9,039.86 | 2,992.79 | 1,588.28 | 4,162.14 |
| | Fuentes móviles | 181.59 | 315,767.66 | 8,993.66 | 18,802.59 | 110.35 | 79.03 | 136.26 |
| | Fuentes móviles que no circulan por carretera | 1,378.17 | 514.59 | 1,474.63 | 119.74 | 222.16 | 215.45 | 0.00 |
| | Fuentes naturales | - | - | 12,912.83 | 104,944.47 | - | - | - |
| Chiapas | Fuentes fijas | 16,071.81 | 26,618.82 | 7,531.25 | 12,597.40 | 5,188.38 | 4,835.05 | 779.39 |
| | Fuentes de área | 2,639.85 | 172,281.84 | 4,264.41 | 73,709.55 | 32,846.01 | 22,977.13 | 47,601.44 |
| | Fuentes móviles | 193.42 | 310,732.82 | 12,701.82 | 29,572.84 | 111.92 | 88.52 | 170.89 |
| | Fuentes móviles que no circulan por carretera | 52.04 | 1,228.41 | 2,385.83 | 270.05 | 230.48 | 221.77 | 0.00 |
| | Fuentes naturales | - | - | 114,218.72 | 1,461,242.74 | - | - | - |
| Chihuahua | Fuentes fijas | 56,888.79 | 4,397.37 | 14,870.71 | 3,040.15 | 3,992.40 | 3,188.39 | 326.50 |
| | Fuentes de área | 20,852.12 | 50,982.44 | 8,891.88 | 67,197.45 | 19,318.18 | 9,547.63 | 32,389.77 |
| | Fuentes móviles | 1,095.28 | 1,942,355.34 | 80,448.25 | 142,407.54 | 599.94 | 427.94 | 937.36 |
| | Fuentes móviles que no circulan por carretera | 207.22 | 7,443.13 | 13,648.35 | 1,738.31 | 1,569.89 | 1,514.15 | 0.00 |
| | Fuentes naturales | - | - | 89,989.89 | 378,589.09 | - | - | - |
| Distrito Federal | Fuentes fijas | 144.96 | 852.41 | 2,473.53 | 8,367.92 | 2,131.64 | 934.37 | 61.56 |
| | Fuentes de área | 757.04 | 10,868.46 | 11,003.28 | 138,479.46 | 2,199.16 | 1,544.15 | 20,162.44 |
| | Fuentes móviles | 2,169.91 | 1,233,782.56 | 199,847.38 | 114,146.90 | 1,746.03 | 1,297.67 | 1,877.92 |
| | Fuentes móviles que no circulan por carretera | 255.54 | 5,145.47 | 3,775.39 | 611.86 | 162.41 | 157.56 | 0.00 |
| | Fuentes naturales | - | - | 1,053.25 | 4,731.75 | - | - | - |
| Durango | Fuentes fijas | 46,954.64 | 2,164.40 | 8,358.99 | 1,216.05 | 4,689.90 | 3,869.63 | 187.47 |
| | Fuentes de área | 4,601.15 | 76,628.10 | 3,139.29 | 35,233.39 | 15,918.69 | 10,554.08 | 25,642.76 |
| | Fuentes móviles | 432.09 | 559,742.37 | 15,050.29 | 42,169.07 | 164.87 | 118.93 | 171.21 |
| | Fuentes móviles que no circulan por carretera | 93.52 | 3,840.21 | 7,001.94 | 916.49 | 884.55 | 854.18 | 0.00 |
| | Fuentes naturales | - | - | 37,511.68 | 75,709.49 | - | - | - |
| Guanajuato | Fuentes fijas | 69,039.24 | 75,470.56 | 15,916.36 | 9,989.07 | 6,350.24 | 5,055.27 | 266.54 |
| | Fuentes de área | 13,582.10 | 179,251.75 | 9,006.12 | 100,005.60 | 34,741.13 | 25,480.37 | 48,447.68 |

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|---|---|--------------|--------------|------------|--------------|-----------|-----------|------------|
| | | SO2 | CO | NOx | COV | PM10 | PM2.5 | NH3 |
| Guanajuato | Fuentes móviles | 717.70 | 1,350,348.61 | 58,752.47 | 80,287.28 | 489.52 | 375.80 | 449.28 |
| | Fuentes móviles que no circulan por carretera | 131.14 | 5,408.81 | 8,910.22 | 1,250.50 | 1,233.74 | 1,193.52 | 0.00 |
| | Fuentes naturales | - | - | 47,887.43 | 147,938.73 | - | - | - |
| Guerrero | Fuentes fijas | 115,218.03 | 1,956.82 | 24,202.99 | 1,396.09 | 645.57 | 306.38 | 6,044.36 |
| | Fuentes de área | 2,718.33 | 110,190.70 | 2,661.05 | 53,307.55 | 19,388.38 | 14,554.96 | 31,933.01 |
| | Fuentes móviles | 640.86 | 597,326.51 | 25,202.89 | 55,526.46 | 279.82 | 204.49 | 900.54 |
| | Fuentes móviles que no circulan por carretera | 194.42 | 778.55 | 1,153.19 | 126.34 | 80.06 | 77.63 | 0.00 |
| Hidalgo | Fuentes naturales | - | - | 77,334.23 | 1,208,103.68 | - | - | - |
| | Fuentes fijas | 278,663.04 | 7,730.95 | 25,513.53 | 7,361.02 | 16,443.08 | 12,274.60 | 783.85 |
| | Fuentes de área | 4,446.20 | 64,898.89 | 3,465.13 | 41,477.29 | 13,122.44 | 9,368.49 | 27,040.17 |
| | Fuentes móviles | 369.10 | 448,513.29 | 18,641.79 | 36,916.88 | 314.89 | 242.24 | 371.19 |
| | Fuentes móviles que no circulan por carretera | 59.33 | 2,529.47 | 5,037.28 | 623.39 | 629.75 | 607.94 | 0.00 |
| Jalisco | Fuentes naturales | - | - | 32,124.20 | 122,437.94 | - | - | - |
| | Fuentes fijas | 17,464.79 | 57,018.17 | 8,845.28 | 18,496.48 | 12,458.16 | 11,245.56 | 1,892.57 |
| | Fuentes de área | 19,593.06 | 129,195.44 | 13,588.55 | 113,297.88 | 31,215.45 | 18,910.33 | 118,034.99 |
| | Fuentes móviles | 2,398.81 | 5,157,264.42 | 137,505.24 | 381,862.80 | 1,205.79 | 808.97 | 1,934.70 |
| | Fuentes móviles que no circulan por carretera | 508.91 | 11,028.15 | 15,277.65 | 2,310.65 | 2,144.82 | 2,077.41 | 0.00 |
| México | Fuentes naturales | - | - | 52,103.06 | 197,722.64 | - | - | - |
| | Fuentes fijas | 9,983.78 | 7,058.34 | 13,592.29 | 82,745.34 | 6,717.31 | 4,131.67 | 1,319.77 |
| | Fuentes de área | 27,000.60 | 151,991.07 | 18,067.66 | 198,752.04 | 28,304.55 | 21,947.44 | 53,219.24 |
| | Fuentes móviles | 4,209.07 | 4,293,489.27 | 217,735.77 | 279,933.68 | 1,893.99 | 1,392.84 | 3,340.09 |
| | Fuentes móviles que no circulan por carretera | 106.96 | 3,361.58 | 6,135.51 | 744.07 | 596.39 | 574.39 | 0.00 |
| Michoacán | Fuentes naturales | - | - | 18,712.76 | 42,736.43 | - | - | - |
| | Fuentes fijas | 88,148.79 | 14,657.22 | 6,940.82 | 2,290.47 | 6,834.98 | 4,919.07 | 1,026.89 |
| | Fuentes de área | 5,400.78 | 132,890.24 | 5,735.18 | 76,138.71 | 24,889.97 | 18,037.05 | 46,841.69 |
| | Fuentes móviles | 1,997.49 | 3,871,761.61 | 73,594.80 | 251,588.55 | 715.54 | 493.50 | 1,068.69 |
| | Fuentes móviles que no circulan por carretera | 560.24 | 4,408.53 | 8,205.26 | 1,037.06 | 1,058.61 | 1,022.99 | 0.00 |
| Morelos | Fuentes naturales | - | - | 83,756.33 | 691,021.21 | - | - | - |
| | Fuentes fijas | 10,185.08 | 15,693.61 | 3,070.31 | 2,559.40 | 3,967.70 | 3,490.58 | 611.10 |
| | Fuentes de área | 2,704.91 | 25,054.78 | 2,106.98 | 27,345.61 | 5,151.48 | 3,667.06 | 13,495.60 |
| | Fuentes móviles | 313.29 | 641,129.52 | 21,870.76 | 44,447.34 | 194.05 | 136.62 | 273.59 |
| | Fuentes móviles que no circulan por carretera | 23.52 | 794.92 | 1,428.83 | 187.83 | 161.25 | 155.59 | 0.00 |
| Nayarit | Fuentes naturales | - | - | 10,705.41 | 48,800.59 | - | - | - |
| | Fuentes fijas | 602.27 | 20,606.94 | 1,625.16 | 1,635.90 | 3,810.10 | 3,625.40 | 566.96 |
| | Fuentes de área | 895.59 | 39,011.10 | 1,228.25 | 16,998.45 | 7,476.81 | 4,921.52 | 14,446.45 |
| | Fuentes móviles | 166.18 | 355,068.37 | 10,729.21 | 33,415.67 | 98.19 | 69.63 | 141.03 |
| | Fuentes móviles que no circulan por carretera | 66.43 | 3,224.85 | 5,273.18 | 838.32 | 822.64 | 796.64 | 0.00 |
| Nuevo León | Fuentes naturales | - | - | 28,268.24 | 261,770.28 | - | - | - |
| | Fuentes fijas | 42,294.71 | 83,736.05 | 30,994.18 | 17,223.98 | 11,261.71 | 9,249.05 | 651.59 |
| | Fuentes de área | 19,576.77 | 42,070.03 | 8,239.75 | 75,300.36 | 13,579.16 | 7,517.01 | 28,102.36 |
| | Fuentes móviles | 1,831.24 | 3,783,994.25 | 177,205.75 | 282,847.51 | 968.94 | 584.13 | 1,695.78 |
| | Fuentes móviles que no circulan por carretera | 124.79 | 3,241.12 | 5,066.98 | 544.60 | 409.83 | 394.14 | 0.00 |
| Oaxaca | Fuentes naturales | - | - | 78,307.20 | 180,081.60 | - | - | - |
| | Fuentes fijas | 104,047.06 | 134,049.83 | 8,370.61 | 6,755.35 | 9,446.12 | 8,149.37 | 898.95 |
| | Fuentes de área | 3,560.26 | 146,291.32 | 4,376.53 | 61,460.60 | 27,473.49 | 19,212.17 | 39,568.71 |
| | Fuentes móviles | 185.54 | 216,091.47 | 10,701.33 | 16,858.12 | 93.50 | 67.31 | 124.38 |
| | Fuentes móviles que no circulan por carretera | 442.13 | 2,643.15 | 4,785.78 | 590.39 | 594.09 | 574.47 | 0.00 |
| Puebla | Fuentes naturales | - | - | 92,596.51 | 1,020,479.79 | - | - | - |
| | Fuentes fijas | 9,071.64 | 17,220.93 | 4,571.35 | 2,225.03 | 4,567.52 | 3,795.52 | 725.01 |
| | Fuentes de área | 12,776.76 | 120,885.81 | 7,402.76 | 86,258.12 | 21,933.99 | 16,814.97 | 54,897.46 |
| | Fuentes móviles | 1,517.60 | 963,219.44 | 105,466.95 | 77,891.17 | 1,358.49 | 1,091.55 | 509.01 |
| Fuentes móviles que no circulan por carretera | 53.11 | 1,626.24 | 3,948.28 | 393.76 | 349.13 | 335.18 | 0.00 | |

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| Entidad federativa | Tipo de Fuente | Contaminante | | | | | | |
|--------------------|---|--------------|--------------|------------|--------------|-----------|-----------|-----------|
| | | SO2 | CO | NOx | COV | PM10 | PM2.5 | NH3 |
| Puebla | Fuentes naturales | - | - | 63,931.68 | 250,111.32 | - | - | - |
| Querétaro | Fuentes fijas | 7,866.74 | 2,525.16 | 12,352.61 | 2,264.15 | 1,815.68 | 1,467.41 | 188.55 |
| | Fuentes de área | 5,758.01 | 36,632.99 | 3,170.54 | 30,316.62 | 6,216.53 | 5,011.52 | 15,818.66 |
| | Fuentes móviles | 169.12 | 198,214.74 | 12,842.84 | 19,415.73 | 133.96 | 99.95 | 153.71 |
| | Fuentes móviles que no circulan por carretera | 29.53 | 875.84 | 1,889.71 | 198.75 | 166.61 | 160.06 | 0.00 |
| | Fuentes naturales | - | - | 11,125.85 | 34,327.39 | - | - | - |
| Quintana Roo | Fuentes fijas | 595.93 | 17,774.82 | 3,278.11 | 1,294.12 | 3,398.67 | 3,257.28 | 517.80 |
| | Fuentes de área | 722.16 | 30,764.64 | 1,259.65 | 18,467.09 | 5,784.26 | 4,042.14 | 5,621.44 |
| | Fuentes móviles | 302.32 | 343,293.32 | 19,346.48 | 29,521.15 | 182.31 | 126.27 | 273.38 |
| | Fuentes móviles que no circulan por carretera | 1,160.11 | 2,255.91 | 2,584.03 | 270.05 | 227.42 | 221.60 | 0.00 |
| | Fuentes naturales | - | - | 20,686.51 | 1,618,367.54 | - | - | - |
| San Luis Potosí | Fuentes fijas | 83,658.15 | 49,241.70 | 18,700.14 | 5,063.70 | 14,165.78 | 12,043.12 | 2,534.69 |
| | Fuentes de área | 5,612.65 | 59,754.58 | 3,698.92 | 40,965.43 | 14,188.84 | 8,995.31 | 24,538.83 |
| | Fuentes móviles | 407.94 | 655,173.30 | 33,241.19 | 52,099.33 | 313.37 | 241.54 | 282.53 |
| | Fuentes móviles que no circulan por carretera | 69.20 | 2,736.32 | 5,913.05 | 690.32 | 674.45 | 650.06 | 0.00 |
| | Fuentes naturales | - | - | 70,134.11 | 243,993.15 | - | - | - |
| Sinaloa | Fuentes fijas | 102,338.21 | 21,201.61 | 9,652.52 | 2,832.95 | 8,195.59 | 6,848.84 | 699.25 |
| | Fuentes de área | 3,075.48 | 96,798.95 | 2,541.07 | 55,525.05 | 25,759.87 | 15,136.70 | 32,727.08 |
| | Fuentes móviles | 395.90 | 565,505.77 | 21,497.07 | 60,537.38 | 206.48 | 138.90 | 331.84 |
| | Fuentes móviles que no circulan por carretera | 966.71 | 7,511.00 | 11,760.31 | 1,655.23 | 1,563.98 | 1,514.02 | 0.00 |
| | Fuentes naturales | - | - | 100,000.97 | 686,790.35 | - | - | - |
| Sonora | Fuentes fijas | 100,410.63 | 2,046.42 | 12,286.44 | 3,187.06 | 23,322.24 | 15,152.99 | 496.14 |
| | Fuentes de área | 8,018.93 | 89,801.61 | 3,797.97 | 54,662.48 | 16,925.07 | 12,485.24 | 32,187.03 |
| | Fuentes móviles | 1,637.89 | 491,097.30 | 85,569.53 | 192,526.93 | 558.85 | 393.27 | 799.42 |
| | Fuentes móviles que no circulan por carretera | 301.75 | 3,700.18 | 8,056.76 | 841.28 | 742.58 | 713.89 | 0.00 |
| | Fuentes naturales | - | - | 76,851.66 | 477,127.76 | - | - | - |
| Tabasco | Fuentes fijas | 21,056.69 | 26,696.73 | 23,945.92 | 10,346.64 | 4,686.11 | 4,412.25 | 910.91 |
| | Fuentes de área | 1,666.37 | 75,194.27 | 2,469.55 | 35,598.60 | 11,826.09 | 9,605.61 | 16,808.61 |
| | Fuentes móviles | 894.40 | 515,143.06 | 94,378.91 | 44,972.39 | 964.71 | 860.12 | 250.12 |
| | Fuentes móviles que no circulan por carretera | 305.24 | 1,322.21 | 4,890.14 | 265.13 | 327.08 | 316.81 | 0.00 |
| | Fuentes naturales | - | - | 67,679.72 | 226,521.61 | - | - | - |
| Tamaulipas | Fuentes fijas | 119,660.19 | 87,351.42 | 41,582.55 | 15,840.19 | 12,392.47 | 10,645.20 | 1,231.96 |
| | Fuentes de área | 12,625.47 | 50,459.10 | 6,259.03 | 55,927.99 | 20,070.76 | 9,589.38 | 19,311.91 |
| | Fuentes móviles | 1,158.72 | 1,529,341.79 | 75,776.14 | 127,296.72 | 648.54 | 451.10 | 976.40 |
| | Fuentes móviles que no circulan por carretera | 1,761.90 | 7,810.54 | 12,866.16 | 1,837.61 | 1,982.16 | 1,920.59 | 0.00 |
| | Fuentes naturales | - | - | 139,247.79 | 515,641.79 | - | - | - |
| Tlaxcala | Fuentes fijas | 1,925.30 | 474.07 | 658.00 | 644.05 | 970.58 | 834.24 | 18.05 |
| | Fuentes de área | 2,989.77 | 19,587.24 | 1,510.93 | 16,816.40 | 4,858.32 | 3,054.96 | 9,756.80 |
| | Fuentes móviles | 179.92 | 357,056.72 | 10,187.79 | 25,054.79 | 98.56 | 68.51 | 137.82 |
| | Fuentes móviles que no circulan por carretera | 23.37 | 1,009.76 | 2,011.68 | 250.22 | 253.42 | 244.63 | 0.00 |
| | Fuentes naturales | - | - | 6,730.08 | 10,360.69 | - | - | - |
| Veracruz | Fuentes fijas | 295,141.10 | 314,816.01 | 67,649.16 | 31,494.49 | 59,031.84 | 53,840.05 | 7,564.55 |
| | Fuentes de área | 8,067.77 | 187,313.54 | 7,461.53 | 119,434.56 | 33,329.52 | 25,861.80 | 65,735.46 |
| | Fuentes móviles | 1,000.64 | 941,247.81 | 79,948.92 | 99,330.85 | 784.20 | 620.12 | 614.27 |
| | Fuentes móviles que no circulan por carretera | 2,837.16 | 4,614.77 | 10,887.57 | 1,122.76 | 1,347.43 | 1,302.52 | 0.00 |
| | Fuentes naturales | - | - | 179,030.42 | 618,964.49 | - | - | - |
| Yucatán | Fuentes fijas | 41,151.18 | 1,597.89 | 8,644.55 | 1,793.02 | 2,705.46 | 2,050.93 | 200.69 |
| | Fuentes de área | 5,511.62 | 42,763.15 | 1,875.83 | 32,071.57 | 12,888.70 | 7,002.29 | 14,819.92 |
| | Fuentes móviles | 403.92 | 651,174.23 | 26,718.54 | 56,580.63 | 217.28 | 148.62 | 381.41 |
| | Fuentes móviles que no circulan por carretera | 675.98 | 760.36 | 1,809.79 | 147.41 | 143.65 | 137.74 | 0.00 |
| | Fuentes naturales | - | - | 36,158.48 | 1,225,308.68 | - | - | - |
| Zacatecas | Fuentes fijas | 7.72 | 158.63 | 598.23 | 364.22 | 121.56 | 41.62 | 3.75 |

FUENTES

Secretaría de Medio Ambiente y Recursos Naturales, Dirección General de Gestión de la Calidad del Aire y RETC, Inventario Nacional de Emisiones de México 2005, México, 2012.

PUBLICACIONES

SITIOS INTERNET

SISTEMAS DE INFORMACION