

BOLETÍN ESTADÍSTICO 2018-2021-S1



ENERGÍA
ELÉCTRICA



HIDROCARBUROS



MINERÍA



AMERICAN ELECTRIC NEWS WEB

VOLUMEN ÚTIL DIARIO DE ENERGÍA POR EMBALSE (1)

Mm3 / 2018 - 2021-S1 / Fuente: XM

Volumen Util Mm3

REGIÓN HIDROLOGICA	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18
ANTIOQUIA						
AMANI	364.5400	301.2800	311.5500	370.5000	428.0800	381.5200
MIRAFLORES	75.0600	52.2420	31.1330	31.1330	52.7590	67.3120
PENOL	775.0120	697.0320	581.7400	628.8350	922.9180	953.5430
PLAYAS	52.4820	54.4950	53.1160	43.3540	25.0460	40.3750
PORCE II	43.2690	54.4280	52.2950	48.9350	50.2470	31.2200
PORCE III	85.7730	81.9520	89.5540	115.8800	101.1230	64.2280
PUNCHINA	11.2500	9.8600	31.3800	33.6100	20.6200	17.2600
RIOGRANDE2	101.5400	60.3440	34.7220	76.6720	141.5290	131.1070
SAN LORENZO	136.0700	65.9200	44.4700	106.1700	165.0400	148.1800
TRONERAS	6.6650	9.0350	13.6110	16.0420	19.1970	15.4850
CARIBE						
URRA1	970.9000	723.7400	570.1000	689.1200	873.4600	1,035.4400
CENTRO						
AGREGADO BOGOTA	292.5460	268.6040	240.7150	264.4270	288.5300	346.8850
BETANIA	473.1200	532.3600	531.3400	626.7400	639.5000	613.0600
EL QUIMBO	1,104.0100	971.4000	838.5400	942.5300	1,349.8800	1,692.9800
MUNA	4.0500	6.9500	3.3500	7.2900	12.6400	12.5000
PRADO	326.2900	398.9200	338.0800	396.9900	399.3000	224.6300
TOPOCORO	2,122.8900	1,659.7800	1,354.1300	2,036.0400	2,741.8600	2,722.6300
ORIENTE						
CHUZA	130.4020	131.6510	134.6770	131.1420	148.5210	207.1470
ESMERALDA	382.6500	246.6200	114.9100	140.1500	275.3000	525.4900
GUAVIO	398.6650	291.4200	137.3500	232.8520	485.2070	743.7480
VALLE						
ALTOANCHICAYA	1.9300	1.2700	7.7200	8.5500	19.4100	13.8400
CALIMA1	341.3900	286.5700	211.8100	242.7200	295.4900	340.0200
SALVAJINA	354.6000	286.2300	173.0300	203.9200	504.7400	646.6500



VOLUMEN ÚTIL DIARIO DE ENERGÍA POR EMBALSE (1)

Mm3 / 2018 - 2021-S1 / Fuente: XM

Volumen Util Mm3

REGIÓN HIDROLOGICA	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
ANTIOQUIA						
AMANI	400.1900	388.5100	388.8600	429.8700	442.9500	360.3900
MIRAFLORES	80.6720	91.2130	88.0470	91.6220	91.4850	81.3850
PENOL	955.9580	898.0250	921.7250	1,035.2780	1,063.4710	979.0760
PLAYAS	31.7390	52.6530	44.4660	27.4060	51.4420	38.6830
PORCE II	41.2670	41.2670	49.0810	49.7360	60.3860	66.3870
PORCE III	64.5780	89.1720	75.0730	105.5540	104.1050	101.3460
PUNCHINA	49.1300	19.3200	19.8600	20.1400	12.0500	15.5600
RIOGRANDE2	109.8900	107.7060	126.3740	139.8180	145.0790	117.7040
SAN LORENZO	145.7400	141.1100	150.4400	166.0700	138.2500	127.4800
TRONERAS	19.4610	21.9460	4.4790	7.5940	17.9020	4.5910
CARIBE						
URRA1	1,047.0000	954.7200	1,027.8200	1,127.5700	1,142.6300	1,051.3400
CENTRO						
AGREGADO BOGOTA	404.6270	428.3740	426.6820	417.7930	408.4950	390.8020
BETANIA	615.3200	643.0200	526.2700	589.1000	532.3600	475.0400
EL QUIMBO	1,701.9800	1,865.1800	1,847.8500	1,803.4600	1,813.3600	1,654.7900
MUNA	12.2300	10.3300	6.7800	5.8800	6.7800	3.6400
PRADO	58.5600	19.2500	34.2800	188.9300	362.3200	261.9100
TOPOCORO	2,721.9500	2,625.0700	2,116.5100	2,481.7500	2,691.1300	2,090.4400
ORIENTE						
CHUZA	222.4380	221.8460	221.4320	208.2820	166.8100	113.8230
ESMERALDA	576.3600	577.8000	574.1200	498.1700	425.7600	387.9000
GUAVIO	750.2410	741.0830	692.2520	690.1750	726.9530	614.6980
VALLE						
ALTOANCHICAYA	17.1100	5.8800	2.0800	30.1400	21.2100	345.6900
CALIMA1	353.9500	366.8600	351.9800	346.2800	395.2700	431.7900
SALVAJINA	605.1500	440.4100	202.8100	139.2000	437.3500	

VOLUMEN ÚTIL DIARIO DE ENERGÍA POR EMBALSE (1)

Mm3 / 2018 - 2021-S1 / Fuente: XM

Volumen Util Mm3

REGIÓN HIDROLOGICA	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19
ANTIOQUIA						
AMANI	261.1700	296.2100	221.3300	334.0800	313.4300	353.4900
MIRAFLORES	63.2460	40.8380	27.5660	30.2440	44.2100	54.4810
PENOL	893.3220	801.0720	677.7320	672.5600	797.7200	872.2870
PLAYAS	39.8940	41.1820	35.7800	36.5660	56.7240	50.8930
PORCE II	69.8210	51.9290	51.0500	42.3250	56.5720	46.1120
PORCE III	112.2840	72.4360	91.5450	61.2050	108.0370	63.4990
PUNCHINA	7.9700	23.4700	21.1400	11.5400	25.0500	17.4500
RIOGRANDE2	84.4290	49.6720	43.2260	106.0130	142.0020	120.7140
SAN LORENZO	83.2300	41.1400	53.6400	66.5400	148.9600	127.3900
TRONERAS	9.0980	12.8070	12.3090	12.0290	22.5060	11.6490
CARIBE						
URRA1	857.6500	575.5900	427.4900	467.3400	923.8800	945.6800
CENTRO						
AGREGADO BOGOTA	366.1590	335.1960	311.7450	308.3890	309.6470	350.1070
BETANIA	612.4900	484.2000	565.7900	630.2000	755.9800	543.1600
EL QUIMBO	1,475.2500	1,261.2700	1,116.8100	1,107.9100	1,352.3100	1,936.8400
MUNA	4.8400	3.9500	5.2800	10.4000	5.9900	12.6400
PRADO	208.7100	180.6300	238.4900	430.1400	475.3600	489.5000
TOPOCORO	1,407.5000	1,143.3600	1,038.8600	1,859.9300	2,289.8500	2,390.1700
ORIENTE						
CHUZA	95.3060	96.3830	103.6670	99.0000	97.5870	128.6980
ESMERALDA	284.4800	172.9300	106.4400	65.8960	101.0940	258.2990
GUAVIO	433.2360	280.4620	189.5380	200.1120	304.0860	725.0710
VALLE						
ALTOANCHICAYA	4.7100	12.1900	6.8500	7.2200	6.3500	29.9400
CALIMA1	257.1400	202.0800	196.2400	240.5000	282.7300	315.2200
SALVAJINA	299.5500	306.9400	271.6600	494.8500	647.2200	628.6500

VOLUMEN ÚTIL DIARIO DE ENERGÍA POR EMBALSE (1)

Mm3 / 2018 - 2021-S1 / Fuente: XM

Volumen Util Mm3

REGIÓN HIDROLOGICA	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
ANTIOQUIA						
AMANI	314.0600	302.7000	336.2500	374.1300	396.5900	398.2300
MIRAFLORES	62.5080	54.4300	56.6620	71.3440	78.6110	74.1230
PENOL	862.4320	766.7830	681.4660	764.5920	767.3320	772.8170
PLAYAS	31.7840	31.6800	34.7200	37.8320	26.9150	23.4400
PORCE II	54.7970	48.4780	65.6660	66.9230	64.4810	45.6150
PORCE III	73.7790	77.5750	48.8580	89.8260	120.6850	63.1230
PUNCHINA	26.4900	6.6200	22.9900	17.8900	12.4400	28.1300
RIOGRANDE2	101.5930	61.5490	49.4300	107.7720	121.0190	127.5680
SAN LORENZO	123.5900	107.4300	108.8800	139.0100	145.5500	142.7400
TRONERAS	13.3530	1.9410	11.1400	16.9720	7.0710	5.0090
CARIBE						
URRA1	988.4800	917.6700	887.9500	1,094.7600	1,059.4000	1,188.3000
CENTRO						
AGREGADO BOGOTA	375.3270	403.1710	395.9820	387.1640	386.4090	376.8420
BETANIA	641.2600	662.6600	516.2000	578.1800	565.7900	530.8300
EL QUIMBO	2,360.2600	2,211.2500	1,963.3900	1,950.1100	1,899.9700	1,618.2000
MUNA	11.4800	8.7200	8.9700	3.9500	5.8800	9.1600
PRADO	436.9000	263.6500	198.6000	208.7100	407.8200	456.8700
TOPOCORO	2,276.1700	1,881.4700	1,453.2900	1,856.8600	2,341.4900	2,247.6000
ORIENTE						
CHUZA	187.4200	221.1370	221.4910	220.3120	192.0490	150.5240
ESMERALDA	384.2570	510.6810	397.9230	326.6190	245.1220	71.0720
GUAVIO	747.3090	706.5180	709.3650	698.8730	691.3960	669.1140
VALLE						
ALTOANCHICAYA	10.4200	0.4900	7.8400	1.3900	10.2600	26.4600
CALIMA1	333.6400	319.4100	239.1300	272.1900	327.8500	343.1800
SALVAJINA	611.9800	420.8800	175.8800	146.7300	318.3700	408.1200

VOLUMEN ÚTIL DIARIO DE ENERGÍA POR EMBALSE (1)

Mm3 / 2018 - 2021-S1 / Fuente: XM

Volumen Util Mm3

REGIÓN HIDROLOGICA	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
ANTIOQUIA						
AMANI	224.2900	143.9800	97.7000	104.0500	139.6100	175.9100
MIRAFLORES	62.9610	36.9280	16.3210	20.0990	3.5630	15.9200
PENOL	644.4300	520.4130	384.5740	386.8980	389.6130	488.6380
PLAYAS	32.7360	27.6800	29.4800	38.3910	31.4600	24.6700
PORCE II	48.5650	50.8970	47.9770	43.1760	56.6010	53.7060
PORCE III	57.7640	76.1640	84.0840	35.9340	69.6280	62.3230
PUNCHINA	21.6200	34.4200	29.5700	16.0700	24.0600	38.3000
RIOGRANDE2	97.6770	56.1090	20.8360	19.5910	16.7620	50.3310
SAN LORENZO	111.8800	64.3400	45.4000	62.6500	74.0100	115.3500
TRONERAS	15.6710	6.2330	11.1120	39.9420	11.2240	8.3750
CARIBE				8.3210		
URRA1	1,013.5000	783.7100	482.6900		693.8700	748.6900
CENTRO				418.6300		
AGREGADO BOGOTA	355.2050	332.4160	310.1870		288.5100	304.9040
BETANIA	622.1500	610.7990	635.4160	292.5490	605.1820	615.5730
EL QUIMBO	1,326.1600	1,025.9400	950.8460	560.4610	1,196.7400	1,345.6240
MUNA	6.1000	10.4700	9.6100	836.5590	8.7200	6.2200
PRADO	359.6100	243.9900	224.1700	6.2200	193.4800	263.1200
TOPOCORO	1,522.6800	874.4500	499.5500	183.0300	696.6100	1,435.5000
ORIENTE				737.1700		
CHUZA	111.1130	113.9970	121.3490		111.0270	138.7240
ESMERALDA	35.2030	31.2590	27.8420	109.1110	78.1550	186.8370
GUAVIO	538.8360	405.0690	265.3280	24.1250	215.6710	430.1350
VALLE				155.1710		
ALTOANCHICAYA	331.7100	3.1300	4.2100		10.2800	15.8100
CALIMA1	320.1500	263.0600	214.6300	176.6400	192.6000	222.0700
SALVAJINA	450.3200	254.1500	181.5800	212.4700	321.6000	506.6600

VOLUMEN ÚTIL DIARIO DE ENERGÍA POR EMBALSE (1)

Mm3 / 2018 - 2021-S1 / Fuente: XM

Volumen Util Mm3

REGIÓN HIDROLOGICA	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
ANTIOQUIA						
AMANI	268.3900	345.7900	344.8600	344.6200	378.6900	402.3400
MIRAFLORES	28.4600	37.1920	45.6490	58.7760	72.8200	78.4830
PENOL	642.2600	718.7640	871.7050	915.7760	1,012.9140	973.6440
PLAYAS	40.2820	36.0620	51.8930	44.2860	50.5990	45.9200
PORCE II	64.8490	66.6850	63.1200	50.8310	67.1540	51.0580
PORCE III	79.2610	50.0550	116.4970	47.6180	88.7400	80.0450
PUNCHINA	15.9700	21.7300	23.6500	38.4500	37.1800	24.6600
RIOGRANDE2	84.1460	84.5190	98.0040	106.5690	144.4540	127.5800
SAN LORENZO	135.3200	145.1600	140.2500	135.1300	144.4800	138.8200
TRONERAS	18.7480	16.5810	23.1950	8.6630	17.6520	18.7480
CARIBE						
URRA1	972.8000	1,038.8400	1,004.7000	1,025.5000	1,105.8800	1,165.4000
CENTRO						
AGREGADO BOGOTA	334.4100	333.9120	322.7440	307.1140	336.8270	327.7440
BETANIA	630.9290	555.8520	557.8620	505.6680	628.1630	604.2330
EL QUIMBO	1,706.1340	1,550.4460	1,609.4860	1,484.1680	1,281.4960	1,204.8850
MUNA	10.6700	5.5000	3.6900	5.1100	11.8900	7.0600
PRADO	323.2200	218.4300	162.8100	64.9300	347.4900	438.3200
TOPOCORO	1,968.9300	1,795.1400	1,500.6200	1,858.0800	2,706.1800	2,319.2700
ORIENTE						
CHUZA	167.9900	192.5420	211.3090	214.5930	202.9720	157.5020
ESMERALDA	392.2530	444.1870	451.2280	401.9940	515.5360	442.1720
GUAVIO	616.6470	632.5980	649.9500	578.8550	617.3360	591.7940
VALLE						
ALTOANCHICAYA	4.1600	2.1300	2.3400	17.7000	7.7100	15.4500
CALIMA1	247.4100	257.0300	256.5000	215.6200	227.7500	263.7700
SALVAJINA	601.1100	350.9400	66.5500	23.5800	184.9600	467.5900

VOLUMEN ÚTIL DIARIO DE ENERGÍA POR EMBALSE (1)

Mm3 / 2018 - 2021-S1 / Fuente: XM

Volumen Util Mm3

REGIÓN HIDROLOGICA	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21
ANTIOQUIA						
AMANI	382.5900	290.0600	231.4100	275.9500	389.99	407.66
MIRAFLORES	75.0600	71.2220	70.0650	84.4480	92.44	91.213
PENOL	908.6590	793.8810	868.4520	918.1490	1,074.31	1,068.25
PLAYAS	28.0150	53.1830	29.6950	36.2960	49.946	54.947
PORCE II	53.2060	51.9580	38.6400	62.6350	42.708	39.948
PORCE III	98.8780	70.6910	82.3820	68.6030	85.688	81.598
PUNCHINA	18.4000	30.0200	22.6100	15.0600	21.12	20.72
RIOGRANDE2	101.3530	86.5240	125.5680	116.5850	143.472	141.999
SAN LORENZO	135.1300	118.6600	110.8900	80.8200	178.07	166.68
TRONERAS	9.8020	11.0420	8.4330	17.8430	22.846	21.471
CARIBE						
URRA1	1,002.2700	818.2500	709.0200	675.1700	923.11	1,014.27
CENTRO						
AGREGADO BOGOTA	309.5970	293.2640	296.7140	294.5760	339.388	378.875
BETANIA	583.0300	599.9530	579.7990	698.8280	522.25	480.543
EL QUIMBO	1,184.5230	1,280.9010	1,951.3940	1,926.4230	2,216.86	2,251.81
MUNA	6.5000	6.2700	5.4400	11.4800	11.96	11.82
PRADO	336.6100	286.1200	410.2700	379.5300	431.98	498.02
TOPOCORO	1,436.8500	1,064.0300	1,283.6600	1,777.1200	2,430.79	2,668.47
ORIENTE						
CHUZA	127.3220	107.2120	113.0890	120.3230	150.426	174.58
ESMERALDA	366.8930	239.1160	156.5830	219.5190	330.535	487.963
GUAVIO	468.3870	308.8710	356.4130	447.2020	747.182	741.337
VALLE						
ALTOANCHICAYA	6.5300	12.2900	2.3800	10.5200	10.93	5.51
CALIMA1	293.6100	226.2400	265.5500	309.1500	379.27	417.45
SALVAJINA	350.2700	316.2800	373.0400	371.8300	545.55	640.57

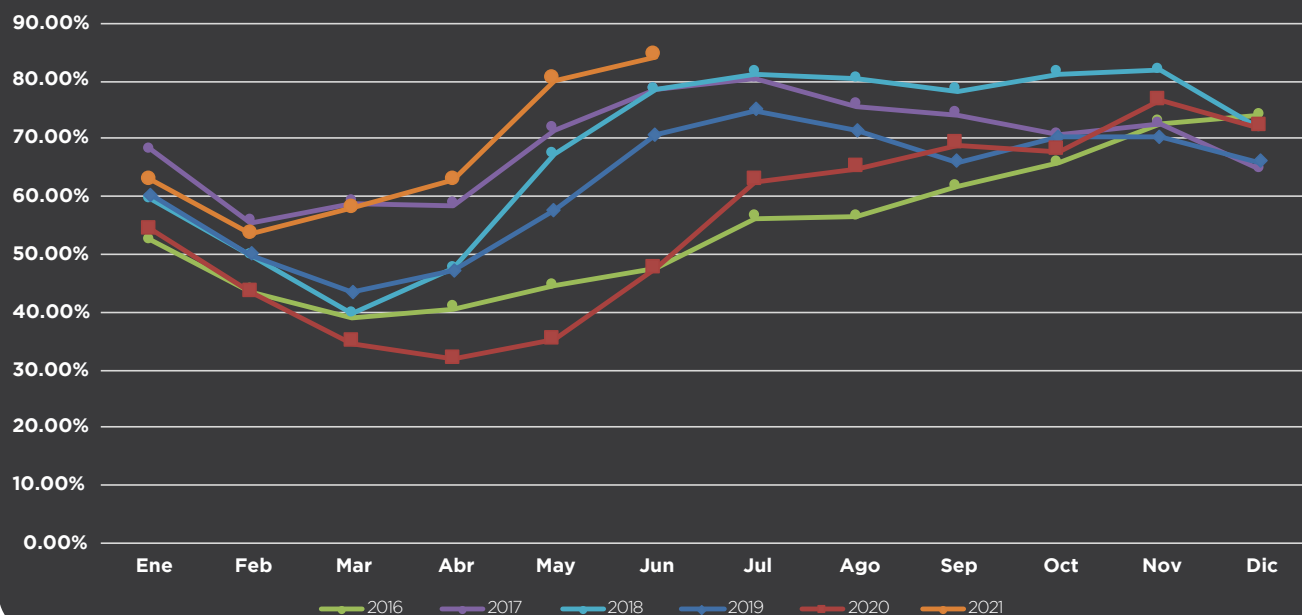
EVOLUCIÓN MENSUAL DEL VOLUMEN ÚTIL DIARIO (%) / 2016 - JUNIO 2021

Embalse %

Mes	2016	2017	2018	2019	2020	2021-S1
Ene	52.33 %	67.98 %	59.39 %	60.08 %	54.18 %	62.78 %
Feb	43.58 %	55.41 %	49.60 %	49.88 %	43.43 %	53.49 %
Mar	38.98 %	58.81 %	39.66 %	43.28 %	34.62 %	57.88 %
Abr	40.53 %	58.49 %	47.46 %	47.09 %	31.81 %	62.81 %
May	44.48 %	71.55 %	67.29 %	57.59 %	35.16 %	80.14 %
Jun	47.49 %	78.38 %	78.49 %	70.63 %	47.46 %	84.26 %
Jul	56.30 %	80.19 %	81.23 %	74.86 %	62.53 %	
Ago	56.46 %	75.58 %	80.27 %	71.40 %	64.78 %	
Sep	61.61 %	74.18 %	78.30 %	65.96 %	68.93 %	
Oct	65.71 %	70.56 %	81.18 %	70.15 %	67.85 %	
Nov	72.69 %	72.36 %	81.72 %	70.28 %	76.55 %	
Dic	73.85 %	64.56 %	71.73 %	65.83 %	71.88 %	

Fuente: XM, Elaboró: Upme

Evolución Mensual del Volumen Util Diario





APORTES MENSUALES RIOS ENERGÍA

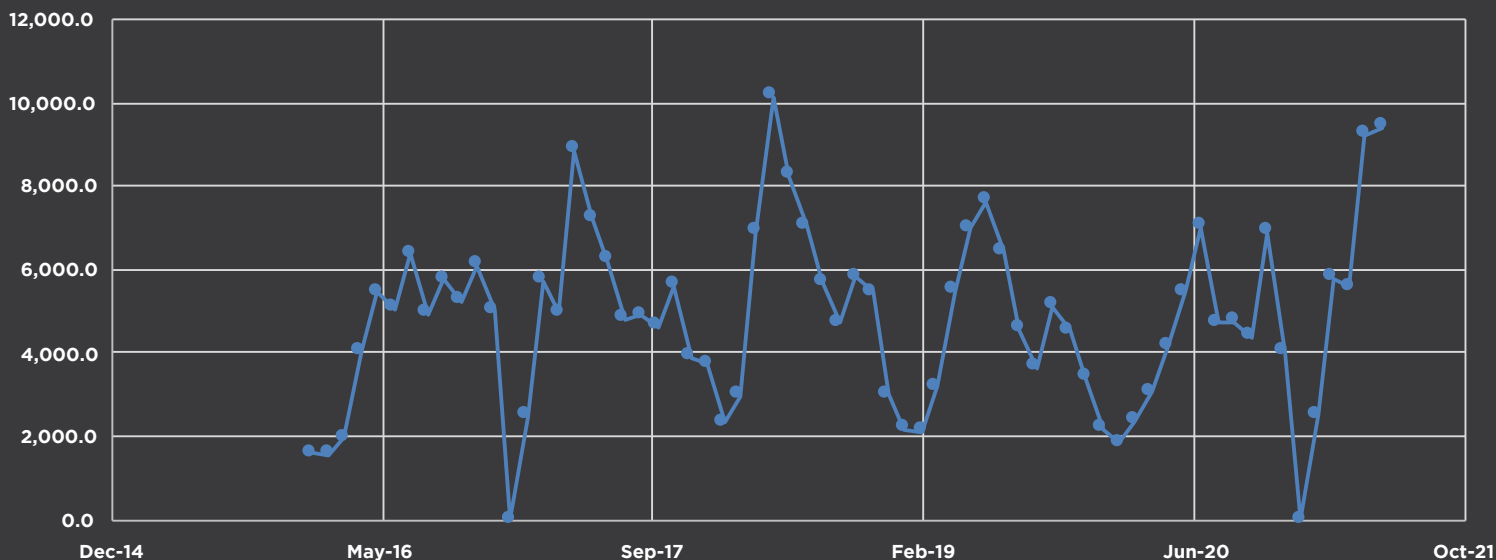
GWh / 2016 - 2021-(S1)

Aportes Reales

Mes	Aportes Mensuales Rios Energía GWh	Mes	Aportes Mensuales Rios Energía GWh	Mes	Aportes Mensuales Rios Energía GWh	Mes	Aportes Mensuales Rios Energía GWh	Mes	Aportes Mensuales Rios Energía GWh	Mes	Aportes Mensuales Rios Energía GWh
Jan-16	1,595.9	Jan-17	3,960.1	Jan-18	3,736.1	Jan-19	2,186.9	Jan-20	2,167.6	Jan-21	3,061.8
Feb-16	1,565.7	Feb-17	2,488.3	Feb-18	2,339.0	Feb-19	2,104.2	Feb-20	1,852.2	Feb-21	2,508.9
Mar-16	1,961.1	Mar-17	5,719.3	Mar-18	2,984.0	Mar-19	3,179.1	Mar-20	2,362.5	Mar-21	5,807.5
Apr-16	4,050.8	Apr-17	4,969.9	Apr-18	6,908.7	Apr-19	5,497.5	Apr-20	3,056.9	Apr-21	5,587.7
May-16	5,447.7	May-17	8,865.9	May-18	10,160.6	May-19	6,995.1	May-20	4,147.0	May-21	9,218.9
Jun-16	5,052.8	Jun-17	7,235.4	Jun-18	8,237.3	Jun-19	7,629.4	Jun-20	5,456.4	Jun-21	9,405.0
Jul-16	6,372.6	Jul-17	6,218.8	Jul-18	7,059.9	Jul-19	6,449.3	Jul-20	7,017.3		
Aug-16	4,938.5	Aug-17	4,811.7	Aug-18	5,712.5	Aug-19	4,582.2	Aug-20	4,728.5		
Sep-16	5,761.1	Sep-17	4,901.4	Sep-18	4,721.1	Sep-19	3,649.3	Sep-20	4,754.6		
Oct-16	5,246.3	Oct-17	4,617.8	Oct-18	5,815.9	Oct-19	5,112.2	Oct-20	4,372.3		
Nov-16	6,101.8	Nov-17	5,600.2	Nov-18	5,456.4	Nov-19	4,549.8	Nov-20	6,892.0		
Dec-16	5,023.7	Dec-17	3,878.8	Dec-18	2,988.9	Dec-19	3,416.8	Dec-20	4,001.7		

Fuente: XM, Elaboró: Upme

Aportes Mensuales Rios Energía GWh



APORTES ENERGÍA

GWh / 2018-2021 (S1)

Aporte Rios

REGIÓN HIDROLOGICA	Año 2018		Año 2019		Año 2020		Año 2021
	Junio	Diciembre	Junio	Diciembre	Junio	Diciembre	Junio
ANTIOQUIA	2,433.2161	1,675.1704	2,380.5929	1,693.5073	1,785.6224	2,004.5694	4,354.5576
A. SAN LORENZO	320.5898	152.7471	226.5216	162.3292	276.2779	184.5567	700.6539
CARLOS LLERAS	160.8727	152.5042	212.0064	97.5597	114.9339	71.6760	190.0301
CONCEPCION	74.7485	38.1171	76.9986	44.3555	54.4933	41.9558	111.4472
DESV. EEPPI (NEC,PAJ,DOL)	11.4085	59.4065	70.7754	62.2385	63.3188	69.4615	33.9437
DESV. GUARINO	11.1796	7.4808	20.6689	14.5085	2.2556	28.1890	
DESV. MANSO	1.2953	1.6998	2.3113	10.4950	2.3419	8.2886	3.8804
GRANDE	372.8710	255.2219	367.6375	252.4017	234.2131	293.3914	679.2549
GUADALUPE	239.1562	108.8280	195.6993	109.8050	161.5223	119.2152	408.7378
GUATAPE	172.3845	159.5904	158.0474	176.9311	136.0692	185.1215	271.6561
MIEL I	61.7225	85.7037	58.5826	96.7762	44.6054	135.2375	146.0513
NARE	582.3893	373.8799	600.9064	328.3089	338.2718	478.4665	1,068.5125
PORCE III	47.7202	52.7953	65.2117	30.4309	32.3481	46.8826	67.9973
PORCE2 CP	231.2112	122.2115	136.8310	96.4634	145.0356	112.3824	354.7809
QUEBRADONA				1.9077	1.7799	2.2226	5.1024
SAN CARLOS	97.2193	76.3559	97.6848	149.6833	95.9876	158.5724	174.2008
SAN MIGUEL			41.4034	36.8141	42.1076	49.3682	62.1750
TENCHE	48.4475	28.6283	49.3066	22.4986	40.0604	19.5815	76.1333
CARIBE	191.2720	67.7371	188.0147	83.3153	102.0024	120.4478	179.5880
SINU URRRA	191.2720	67.7371	188.0147	83.3153	102.0024	120.4478	179.5880
CENTRO	2,110.8465	637.9134	2,082.8782	863.2707	1,450.0120	1,079.6760	2,146.7053
AMOYA	99.9780	30.9363	118.8760	54.6453	75.4477	42.4525	32.2115
BETANIA CP	107.2755	48.8890	107.2681	61.3144	74.4565	56.4342	90.4937
BOGOTA N.R.	870.6948	124.1116	794.2976	208.8398	477.9064	389.3866	918.9722
CUCUANA	35.1202	13.5943	26.8736	16.0542	23.8940	18.2487	21.6085
DESV. SAN MARCOS	7.8687	4.4998	6.7677	5.5446	4.8137	11.4165	7.2470
EL QUIMBO	496.4793	177.3500	520.6924	264.3817	366.9213	202.7460	454.8816
PRADO	21.2924	25.1881	17.8356	29.7114	16.0371	24.6238	34.5267
SOGAMOSO	472.1376	213.3443	490.2672	222.7793	410.5353	334.3677	586.7641
ORIENTE	3,005.7898	180.2225	2,588.3696	321.1648	1,800.2491	321.7073	2,250.7661
BATA	1,084.7968	67.8345	847.8663	107.8882	568.0262	141.1616	865.5607
CHUZA	446.7555	16.0832	345.4319	54.8489	310.9464	24.8436	274.9290
GUAVIO	1,474.2375	96.3048	1,395.0714	158.4277	921.2765	155.7021	1,110.2764
RIOS ESTIMADOS	181.2557	112.6836	145.9646	82.4847	73.5474	95.3592	137.5945
OTROS RIOS (ESTIMADOS)	181.2557	112.6836	145.9646	82.4847	73.5474	95.3592	137.5945
VALLE	285.5495	282.4676	309.4057	360.4193	245.0031	379.9505	335.8346
ALTOANCHICAYA	151.5870	123.2894	151.8887	190.2123	134.2032	199.8538	160.9285
CALIMA	23.2184	20.0399	16.0667	24.4308	15.2938	18.9348	25.3051
CAUCA SALVAJINA	88.6830	121.3368	120.6527	119.1297	74.8362	134.3961	126.9259
DIGUA	11.0717	10.5777	12.6382	19.1661	12.2531	20.1138	13.8259
FLORIDA II	10.9894	7.2238	8.1594	7.4804	8.4168	6.6520	8.8492
TOTAL GENERAL	3,479.9895	2,092.4345	3,358.3879	2,271.1669	2,534.3158	2,591.1986	5,202.4258

Fuente: XM, Elaboró: Upme



VOLUMEN %

2018-2021

Volumen %

Región/embalse	2018	2019	2020	2021
ANTIOQUIA	89%	82%	82%	82%
AMANI	88%	82%	82%	82%
MIRAFLORES	71%	59%	59%	59%
PENOL	92%	85%	85%	85%
PLAYAS	87%	103%	103%	103%
PORCE II	55%	67%	67%	67%
PORCE III	59%	58%	58%	58%
PUNCHINA	45%	45%	45%	45%
RIOGRANDE2	97%	91%	91%	91%
SAN LORENZO	92%	81%	81%	81%
TRONERAS	79%	66%	66%	66%
CARIBE	87%	82%	82%	82%
URRA1	87%	82%	82%	82%
CENTRO	62%	62%	62%	62%
AGREGADO BOGOTA	42%	42%	42%	42%
BETANIA	88%	82%	82%	82%
EL QUIMBO	76%	85%	85%	85%
MUNA	99%	100%	100%	100%
PRADO	74%	109%	109%	109%
TOPOCORO	99%	89%	89%	89%
ORIENTE	95%	74%	74%	74%
CHUZA	94%	62%	62%	62%
ESMERALDA	90%	46%	46%	46%
GUAVIO	97%	95%	95%	95%
VALLE	84%	85%	85%	85%
ALTOANCHICAYA	53%	95%	95%	95%
CALIMA1	84%	79%	79%	79%
SALVAJINA	92%	89%	89%	89%

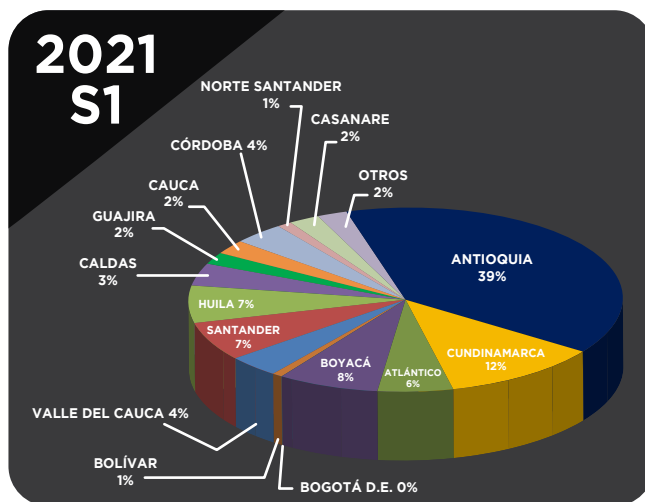
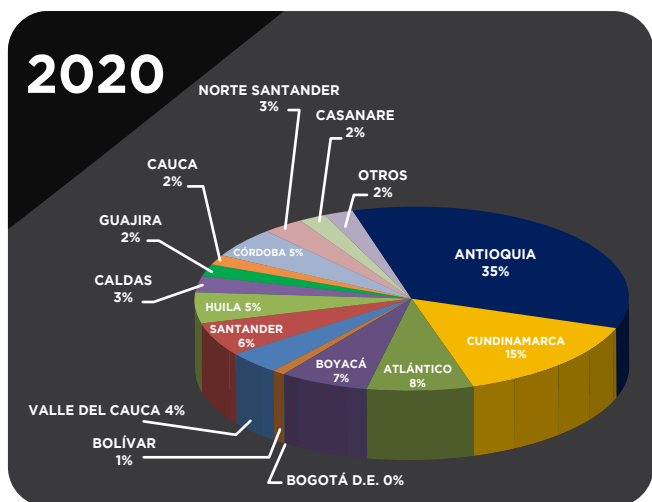
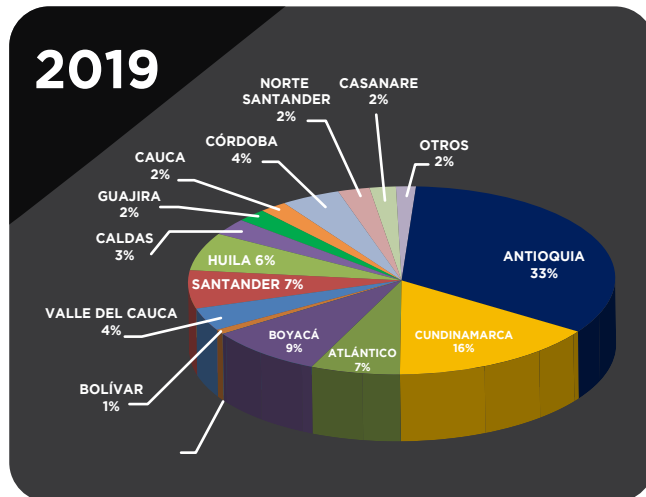
Fuente: XM, Elaboró: Upme



PARTICIPACIÓN DE LA GENERACIÓN DE ENERGÍA ELÉCTRICA SIN POR DEPARTAMENTO / %

Generación por departamento

Región/embalse	2018	2019	2020	2021 - S1
ANTIOQUIA	24,655.89	23,182.53	24,074.69	13,794.50
CUNDINAMARCA	10,003.65	10,794.29	10,310.45	4,105.69
ATLÁNTICO	5,481.45	4,703.90	5,470.93	1,970.14
BOYACÁ	5,902.00	6,140.24	4,598.63	2,663.40
BOGOTÁ D.E.	20.49	12.08	9.09	9.13
BOLÍVAR	801.97	557.94	655.57	269.79
VALLE DEL CAUCA	2,627.56	2,746.56	2,797.07	1,371.05
SANTANDER	4,580.68	4,553.05	4,100.38	2,422.39
HUILA	4,032.06	4,499.37	3,766.90	2,307.00
CALDAS	2,401.98	1,973.77	1,965.84	1,389.30
GUAJIRA	1,232.13	1,528.29	1,469.21	720.64
CAUCA	1,405.96	1,422.14	1,177.63	863.61
CÓRDOBA	2,126.57	3,086.72	3,642.92	1,341.08
NORTE SANTANDER	821.15	1,661.96	2,109.93	381.59
CASANARE	1,288.16	1,373.93	1,396.77	804.29
OTROS	906.56	1,043.16	1,500.47	781.05
TOLIMA	706.46	760.41	1,066.33	565.92
RISARALDA	37.72	129.23	260.96	129.77
NARIÑO	136.80	130.09	148.78	78.12
QUINDÍO	22.65	20.80	21.85	6.68
PUTUMAYO	2.94	2.63	2.55	0.56





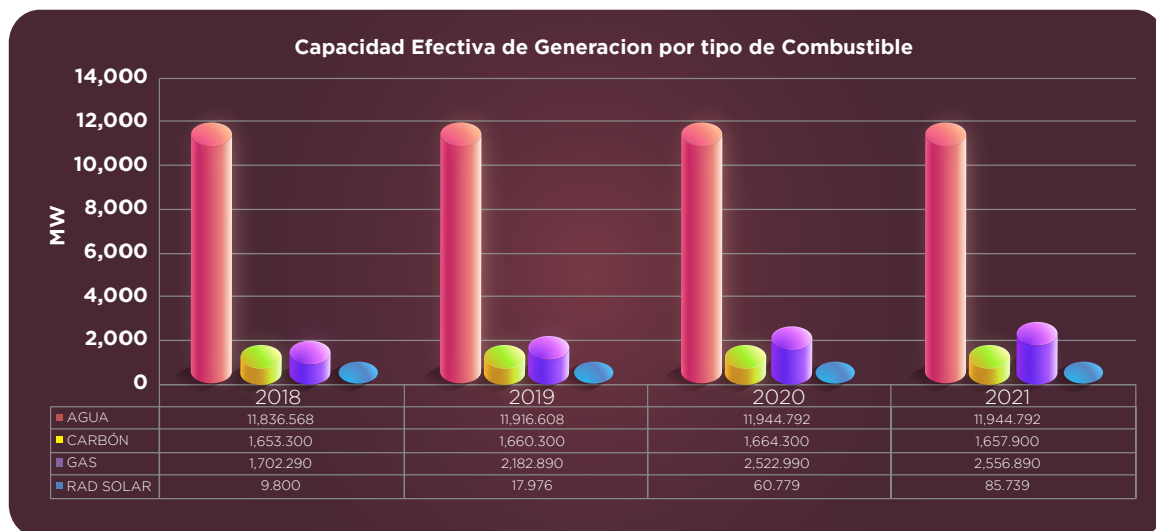
CAPACIDAD EFECTIVA DE GENERACION POR TIPO DE COMBUSTIBLE *

MW / 2018- 2021 (S1)

Total Capacidad (2)

Row Labels	ACPM	AGUA	BAGAZO	BIOGAS	CARBÓN	COMBUSTOLEO	GAS	JET-A1	MEZCLA GAS - JET-A1
2018	1,240.000	11,836.568	139.600	5.550	1,653.300	399.000	1,702.290	44.000	279.000
2019	926.000	11,916.608	139.600	5.550	1,660.300	272.000	2,182.890	44.000	279.000
2020	807.000	11,944.792	139.600	11.050	1,664.300	272.000	2,522.990	44.000	279.000
2021 S1	807.000	11,944.792	145.300	11.050	1,657.900	268.000	2,556.890	44.000	

Row Labels	RAD SOLAR	VIENTO	TOTAL GENERAL
2018	9.800	18.420	16,484.018
2019	17.976	18.420	16,597.018
2020	60.779	18.420	16,837.448
2021 S1	85.739	18.420	17,720.528



Etiquetas de fila	2015	2016	2017	2018
ACPM	1,247.000	931.000	1,248.000	1,240.000
AGUA	11,500.548	11,606.398	11,725.628	12,258.368
BAGAZO	93.200	91.800	130.700	142.700
BIOGAS		2.250	3.950	3.950
BIOMASA		1.700		
CARBON	1,348.400	1,355.500	1,369.000	1,727.000
COMBUSTOLEO	299.000	187.000	314.000	309.000
GAS	1,667.450	2,092.950	1,707.950	1,703.290
JET-A1	46.000	46.000	46.000	44.000
MEZCLA GAS - JET-A1	264.000	264.000	264.000	264.000
RAD SOLAR			9.800	9.800
VIENTO	18.420	18.420	18.420	18.420
Total general	16,484.018	16,597.018	16,837.448	17,720.528



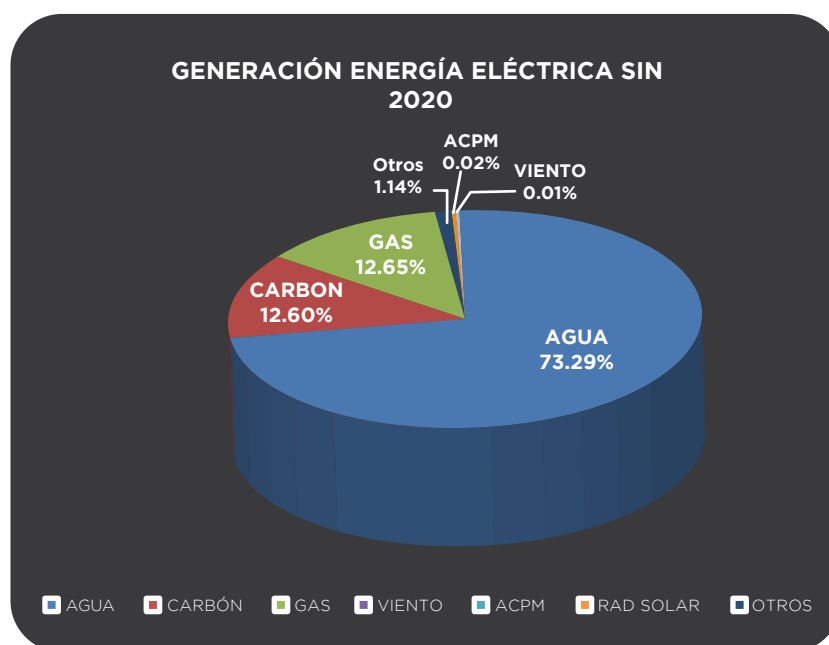
GENERACIÓN ENERGÍA ELÉCTRICA SIN

GWh / 2018 - junio 2021

Generación x cc

	AGUA	CARBÓN	GAS	VIENTO	ACPM	RAD SOLAR	COMBUSTOLEO	JET-A1	MEZCLA GAS - JET-A1
2018	56,651.24	3,687.56	6,960.53	43.44	13.55	12.00	115.21		0.36
2019	54,437.00	7,252.23	7,088.52	63.32	14.77	132.06	35.47		
2020	49,837.35	8,565.51	8,602.74	10.12	13.47	190.80	17.59		
2021 S1	28,479.96	2,494.67	3,900.47	35.61	4.17	142.96	4.32		

	QUEROSENE	BAGAZO	BIOMASA	OTROS	TOTAL	OTROS
2018		725.33	4.51		68,213.7	845.4
2019		699.39	2.36	35.7	69,760.9	772.9
2020		724.44	1.35	33.4	67,996.7	776.7
2021 S1		364.08	2.25	381.2	35,809.7	751.9



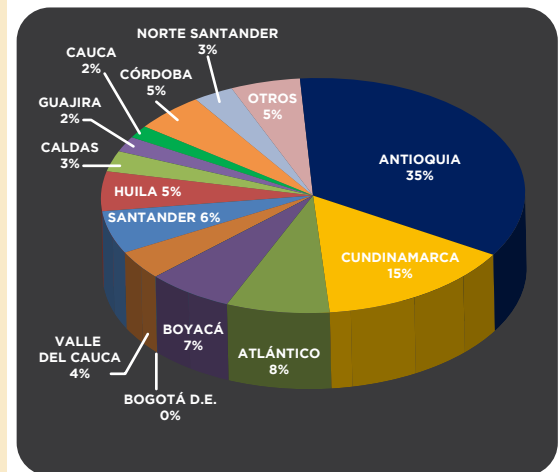
Fuente: XM, Elaboró: Upme

GENERACIÓN ENERGÍA ELECTRICA SIN

GWh / 2018 - junio 2021

Generación por Depto

Departamento	2018	2019	2020	2021-S1
ANTIOQUIA	24,655.893	23,182.531	24,074.691	13,794.502
ARAUCA	0.000	7.377	35.536	30.707
ATLÁNTICO	5,481.454	4,703.900	5,470.928	1,970.139
BOGOTÁ D.E.	20.494	12.079	9.090	9.126
BOLÍVAR	801.971	557.941	655.570	269.791
BOYACÁ	5,902.001	6,140.242	4,598.631	2,663.399
CALDAS	2,401.982	1,973.772	1,965.839	1,389.305
CASANARE	1,288.161	1,373.928	1,396.766	804.295
CAUCA	1,405.964	1,422.145	1,177.630	863.613
CESAR	1.179	112.237	136.138	59.997
CÓRDOBA	2,126.568	3,086.721	3,642.921	1,341.079
CUNDINAMARCA	10,003.654	10,794.285	10,310.453	4,105.688
GUAJIRA	1,232.132	1,528.286	1,469.214	720.642
HUILA	4,032.064	4,499.368	3,766.896	2,307.000
MAGDALENA	9.802	300.553	152.244	105.007
META	58.455	94.411	93.704	129.657
NARIÑO	146.977	135.600	134.094	74.709
NORTE SANTANDER	821.152	1,661.959	2,109.929	381.586
PUTUMAYO	1.378	1.896	16.236	7.748
QUINDÍO	18.188	22.833	26.769	14.557
RISARALDA	256.110	222.823	248.856	136.231
SANTANDER	4,580.676	4,553.049	4,100.382	2,422.386
SUCRE	2.696	12.948	15.737	3.108
TOLIMA	1,071.722	967.154	918.231	510.569
VALLE DEL CAUCA	2,627.562	2,746.560	2,797.071	1,371.055
TOTAL GENERAL	70,966.232	72,133.598	71,343.556	35,485.894



Participación (%) de la Generación de energía eléctrica SIN por departamento 2020

ANTIOQUIA	24,074.69
CUNDINAMARCA	10,310.45
ATLÁNTICO	5,470.93
BOYACÁ	4,598.63
BOGOTÁ D.E.	9.09
VALLE DEL CAUCA	2,797.07
SANTANDER	4,100.38
HUILA	3,766.90
CALDAS	1,965.84
GUAJIRA	1,469.21
CAUCA	1,177.63
CÓRDOBA	3,642.92
NORTE SANTANDER	2,109.93
OTROS	3,658.21

CASANARE
TOLIMA
RISARALDA
NARIÑO
QUINDÍO
PUTUMAYO
MAGDALENA
META
SUCRE
BOLÍVAR



CONSUMO COMBUSTIBLE

MBTU / 2018 - 2021 S1

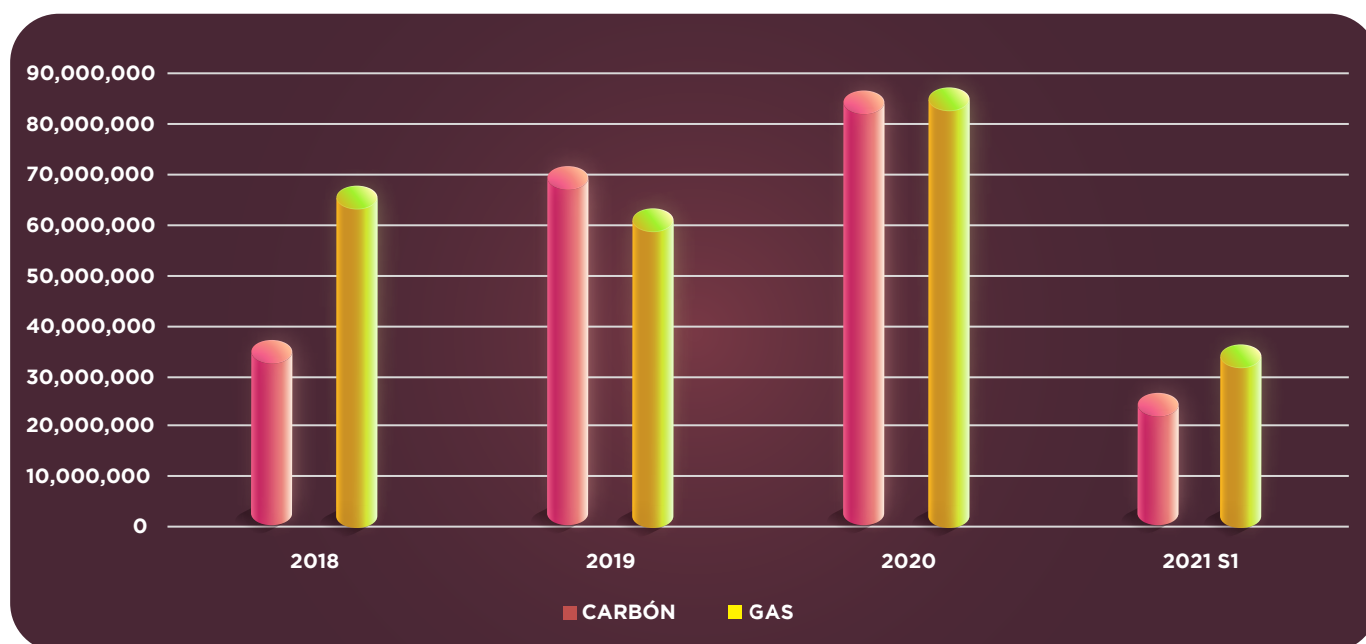
Consumo de Combustible

Combustible Principal	2018	2019	2020	2021-S1
ACPM	148,671.373	228,440.42	139,862.45	59,066.756
CARBON	36,320,584.338	70,467,697.04	84,020,695.16	25,812,535.836
COMBUSTOLEO	1,718,302.006	545,232.07	240,456.07	65,056.000
GAS	54,961,922.081	55,738,336.72	71,818,223.61	34,049,136.184
GAS NI	10,365,797	5,529,047.34	12,617,048.44	764,424.282
TOTAL GENERAL	103,515,276	132,508,754	168,836,286	60,750,219

CONSUMO DE CARBÓN Y GAS EN LA GENERACIÓN ELÉCTRICA

MBTU

Combustible Principal	2018	2019	2020	2021-S1
CARBON	36,320,584.34	70,467,697.04	84,020,695.16	25,812,535.84
GAS	65,327,718.66	61,267,384.06	84,435,272.05	34,813,560.47



Fuente: XM, Elaboró: Upme



EXPORTACIONES ENERGÍA

GWh / 2018 -2021 S1

Interconexiones

Enlace por País	2018	2019	2020	2021-S1
ECUADOR	106.07	5.83	250.80	2.39
ECUADOR 138		0	0.0741	0.1153
ECUADOR 230	106.0716	5.8292	250.7213	2.2712
VENEZUELA	0.30	0.01	0.00	0.00
COROZO 1				
CUATRICENTENARIO 1	0.3039	0.0114		0.0014
TOTAL GENERAL	106.38	5.84	250.80	2.39

IMPORTACIONES ENERGÍA

GWh / 2016 -2018 S1

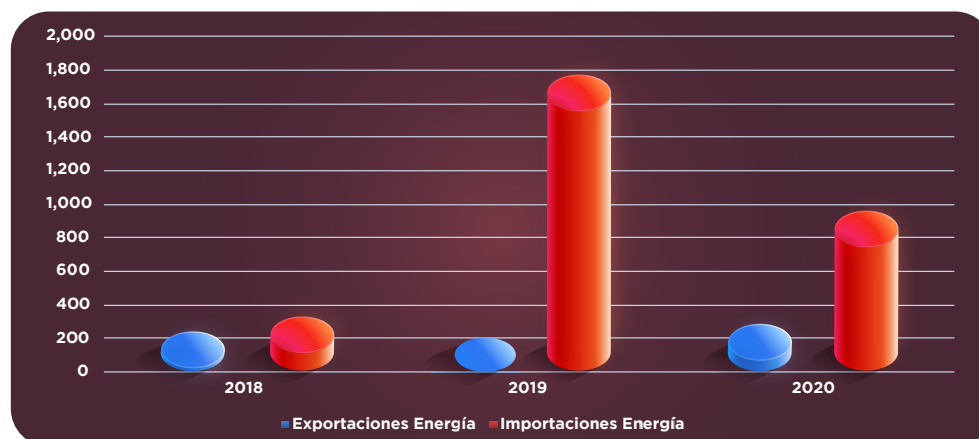
Enlace por País	2018	2019	2020	2021-S1
ECUADOR	233.16	1,764.82	939.49	366.57
ECUADOR 138		0.13		0.2508
ECUADOR 230	233.16	1,764.69	1,301.59	366.31
VENEZUELA	0.03			
CUATRICENTENARIO 1	0.03			
TOTAL GENERAL	233.18	1,764.82	939.49	366.57

Fuente:XM, Agosto 2017

EVOLUCIÓN DE LAS EXPORTACIONES E IMPORTACIONES DE ENERGÍA

GWh / 2016 -2018 S1

	2018	2019	2020	2021-S1
Exportaciones Energía	106.38	5.84	250.80	
Importaciones Energía	233.18	1,764.82	939.49	366.57

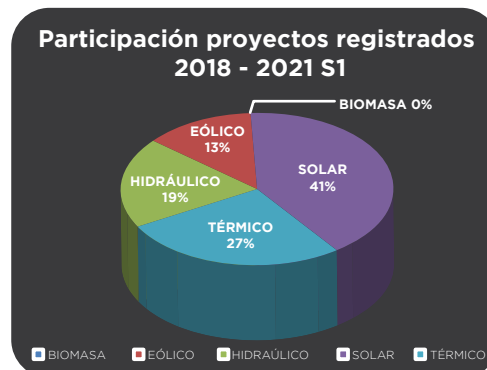


PROYECTOS REGISTRADOS EN LA UPME POR TIPO DE TECNOLOGÍA

2018 - 2021 S1

Generación Proy

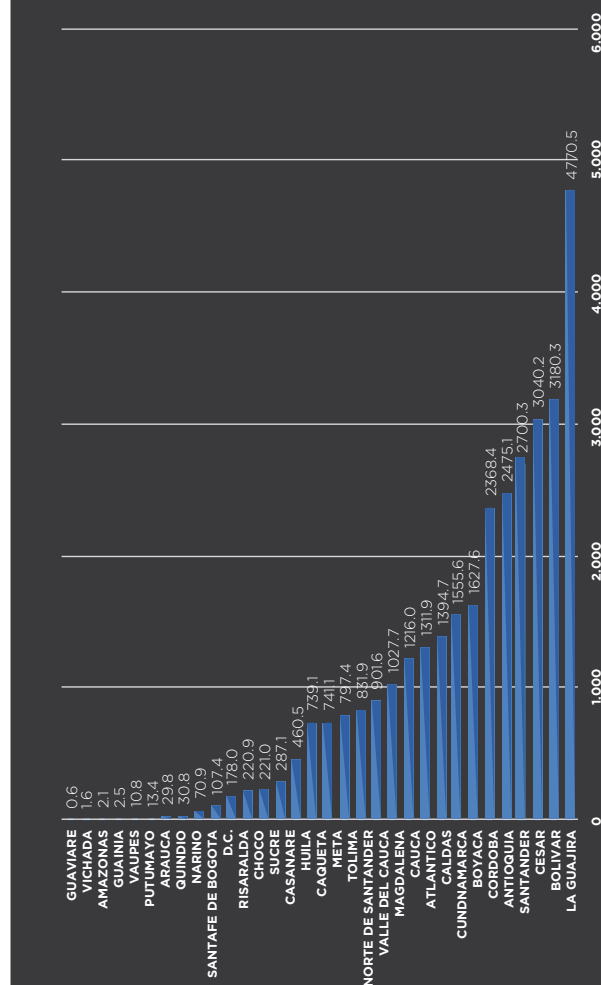
Tecnología	Capacidad MW	Numero de Proyectos
BIOMASA	59.77	12
EÓLICO	4,302.05	33
HIDRÁULICO	6,028.11	163
SOLAR	13,210.68	484
TÉRMICO	8,715.94	54
TOTAL	32,316.55	746



PROYECTOS REGISTRADOS EN LA UPME POR DEPARTAMENTO - 2018 - 2021 S1

Departamento	Nº de Proyectos	Capacidad (MW)
LA GUAJIRA	33	4770.5
BOLIVAR	41	3180.3
CESAR	36	3040.2
SANTANDER	49	2700.3
ANTIOQUIA	94	2475.1
CORDOBA	38	2368.4
BOYACA	37	1627.6
CUNDINAMARCA	44	1555.6
CALDAS	23	1394.7
ATLANTICO	30	1311.9
CAUCA	27	1216.0
MAGDALENA	14	1027.7
VALLE DEL CAUCA	60	901.6
NORTE DE SANTANDER	26	831.9
TOLIMA	32	797.4
META	27	741.1
CAQUETA	4	739.1
HUILA	22	460.5
CASANARE	14	287.1
SUCRE	8	221.0
CHOCO	6	220.9
RISARALDA	30	178.0
SANTAFE DE BOGOTA D.C.	27	107.4
NARIÑO	2	70.9
QUINDIO	8	30.8
ARAUCA	2	29.8
PUTUMAYO	3	13.4
VAUPES	2	10.8
GUAINIA	1	2.5
AMAZONAS	2	2.1
VICHADA	3	1.6
GUAVIARE	1	0.6
Total general	746	32,317

Capacidad de proyectos inscritos por departamento (MW) 2018 - 2021 S1



Fuente: UPME, junio 2018

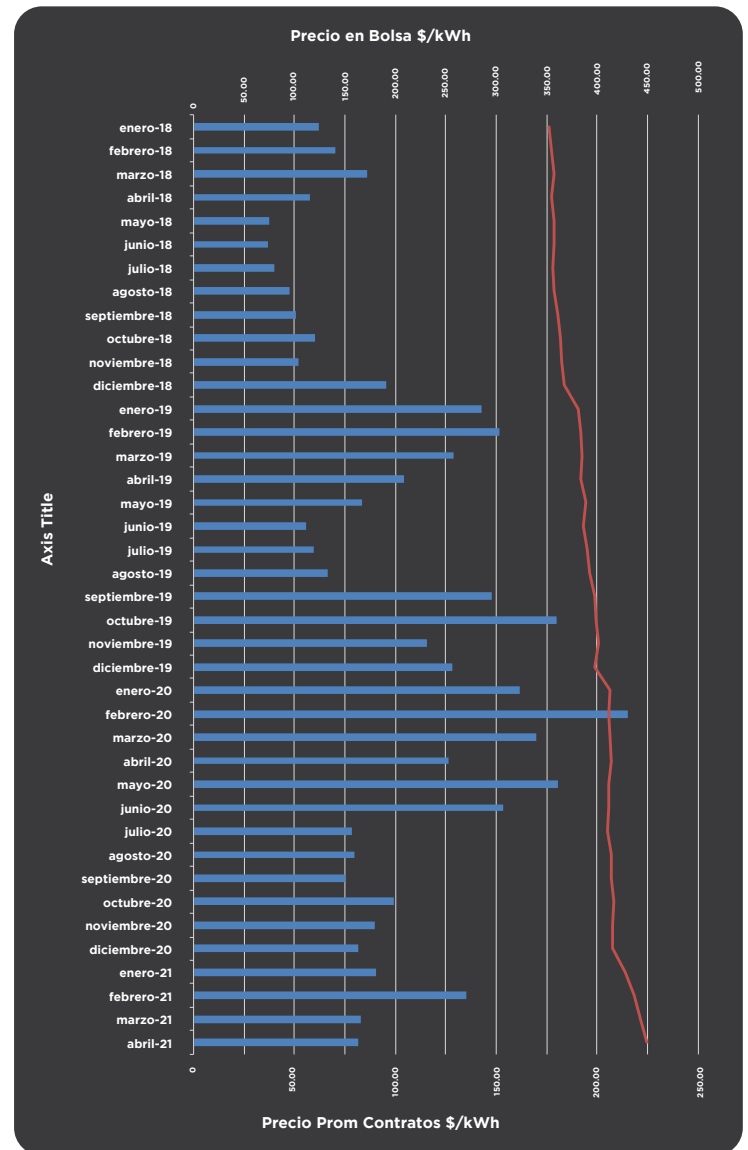
EVOLUCIÓN PRECIO EN BOLSA NACIONAL DE ENERGÍA ELÉCTRICA

2018- 2021 S1 / \$/kWh

\$ Bolsa - Contratos

Nota: La Bolsa de Energía Eléctrica se creó a partir de julio del año 1995

Mes	Precio en Bolsa \$/kWh	Precio Prom Contratos \$/kWh
enero-18	124.48	176.36
febrero-18	140.04	177.38
marzo-18	172.13	178.59
abril-18	115.67	177.37
mayo-18	75.12	178.52
junio-18	73.93	178.35
julio-18	79.89	177.89
agosto-18	95.03	178.33
septiembre-18	101.43	180.71
octubre-18	119.97	181.53
noviembre-18	104.13	182.32
diciembre-18	191.07	183.50
enero-19	285.35	190.76
febrero-19	303.27	191.99
marzo-19	257.51	192.36
abril-19	208.23	192.02
mayo-19	167.03	194.06
junio-19	112.02	192.98
julio-19	119.21	194.74
agosto-19	132.76	196.40
septiembre-19	295.73	198.83
octubre-19	359.86	199.53
noviembre-19	231.18	200.55
diciembre-19	256.58	199.00
enero-20	323.06	206.16
febrero-20	430.52	205.39
marzo-20	339.49	206.52
abril-20	252.16	206.87
mayo-20	360.98	205.80
junio-20	306.58	205.69
julio-20	156.88	205.28
agosto-20	158.97	206.66
septiembre-20	150.94	206.71
octubre-20	198.31	208.06
noviembre-20	179.97	207.77
diciembre-20	163.22	207.42
enero-21	181.26	213.63
febrero-21	270.13	218.60
marzo-21	165.90	221.34
abril-21	162.63	224.75
mayo-21	100.53	230.37
junio-21	90.43	231.47





PRECIOS BOLSA NACIONAL - PRECIO ESCASEZ- PRECIO MÁXIMO DE OFERTA - PRECIO PROMEDIO CONTRATO

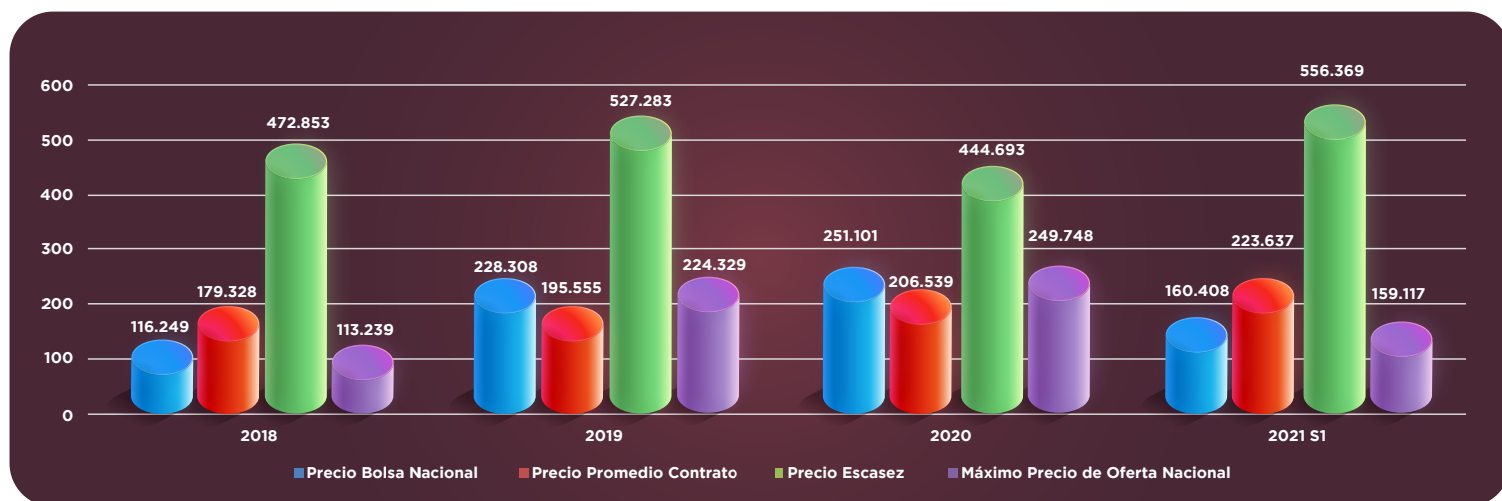
\$/kWh / 2018- 2021 S1

\$ Bolsa - Contratos

Año	Precio Bolsa Nacional	Precio Promedio Contrato	Precio Escasez	Máximo Precio de Oferta Nacional
2018	116.249	179.328	472.853	113.239
2019	228.308	195.555	527.283	224.329
2020	251.101	206.539	444.693	249.748
2021 S1	160.408	223.637	556.369	159.117

EVOLUCION DE PRECIOS BOLSA NACIONAL - PRECIO ESCASEZ- PRECIO MÁXIMO DE OFERTA - PRECIO PROMEDIO CONTRATO

\$/kWh / 2018- 2021 S1



Fuente: XM, Elaboró: Upme



DEMANDA MÁXIMA DE POTENCIA

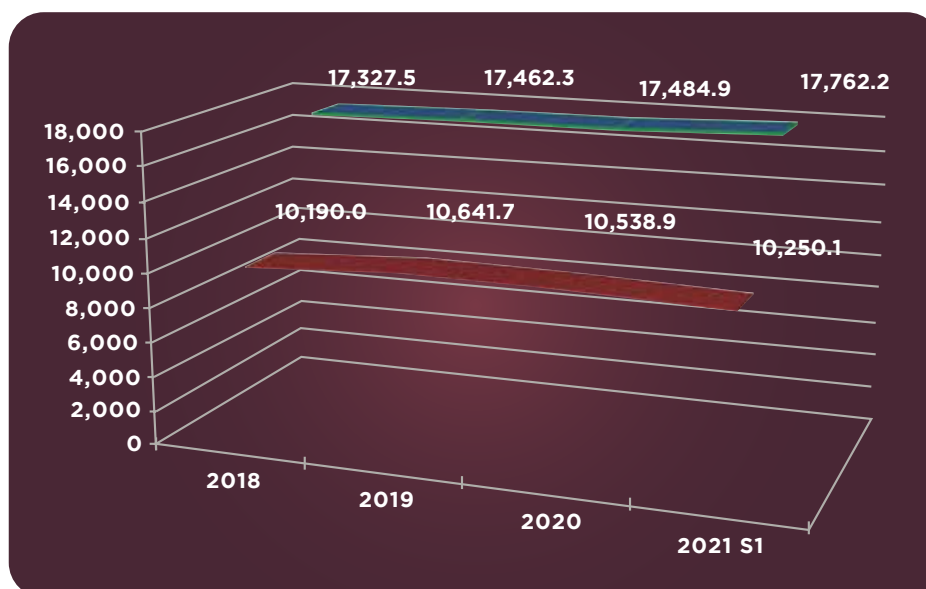
2018 - 2021 S1 / MW

Demanda - Potencia 04

Mes	2018	2019	2020	2021 S1
Enero	9,818	9,973	10,430	10,019
Febrero	9,822	10,185	10,539	10,152
Marzo	9,981	10,082	10,512	10,131
Abril	9,786	10,073	9,056	10,190
Mayo	9,802	10,197	9,367	10,058
Junio	9,961	10,228	9,556	10,250
Julio	9,905	10,229	10,133	
Agosto	10,026	10,410	9,876	
Septiembre	10,100	10,642	10,024	
Octubre	10,011	10,277	10,191	
Noviembre	10,073	10,541	10,192	
Diciembre	10,190	10,536	10,300	
Demanda Maxima	10,190.0	10,641.7	10,538.9	10,250.1
Capacidad Efectiva	17,327.5	17,462.3	17,484.9	17,762.2

DEMANDA MÁXIMA DE POTENCIA VS CAPACIDAD EFECTIVA

2018 - 2021 S1 / MW



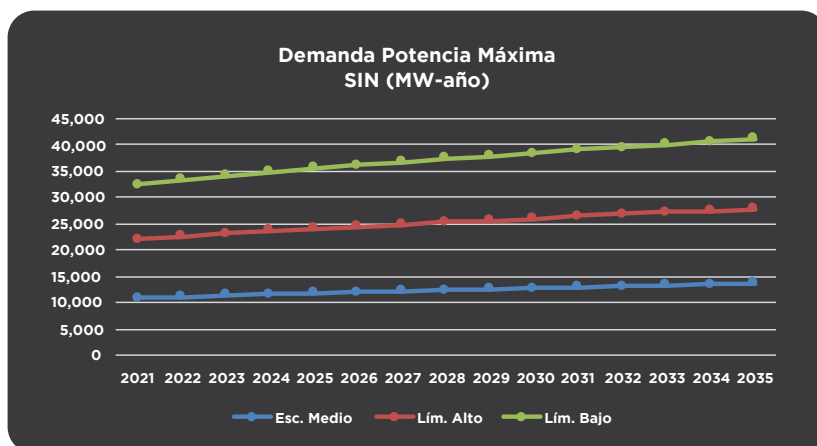
Fuente: XM, Elaboró: Upme

PROYECCIÓN DE POTENCIA MÁXIMA GWh / año / 2021 - 2035

Proyecciones de Potencia ee

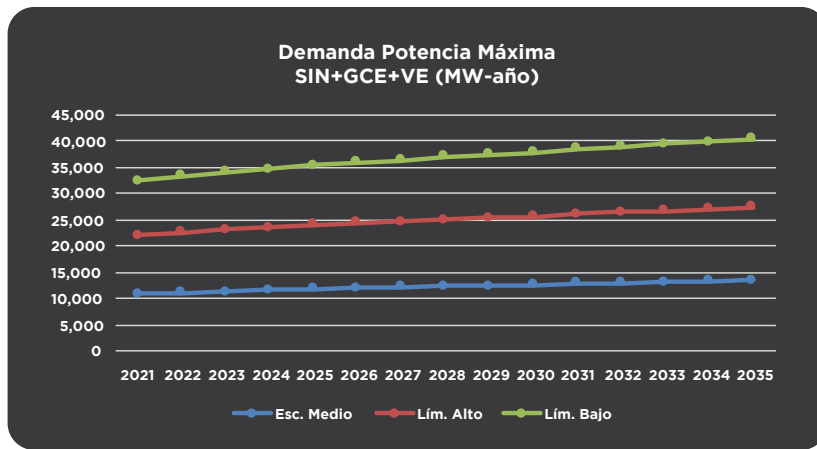
**Demanda Potencia Máxima
SIN (MW-año)**

	Esc. Medio	Lím. Alto	Lím. Bajo
2021	10,485	10,869	10,116
2022	10,667	11,058	10,291
2023	10,805	11,200	10,424
2024	10,953	11,353	10,566
2025	11,086	11,492	10,695
2026	11,301	11,714	10,902
2027	11,449	11,867	11,045
2028	11,578	12,002	11,170
2029	11,707	12,135	11,294
2030	11,839	12,272	11,422
2031	12,066	12,507	11,640
2032	12,214	12,660	11,783
2033	12,357	12,809	11,921
2034	12,503	12,960	12,062
2035	12,655	13,118	12,208



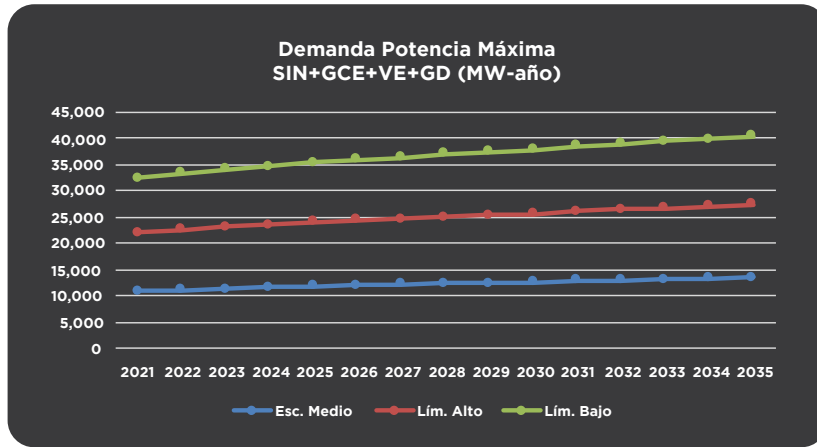
**Demanda Potencia Máxima
SIN+GCE+VE (MW-año)**

	Esc. Medio	Lím. Alto	Lím. Bajo
2021	10,812	11,196	10,442
2022	11,116	11,506	10,740
2023	11,374	11,770	10,993
2024	11,618	12,019	11,232
2025	11,853	12,258	11,462
2026	12,059	12,473	11,661
2027	12,207	12,626	11,803
2028	12,452	12,875	12,043
2029	12,602	13,030	12,189
2030	12,759	13,192	12,342
2031	13,010	13,452	12,585
2032	13,182	13,629	12,751
2033	13,352	13,804	12,916
2034	13,520	13,977	13,078
2035	13,687	14,150	13,241



**Demanda Potencia Máxima
SIN+GCE+VE+GD (MW-año)**

	Esc. Medio	Lím. Alto	Lím. Bajo
2021	10,801	11,184	10,431
2022	11,096	11,486	10,719
2023	11,343	11,739	10,962
2024	11,571	11,972	11,185
2025	11,791	12,196	11,400
2026	11,980	12,393	11,581
2027	12,110	12,528	11,706
2028	12,333	12,757	11,925
2029	12,465	12,893	12,052
2030	12,611	13,044	12,193
2031	12,840	13,281	12,414
2032	13,003	13,449	12,572
2033	13,157	13,609	12,721
2034	13,310	13,768	12,869
2035	13,468	13,931	13,022





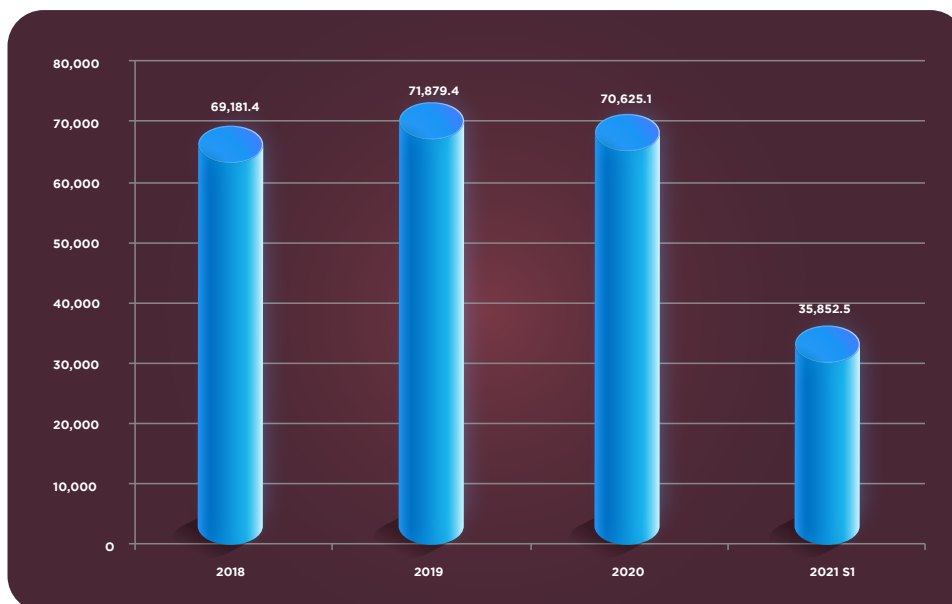
DEMANDA COMERCIAL GWh / 2018 - 2021 S1

Demanda Comercial Eléctrica

Mes	2018	2019	2020	2021 S1
Enero	5,617.455	5,829.167	6,116.548	5,934.765
Febrero	5,236.037	5,504.921	5,985.451	5,664.280
Marzo	5,786.083	6,017.742	5,990.396	6,227.361
Abril	5,599.388	5,829.508	5,199.354	6,000.031
Mayo	5,795.345	6,099.083	5,639.647	6,013.347
Junio	5,691.727	5,878.559	5,558.370	6,012.676
Julio	5,915.670	6,148.470	5,922.153	
Agosto	6,016.808	6,252.634	5,987.225	
Septiembre	5,808.917	6,044.397	5,875.852	
Octubre	5,987.002	6,087.843	6,133.935	
Noviembre	5,859.535	5,976.574	6,071.970	
Diciembre	5,867.446	6,210.522	6,144.244	
TOTAL	69,181.4	71,879.4	70,625.1	35,852.52.2

Considera la demanda propia de cada comercializador más la participación en la pérdidas del STN y los consumos propios de los generadores.

EVOLUCIÓN DEMANDA COMERCIAL GWh / 2018 - 2021 S1



DEMANDA COMERCIAL REGULADA *

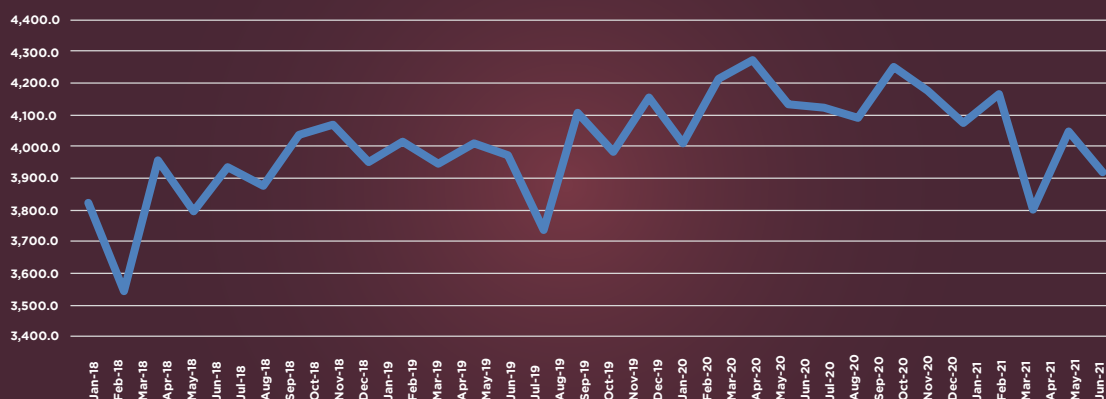
GWh / 2018 - 2021 S1

* Es la demanda de los comercializadores para atender sus clientes finales Regulados, más la participación en las pérdidas del STN

Demanda Regulada

Mes	Demanda Comercial Regulada	Mes	Demanda Comercial Regulada
Jan-18	3,820.8	Oct-19	4,123.0
Feb-18	3,544.1	Nov-19	4,088.1
Mar-18	3,957.9	Dec-19	4,253.3
Apr-18	3,797.8	Jan-20	4,177.6
May-18	3,935.1	Feb-20	4,072.5
Jun-18	3,876.3	Mar-20	4,163.8
Jul-18	4,035.5	Apr-20	3,801.2
Aug-18	4,068.7	May-20	4,048.5
Sep-18	3,948.9	Jun-20	3,918.5
Oct-18	4,016.1	Jul-20	4,087.0
Nov-18	3,945.0	Aug-20	4,134.8
Dec-18	4,009.6	Sep-20	4,051.4
Jan-19	3,970.2	Oct-20	4,249.0
Feb-19	3,738.9	Nov-20	4,052.3
Mar-19	4,103.7	Dec-20	4,272.2
Apr-19	3,982.1	Jan-21	4,142.9
May-19	4,154.4	Feb-21	3,920.4
Jun-19	4,011.8	Mar-21	4,261.6
Jul-19	4,216.0	Apr-21	4,130.9
Aug-19	4,275.0	May-21	4,259.1
Sep-19	4,134.6	Jun-21	4,123.2

Evolución de la Demanda Comercial Regulada GWh. 2018 - 2021 (Junio)



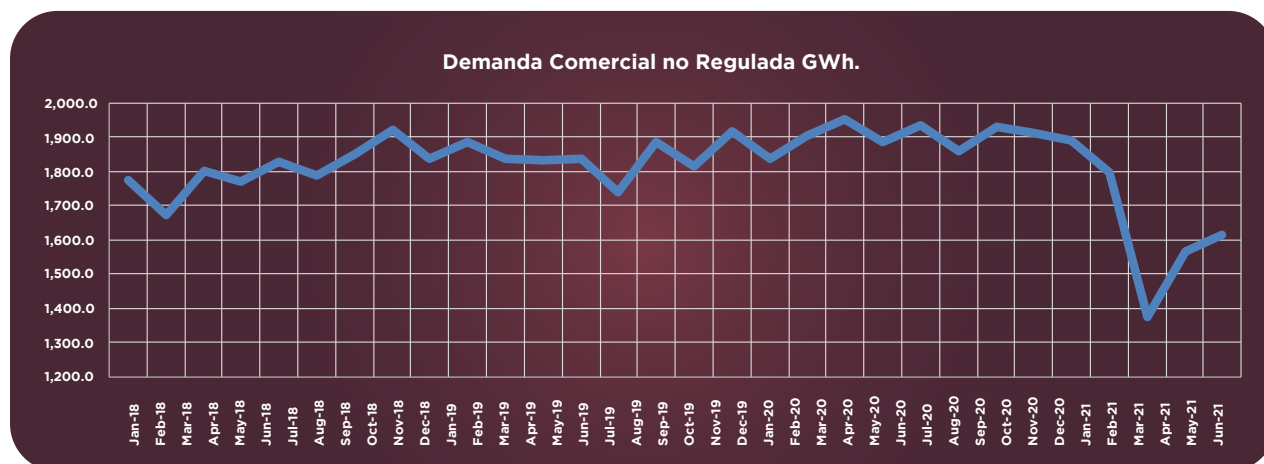
DEMANDA COMERCIAL NO REGULADA *

2016 - 2018 S1

*Demanda de los comercializadores para atender sus clientes finales no regulados o grandes consumidores de electricidad

Demanda No Regulada

Mes	Demanda Comercial no Regulada GWh.	Mes	Demanda Comercial no Regulada GWh.
Jan-18	1,774.3	Oct-19	1,935.5
Feb-18	1,670.4	Nov-19	1,860.9
Mar-18	1,800.1	Dec-19	1,930.7
Apr-18	1,769.6	Jan-20	1,915.0
May-18	1,828.1	Feb-20	1,890.5
Jun-18	1,789.8	Mar-20	1,797.4
Jul-18	1,850.5	Apr-20	1,374.0
Aug-18	1,922.5	May-20	1,563.3
Sep-18	1,836.9	Jun-20	1,615.6
Oct-18	1,885.9	Jul-20	1,808.0
Nov-18	1,838.0	Aug-20	1,827.93
Dec-18	1,833.8	Sep-20	1,800.42
Jan-19	1,835.3	Oct-20	1,853.50
Feb-19	1,739.3	Nov-20	1,790.79
Mar-19	1,884.4	Dec-20	1,816.58
Apr-19	1,816.9	Jan-21	1,773.22
May-19	1,916.0	Feb-21	1,724.04
Jun-19	1,836.9	Mar-21	1,940.42
Jul-19	1,904.3	Apr-21	1,847.86
Aug-19	1,953.4	May-21	1,729.83
Sep-19	1,884.4t	Jun-21	1,871.62



DEMANDA COMERCIAL

GWh / 2018 - 2021

*Demanda de los comercializadores para atender sus clientes finales no regulados o grandes consumidores de electricidad

Demanda Ciu

MERCADO NO REGULADO	2018	2019	2020	2021 S1
Actividades artísticas, de entretenimiento y recreación	80.44	81.02	49.53	68.33
Actividades de atención de la salud humana y de asistencia social	441.71	482.79	492.24	537.44
Actividades de organizaciones y entidades extraterritoriales	28.18	29.40	24.91	27.83
Actividades de servicios administrativos y de apoyo	83.21	93.04	79.87	110.21
Actividades financieras y de seguros	139.38	130.74	103.97	105.30
Actividades inmobiliarias	285.19	326.97	255.94	320.58
Actividades profesionales, científicas y técnicas	74.90	89.78	77.59	89.34
Administración pública y defensa; planes de seguridad social de afiliación obligatoria	1270.21	1203.28	1136.72	1151.40
Agricultura, ganadería, caza, silvicultura y pesca	693.72	756.33	773.99	827.98
Alojamiento y servicios de comida	285.98	307.73	195.41	285.64
Comercio al por mayor y al por menor; reparación de vehículos automotores y motocicletas	1344.53	1342.05	1208.27	1272.79
Construcción	76.03	90.88	87.11	101.04
Distribución de agua; evacuación y tratamiento de aguas residuales, gestión de desechos y actividades de saneamiento ambiental	599.32	660.84	747.50	695.33
Educación	256.00	274.71	162.95	177.08
Explotación de minas y canteras	5299.11	5520.88	5286.55	5668.36
Industrias manufactureras	9399.49	9589.87	8988.76	10144.50
Información y comunicaciones	391.30	400.55	374.64	387.57
Otras actividades de servicios	229.96	230.68	188.17	226.62
Suministro de electricidad, gas, vapor y aire acondicionado	401.46	438.05	406.26	392.23
Transporte y almacenamiento	419.92	448.24	412.87	468.69



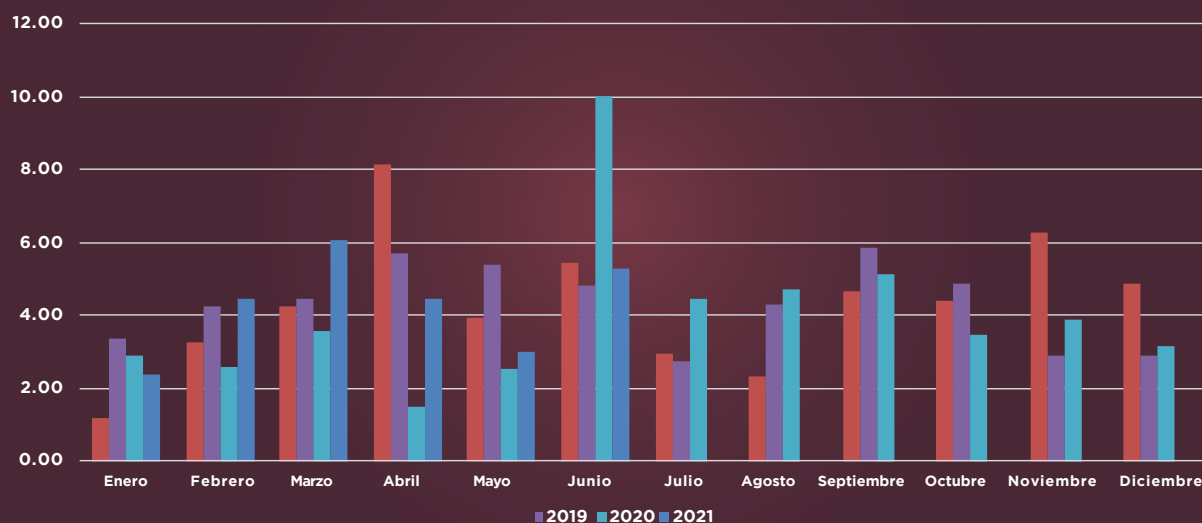
DEMANDA NO ATENDIDA

GWh / 2018 - 2021 S1

Demanda No Atendida

Mes	2018	2019	2020	2021 S1
Enero	1.18	3.35	2.90	2.346
Febrero	3.26	4.25	2.60	4.452
Marzo	4.26	4.45	3.57	6.052
Abril	8.13	5.67	1.46	4.438
Mayo	3.93	5.39	2.54	2.972
Junio	5.45	4.81	10.01	5.304
Julio	2.97	2.73	4.45	
Agosto	2.30	4.31	4.72	
Septiembre	4.68	5.84	5.11	
Octubre	4.38	4.86	3.45	
Noviembre	6.29	2.88	3.87	
Diciembre	4.87	2.89	3.13	
TOTAL GENERAL	51.70	51.43	47.80	25.56

Demanda No Atendida GWh. 2018 - 2021 S1





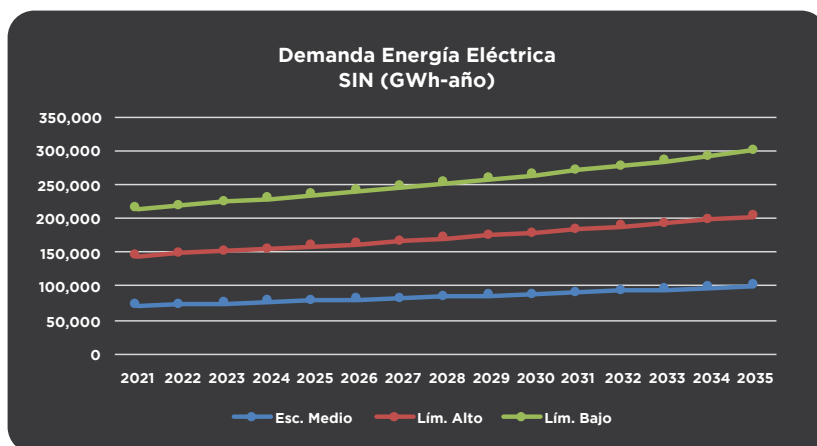
PROYECCIÓN DE DEMANDA DE ENERGÍA ELÉCTRICA

GWh/ año / 2021 - 2035

Proyecciones de Demanda EE

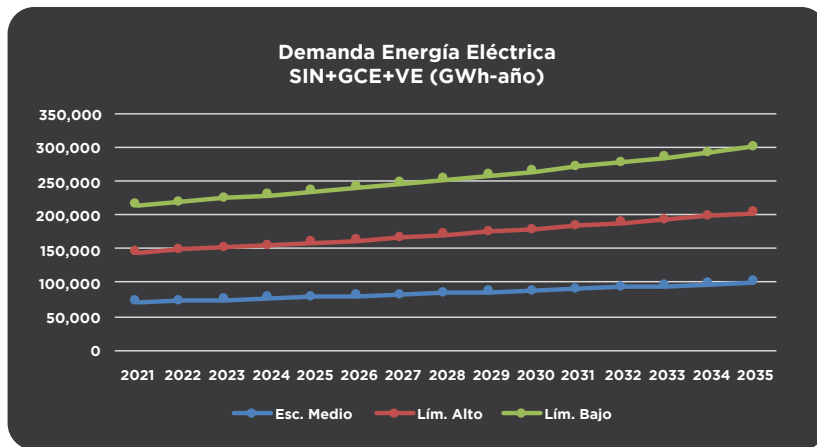
Demanda Energía Eléctrica SIN (GWh-año)

	Esc. Medio	Lím. Alto	Lím. Bajo
2021	71,678	72,881	70,484
2022	73,092	75,193	71,006
2023	74,638	76,784	72,507
2024	76,379	78,572	74,202
2025	78,155	80,402	75,925
2026	79,983	82,280	77,702
2027	81,944	84,297	79,608
2028	83,922	86,333	81,529
2029	85,882	88,350	83,432
2030	87,933	90,459	85,425
2031	90,245	92,837	87,672
2032	92,508	95,166	89,870
2033	94,809	97,533	92,104
2034	97,417	100,215	94,639
2035	99,984	102,857	97,131



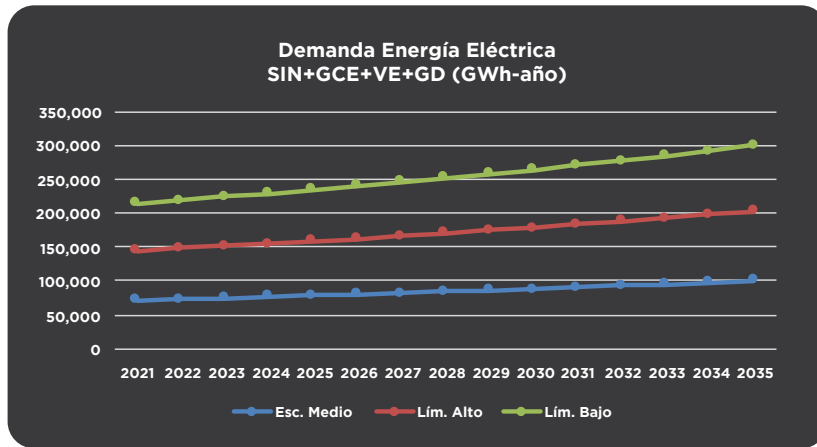
Demanda Energía Eléctrica SIN+GCE+VE (GWh-año)

	Esc. Medio	Lím. Alto	Lím. Bajo
2021	73,228	74,431	72,034
2022	75,755	77,857	73,670
2023	78,126	80,272	75,995
2024	80,425	82,618	78,248
2025	83,053	85,300	80,823
2026	84,927	87,225	82,647
2027	86,972	89,324	84,636
2028	89,897	92,308	87,504
2029	92,069	94,537	89,619
2030	94,391	96,917	91,883
2031	96,958	99,549	94,385
2032	99,453	102,111	96,814
2033	102,003	104,727	99,298
2034	104,822	107,620	102,044
2035	107,562	110,435	104,709



Demanda Potencia Máxima SIN+GCE+VE+GD (MW-año)

	Esc. Medio	Lím. Alto	Lím. Bajo
2021	73,172	74,375	71,978
2022	75,660	77,762	73,575
2023	77,979	80,125	75,848
2024	80,213	82,406	78,036
2025	82,765	85,012	80,535
2026	84,557	86,854	82,276
2027	86,512	88,865	84,177
2028	89,348	91,759	86,955
2029	91,435	93,903	88,985
2030	93,682	96,208	91,174
2031	96,173	98,765	93,600
2032	98,603	101,261	95,964
2033	101,100	103,824	98,395
2034	103,863	106,661	101,085
2035	106,556	109,429	103,703



Fuente: UPME, Base de Datos XM, ONU, DANE e IDEAM.

PROYECCIÓN DE LA DEMANDA DE ENERGÍA ELÉCTRICA Y POTENCIA MÁXIMA EN COLOMBIA junio 2021

CONSUMO TOTAL DE ENERGÍA SIN

GWh / 2018 - 202

Totales consumos

EMPRESA	2021		2020		2019		2018	
	Regulado	No Regulado	Regulado	No Regulado	Regulado	No Regulado	Regulado	No Regulado
1014 - ELECTRICIDADORA DEL HUILA S.A. E.S.P.	581,203	113,857	672,436	123,308	683,086	122,720	651,047	131,275
1032 - ELECTRICIDADORA DEL CAQUETA S.A. E.S.P.	197,797	-	192,378	-	196,259	-	195,377	-
1737 - RUITOQUE S.A. E.S.P.	27,211	109,246	27,113	110,454	30,679	101,596	35,847	93,700
1846 - EMPRESA DE ENERGIA DEL VALLE DE SIBUNDOY S.A. E.S.P.	8,920	696	9,657	553	9,277	843	9,243	796
1864 - AES CHIVOR & CIA SCA ESP	-	383,474	-	303,818	-	408,858	-	215,205
2016 - EMPRESA DE ENERGIA DEL PUTUMAYO S.A. E.S.P.	65,316	-	48,272	-	52,047	-	51,418	-
2020 - DISTRIBUIDORA Y COMERCIALIZADORA DE ENERGIA ELECTRICA S.A. E.S.P.	14,968	1,156	121,486	55,595	338,723	184,345	350,700	171,447
20437 - ENERTOTAL S.A. E.S.P.	99,946	25,695	63,231	14,974	180,193	56,266	206,694	34,602
20469 - ENERGIA EMPRESARIAL DE LA COSTA S.A. E.S.P.	-	-	-	-	-	-	-	197,816
2073 - EMPRESA DE ENERGÍA DE PEREIRA S.A. E.S.P.	478,550	139,773	460,756	124,856	360,653	71,788	353,626	90,351
2103 - CODENSA S.A. E.S.P.	8,203,676	175,682	8,744,598	189,405	9,031,845	196,750	9,020,195	189,825
21600 - GENERADORA Y COMERCIALIZADORA DE ENERGIA DEL CARIBE S.A. E.S.P.	-	93,017	-	106,883	-	117,961	-	118,873
2249 - ELECTRICIDADORA DEL CARIBE S.A. E.S.P.	-	-	7,063,454	994,842	9,519,884	1,467,055	9,489,160	1,466,069
2322 - VATIA S.A. E.S.P.	21,477	2,942	3,213,739	508,753	622,492	142,032	624,373	92,111
23330 - PROFESIONALES EN ENERGÍA S.A. E.S.P.	34,612	4,691	122,882	16,093	206,330	36,537	69,825	33,703
23442 - COMPAÑIA ENERGETICA DE OCCIDENTE S.A.S. E.S.P.	424,829	64,651	463,341	84,480	534,621	71,897	510,486	78,151
2371 - EMPRESA DE ENERGIA DEL BAJO PUTUMAYO S.A. E.S.P.	57,410	-	56,583	586	56,043	-	52,907	-
2378 - DICELEER S.A. E.S.P.	1,664	626	5,661	2,103	15,486	7,866	1,422	-
2438 - EMPRESAS MUNICIPALES DE CALI E.I.C.E. E.S.P.	1,734,413	690,980	1,909,413	746,159	1,971,663	816,100	1,940,101	806,382
25982 - GENERSA S.A.S. E.S.P.	-	-	-	-	-	345	-	1,604
25984 - ITALCOL ENERGIA S.A. E.S.P.	-	91,423	-	79,722	-	79,576	-	71,293
26030 - ENERGIA & AGUA SAS ESP	94	432	-	2,931	-	21,967	-	25,814
26641 - RENOVATIO TRADING AMERICAS SAS ESP	89,914	50,669	86,700	55,373	46,171	73,657	8,903	63,821
26772 - EMPRESA DE SERVICIOS PUBLICOS DE SANTANDER S.A.E.S.P.	-	766	-	809	-	986	-	884
27572 - CEMEX ENERGY SAS ESP	-	-	-	10,451	-	47,504	-	41,875
27691 - QI ENERGY SAS ESP	56,906	3,859	-	-	3,594	-	55	-
2824 - ENERCO S.A. E.S.P.	58,426	-	59,275	-	40,190	-	4,082	-
3076 - EMPRESA DE ENERGIA ELECTRICA DEL DEPARTAMENTO DEL GUAVIARE SA ESP	41,156	-	51,545	-	48,568	-	45,341	-
31191 - TERPEL ENERGIA S.A.S. E.S.P.	158	16,199	-	639,068	-	44,175	-	45,212
3226 - EMPRESA DISTRIBUIDORA DEL PACIFICO S.A. E.S.P.	60,673	-	149,812	-	153,991	-	159,527	-
3332 - LATIN AMERICAN CAPITAL CORP SA ESP	-	-	-	-	341,666	63,456	796,124	139,797
3370 - EMPRESA DE ENERGIA DE CASANARE SA ESP	260,256	4,544	286,793	4,839	295,903	1,986	278,581	4,064
3372 - A.S.C INGENIERIA SOCIEDAD ANONIMA SA ESP.	-	-	1,855	-	21,377	42	19,436	444
37094 - FRANCA ENERGIA SA ESP	-	-	-	1,277	-	-	-	-
38054 - EMPRESA PRESTADORA DE SERVICIOS PUBLICOS ECO LOGICA S.A.S. E.S.P.	-	-	-	-	-	6,013	-	-
38315 - SOUTH32 ENERGY S.A.S. E.S.P.	-	475	-	431	-	1,017	-	1,337
41335 - ECOPETROL ENERGÍA S.A.S. E.S.P.	-	874,030	-	1,196,454	-	1,035,520	-	-
41976 - COLOMBINA ENERGIA SAS ESP	-	495	-	1,624	-	-	-	-
44077 - ENERMAS SAS ESP	1,070	4,069	49	80	-	-	-	-
44278 - CELSIA TOLIMA S.A. E.S.P.	363,066	-	847,560	-	492,356	-	-	-
480 - ISAGEN S.A. E.S.P.	-	1,059,225	-	2,616,798	-	-	-	2,829,306
48305 - CARIBEMAR DE LA COSTA S.A.S. E.S.P.	2,544,048	360,729	1,203,896	186,188	-	-	-	-
48307 - AIR-E S.A.S. E.S.P.	4,251,146	646,206	1,147,837	153,787	-	-	-	-
500 - EMPRESA DE ENERGIA DE BOYACA S.A. E.S.P. EMPRESA DE SERVICIOS PUBLICOS	629,225	73,667	613,871	46,765	639,765	18	605,845	-
502 - CENTRAL HIDROELECTRICA DE CALDAS S.A. E.S.P.	781,009	-	816,916	-	816,381	-	807,405	-
520 - CENTRALES ELECTRICAS DE NARIÑO S.A. E.S.P.	436,400	33,670	545,978	44,885	542,074	46,327	530,246	45,244
523 - EMPRESA DE ENERGIA DEL QUINDIO S.A.E.S.P.	358,635	-	371,569	-	365,307	-	358,289	-
524 - ELECTRICIDADORA DE SANTANDER S.A. E.S.P.	1,702,060	-	1,818,823	-	1,822,204	-	1,743,865	-
536 - CELSIA COLOMBIA S.A. E.S.P.	470,336	543,933	1,048,262	1,024,698	1,125,757	1,154,780	1,060,128	1,005,347
564 - EMPRESAS PÚBLICAS DE MEDELLIN E.S.P.	3,056,920	2,247,665	5,828,114	3,739,741	5,829,590	3,718,038	5,496,023	4,191,380
569 - EMPRESA MUNICIPAL DE SERVICIOS PUBLICOS DE CARTAGENA DEL CHAIRA	773	-	1,477	-	8,492	-	6,246	-
597 - EMGESA S.A. E.S.P.	-	3,176,717	-	3,173,227	-	3,980,387	-	4,032,006
599 - EMPRESA DE ENERGIA DE ARAUCA	-	-	140,651	-	128,452	-	163,867	-
600 - ELECTRICIDADORA DEL META S.A. E.S.P.	639,309	100,408	757,216	110,483	772,237	255,821	725,108	276,245
604 - CENTRALES ELECTRICAS DEL NORTE DE SANTANDER S.A. E.S.P.	1,194,423	-	1,267,583	-	1,221,558	-	1,057,568	86
617 - EMPRESAS MUNICIPALES DE CARTAGO E.S.P.	-	-	48,975	-	114,173	-	110,736	-
637 - COMPAÑIA DE ELECTRICIDAD DE TULLUÁ S.A. E.S.P.	75,096	19,400	153,788	42,520	148,762	49,850	143,280	50,730
694 - EMPRESA MUNICIPAL DE ENERGÍA ELÉCTRICA S.A.-E.S.P.	4,684	11,664	4,275	14,622	3,569	17,057	3,232	16,918

CONSUMO TOTAL DE ENERGÍA SIN POR DEPARTAMENTO

2018 y 2021

Totales Departamentos

UBICACIÓN GEOGRÁFICA	2021		2020		2019		2018	
	Regulado	No Regulado	Regulado	No Regulado	Regulado	No Regulado	Regulado	No Regulado
ANTIOQUIA	3,106,556	1,470,211	5,891,479	2,504,962	5,975,248	2,211,218	5,629,393	2,608,221
ARAUCA	579	472	154,537	1,958	129,585	2,638	164,713	2,564
ATLANTICO	2,601,859	933,739	3,775,004	1,377,567	2,914,069	1,879,870	2,945,471	1,090,096
BOGOTA, D.C.	5,960,267	1,603,901	6,485,558	1,802,163	6,929,596	1,777,886	6,912,523	2,363,651
BOLIVAR	1,112,723	647,242	2,421,217	1,103,856	2,111,634	961,335	2,082,769	1,081,300
BOYACA	640,694	554,120	643,245	813,899	685,055	351,077	647,758	1,000,637
CALDAS	555,829	246,856	583,625	493,834	602,290	174,211	592,743	470,395
CAQUETA	195,797	4,824	199,274	6,726	202,676	6,293	199,688	7,432
CASANARE	265,383	47,401	326,587	141,630	300,076	38,622	282,500	60,473
CAUCA	449,428	213,354	491,671	302,690	569,257	225,275	542,570	394,505
CESAR	615,410	123,091	1,464,569	262,402	1,103,571	217,918	1,072,775	229,935
CHOCO	66,881	433	155,930	17,549	159,217	736	163,424	15,523
CORDOBA	634,550	90,010	1,382,441	191,590	1,230,728	172,362	1,202,478	159,777
CUNDINAMARCA	2,357,867	1,445,643	2,504,423	1,754,962	2,528,209	1,540,706	2,472,334	1,840,385
GUAINIA	-	4,557	-	9,224	-	8,832	-	7,786
GUAVIARE	38,407	-	48,249	-	45,585	-	42,582	-
HUILA	590,977	207,736	808,369	291,565	707,408	279,542	669,546	301,925
LA GUAJIRA	550,161	69,316	667,454	21,958	572,918	20,125	562,477	19,271
MAGDALENA	1,205,608	170,681	1,457,530	277,138	1,371,784	250,138	1,362,622	228,605
META	662,125	466,571	907,356	957,239	807,239	825,559	755,357	759,114
NARINO	435,851	50,697	552,725	64,251	587,898	58,089	570,872	56,136
NORTE DE SANTANDER	1,074,595	162,064	1,153,630	239,368	1,139,749	223,354	982,907	214,956
PUTUMAYO	130,770	34,267	120,192	23,972	117,142	22,508	112,782	40,962
QUINDIO	360,126	28,549	378,267	45,385	378,235	54,218	370,292	54,247
RISARALDA	613,519	193,796	647,194	230,134	614,331	154,235	596,756	210,410
SANTANDER	1,665,075	573,772	1,795,503	825,905	1,860,408	445,605	1,781,956	464,114
SUCRE	328,880	82,885	688,165	170,876	644,320	124,285	629,489	135,633
TOLIMA	382,411	113,915	872,134	201,526	873,753	239,813	830,926	257,398
VALLE DEL CAUCA	2,425,447	1,586,630	3,851,496	2,395,309	3,629,436	2,134,683	3,506,603	2,488,262
TOTAL	29,027,774	11,126,730	40,427,823	16,529,639	38,791,417	14,401,136	37,686,308	16,563,715

Fuente: SUI - Elaboró: UPME

VALOR FACTURADO POR KW CONSUMIDO (\$/KWH)

\$/kWh / 2018-2021

Tarifa Departamentos

UBICACIÓN GEOGRÁFICA	2021		2020		2019		2018	
	Regulado	No Regulado	Regulado	No Regulado	Regulado	No Regulado	Regulado	No Regulado
ANTIOQUIA	568.39	382.87	540.59	348.92	506.74	356.66	490.93	324.80
ARAUCA	467.64	480.46	872.45	500.17	605.49	473.16	1,225.80	447.28
ATLANTICO	612.50	408.03	1,458.74	655.68	579.89	358.95	539.99	333.59
BOGOTA, D.C.	559.83	439.31	524.42	410.57	502.88	378.00	475.85	347.86
BOLIVAR	600.28	372.59	876.89	433.14	550.62	336.97	500.03	311.07
BOYACA	589.50	299.95	549.32	283.68	540.43	375.33	513.63	297.97
CALDAS	605.07	312.22	579.18	279.68	541.41	370.46	514.63	309.74
CAQUETA	609.73	435.26	661.98	415.54	596.77	408.50	552.91	393.23
CASANARE	653.73	769.63	937.31	810.92	574.05	533.89	540.74	460.77
CAUCA	686.21	364.41	649.63	325.34	573.87	332.12	566.76	308.02
CESAR	565.29	395.73	888.58	688.84	551.19	345.49	519.44	312.07
CHOCO	591.20	478.30	659.79	356.55	638.96	372.06	611.69	355.16
CORDOBA	558.07	427.45	833.00	460.13	570.74	368.63	526.68	347.56
CUNDINAMARCA	549.53	395.57	518.67	346.84	497.63	347.22	463.76	319.51
GUAINIA		387.96		358.65		372.25		323.14
GUAVIARE	595.95		564.98		556.89		539.18	
HUILA	613.46	413.20	809.83	470.47	550.41	333.06	514.50	322.37
LA GUAJIRA	635.98	316.30	864.79	443.12	662.97	426.04	605.27	386.03
MAGDALENA	624.15	444.36	927.95	453.07	578.63	385.15	525.87	332.01
META	610.47	339.98	874.13	433.91	529.72	323.79	509.03	254.36
NARINO	596.75	438.68	258.36	440.23	575.56	419.16	545.37	415.13
NORTE DE SANTANDER	595.21	373.19	572.80	376.06	536.22	346.05	537.05	333.37
PUTUMAYO	659.65	403.24	733.33	383.22	596.52	362.67	581.37	321.33
QUINDIO	590.88	441.47	562.98	594.01	537.64	381.17	517.83	363.74
RISARALDA	616.27	394.23	587.05	373.93	593.73	464.31	557.59	391.49
SANTANDER	574.07	313.07	548.07	269.01	517.03	339.11	493.22	322.62
SUCRE	559.61	408.79	930.98	332.40	558.66	393.39	513.89	316.59
TOLIMA	598.51	416.86	582.69	423.15	572.02	408.57	541.41	372.61
VALLE DEL CAUCA	587.39	392.37	913.63	399.03	522.81	347.39	490.76	335.34

Fuente: SUI - Elaboró: UPME

LÍNEAS DE TRANSMISIÓN POR AGENTES OPERADORES

2021

	Longitud (km)	Longitud (%)
TOTAL LÍNEAS DE TRANSMISIÓN SIN	28,453.29	
TRANSMISIÓN 110 kV	4,065.13	
AIR- E S.A.S. E.S.P.	390.32	9.60
CARIBEMAR DE LA COSTA S.A.S. E.S.P.	1,094.57	26.93
CELSIA COLOMBIA S.A. E.S.P.	19.90	0.49
ELECNORTE SAS ESP	138.30	3.40
EMPRESA DISTRIBUIDORA DEL PACIFICO S.A. E.S.P.	98.07	2.41
EMPRESAS PUBLICAS DE MEDELLIN E.S.P.	1,636.72	40.26
HIDROELECTRICA DEL ALTO PORCE S.A.S. E.S.P.	33.45	0.82
INTERNATIONAL COLOMBIA RESOURCES CORPORATION	304.00	7.48
ISAGEN S.A. E.S.P.	24.86	0.61
PRIME TERMOFLORES S.A.S. E.S.P.	3.20	0.08
TRANSELCA S.A. E.S.P.	321.74	7.91
TRANSMISIÓN 115 kV	7,898.58	
ACUEDUCTO METROPOLITANO DE BUCARAMANGA S A E S P	1.04	0.01
CELSIA COLOMBIA S.A. E.S.P.	1,461.81	18.51
CENTRAL HIDROELECTRICA DE CALDAS S.A. E.S.P.	489.94	6.20
CENTRALES ELECTRICAS DE NARIÑO S.A. E.S.P.	685.91	8.68
CENTRALES ELECTRICAS DEL NORTE DE SANTANDER S.A. E.S.P.	379.20	4.80
CODENSA S.A. E.S.P.	1,167.79	14.78
COMPAÑIA ENERGETICA DE OCCIDENTE S.A.S. ESP	338.70	4.29
ELECTRIFICADORA DE SANTANDER S.A. E.S.P.	649.34	8.22
ELECTRIFICADORA DEL CAQUETA S.A. E.S.P.	111.50	1.41
ELECTRIFICADORA DEL HUILA S.A. E.S.P.	332.27	4.21
ELECTRIFICADORA DEL META S.A. E.S.P.	486.41	6.16
EMPRESA DE ENERGÍA DE ARAUCA E.S.P.	60.00	0.76
EMPRESA DE ENERGIA DE BOYACA S.A. E.S.P.	777.54	9.84
EMPRESA DE ENERGIA DE CASANARE S.A. E.S.P.	396.60	5.02
EMPRESA DE ENERGIA DE PEREIRA S.A. E.S.P.	7.80	0.10
EMPRESA DE ENERGIA DEL BAJO PUTUMAYO S.A. E.S.P.	92.00	1.16
EMPRESA DE ENERGIA DEL QUINDIO S.A. E.S.P.	17.00	0.22
EMPRESA DE ENERGIA ELECTRICA DEL DEPARTAMENTO DEL GUAVIARE S.A. E.S.P.	187.00	2.37
EMPRESA DISTRIBUIDORA DEL PACIFICO S.A. E.S.P.	206.79	2.62
EMPRESAS MUNICIPALES DE CALI E.I.C.E. E.S.P.	16.38	0.21
Ingenio Mayaguez S.A.	2.85	0.04
ISA INTERCOLOMBIA S.A. E.S.P.	3.40	0.04
TERMOYOPAL GENERACION 2 S.A.S E.S.P.	27.31	0.35
TRANSMISIÓN 138 kV	15.49	
ISA INTERCOLOMBIA S.A. E.S.P.	15.49	100.00
TRANSMISIÓN 220 kV	2,652.66	
EMPRESAS PUBLICAS DE MEDELLIN E.S.P.	814.52	30.71
GRUPO ENERGIA BOGOTA SA ESP	20.00	0.75
ISA INTERCOLOMBIA S.A. E.S.P.	177.64	6.70
TRANSELCA S.A. E.S.P.	1,640.50	61.84
TRANSMISIÓN 230 kV	10,606.26	
CELSIA COLOMBIA S.A. E.S.P.	272.33	2.57
CENTRALES ELECTRICAS DEL NORTE DE SANTANDER S.A. E.S.P.	18.40	0.17
DESARROLLO ELÉCTRICO SURIA S.A.S. E.S.P.	42.79	0.40
DISTASA S.A. E.S.P.	18.75	0.18
ELECTRIFICADORA DE SANTANDER S.A. E.S.P.	120.41	1.14
EMPRESAS PUBLICAS DE MEDELLIN E.S.P.	181.57	1.71
GRUPO ENERGIA BOGOTA SA ESP	1,740.49	16.41
ISA INTERCOLOMBIA S.A. E.S.P.	8,211.52	77.42
TRANSMISIÓN 500 kV	3,215.17	
EMPRESAS PUBLICAS DE MEDELLIN E.S.P.	45.90	1.43
ISA INTERCOLOMBIA S.A. E.S.P.	3,169.27	98.57

CAPACIDAD DE TRANSFORMACIÓN POR AGENTE OPERADOR

Capacidad

Agente Operador	Capacidad de Transformación (MW)	Cap. Transformación (%)
TOTAL TRANSFORMACIÓN SIN TRANSFORMACIÓN 110 kV	75,332.58	
TRANSFORMACIÓN 110 kV	10,130.00	
AIR- E S.A.S. E.S.P.	1,748.00	17.26
CARIBEMAR DE LA COSTA S.A.S. E.S.P.	1,223.00	12.07
CELSIA COLOMBIA S.A. E.S.P.	1,237.40	12.22
CELSIA S.A. E.S.P.	25.00	0.25
COMPAÑIA ENERGETICA DE OCCIDENTE S.A.S. ESP	15.00	0.15
EMPRESA DISTRIBUIDORA DEL PACIFICO S.A. E.S.P.	5.00	0.05
EMPRESAS MUNICIPALES DE CALI E.I.C.E. E.S.P.	651.30	6.43
EMPRESAS PUBLICAS DE MEDELLIN E.S.P.	3,417.00	33.73
GENERADORA Y COMERCIALIZADORA DE ENERGIA DEL CARIBE S.A. E.S.P.	663.00	6.54
LA CASCADA S.A.S. E.S.P.	111.50	1.10
PRIME TERMOFLORES S.A.S. E.S.P.	351.80	3.47
TERMOBARRANQUILLA S.A. EMPRESA DE SERVICIOS PUBLICOS	240.00	2.37
TERMOEMCALI I S.A. E.S.P.	180.00	1.78
TRANSELCA S.A. E.S.P.	262.00	2.59
TRANSFORMACIÓN 115 kV	11,313.78	
AES CHIVOR & CIA. S.C.A. E.S.P.	25.00	0.22
AIR- E S.A.S. E.S.P.	45.00	0.40
CARIBEMAR DE LA COSTA S.A.S. E.S.P.	45.00	0.40
CELSIA COLOMBIA S.A. E.S.P.	1,783.70	15.77
CEMENTOS ARGOS S.A.	58.00	0.51
CENTRAL HIDROELECTRICA DE CALDAS S.A. E.S.P.	1,120.06	9.90
CENTRALES ELECTRICAS DE NARIÑO S.A. E.S.P.	448.05	3.96
CENTRALES ELECTRICAS DEL NORTE DE SANTANDER S.A. E.S.P.	544.00	4.81
CODENSA S.A. E.S.P.	1,351.00	11.94
COMPAÑIA ENERGETICA DE OCCIDENTE S.A.S. ESP	289.17	2.56
ELECTRIFICADORA DE SANTANDER S.A. E.S.P.	1,258.00	11.12
ELECTRIFICADORA DEL CAQUETA S.A. E.S.P.	97.00	0.86
ELECTRIFICADORA DEL HUILA S.A. E.S.P.	315.00	2.78
ELECTRIFICADORA DEL META S.A. E.S.P.	402.50	3.56
EMPRESA DE ENERGÍA DE ARAUCA E.S.P.	45.00	0.40
EMPRESA DE ENERGIA DE BOYACA S.A. E.S.P.	383.50	3.39
EMPRESA DE ENERGIA DE CASANARE S.A. E.S.P.	160.00	1.41
EMPRESA DE ENERGIA DE PEREIRA S.A. E.S.P.	225.00	1.99
EMPRESA DE ENERGIA DEL BAJO PUTUMAYO S.A. E.S.P.	30.00	0.27
EMPRESA DE ENERGIA DEL PUTUMAYO S.A. E.S.P.	25.00	0.22
EMPRESA DE ENERGIA ELECTRICA DEL DEPARTAMENTO DEL GUAVIARE S.A. E.S.P.	24.00	0.21
EMPRESA DISTRIBUIDORA DEL PACIFICO S.A. E.S.P.	94.00	0.83
EMPRESAS MUNICIPALES DE CALI E.I.C.E. E.S.P.	406.75	3.60
EMPRESAS PUBLICAS DE MEDELLIN E.S.P.	151.00	1.33
ENEL COLOMBIA SA ESP	496.60	4.39
GESTION ENERGETICA S.A. E.S.P.	236.00	2.09
HIDROELECTRICA DEL ALTO PORCE S.A.S. E.S.P.	150.00	1.33
INGENIO PROVIDENCIA S.A.	33.00	0.29
ISAGEN S.A. E.S.P.	168.15	1.49
PRIME TERMOVALLE S.A.S EMPRESA DE SERVICIOS PUBLICOS	310.00	2.74
TERMOBARRANQUILLA S.A. EMPRESA DE SERVICIOS PUBLICOS	156.00	1.38
TERMOEMCALI I S.A. E.S.P.	94.00	0.83
TERMOYOPAL GENERACION 2 S.A.S E.S.P.	270.50	2.39
TRANSELCA S.A. E.S.P.	40.00	0.35
VATIA S.A. E.S.P.	33.80	0.30
TRANSFORMACIÓN 116.8 kV	51.00	
EMPRESAS PUBLICAS DE MEDELLIN E.S.P.	51.00	100.00
TRANSFORMACIÓN 123.54 kV	216.00	
ENEL COLOMBIA SA ESP	216.00	100.00

CAPACIDAD DE TRANSFORMACIÓN POR AGENTE OPERADOR

Capacidad

Agente Operador	Capacidad de Transformación (MW)	Cap. Transformación (%)
TRANSFORMACIÓN 138 kV	40.00	
ISA INTERCOLOMBIA S.A. E.S.P.	40.00	100.00
TRANSFORMACIÓN 220 kV	15,125.00	
AIR- E S.A.S. E.S.P.	230.00	1.52
CARIBEMAR DE LA COSTA S.A.S. E.S.P.	550.00	3.64
CELSIA COLOMBIA S.A. E.S.P.	2,378.00	15.72
CENTRAL HIDROELECTRICA DE CALDAS S.A. E.S.P.	90.00	0.60
CENTRALES ELECTRICAS DEL NORTE DE SANTANDER S.A. E.S.P.	180.00	1.19
ELECTRIFICADORA DE SANTANDER S.A. E.S.P.	270.00	1.79
EMPRESA DE ENERGIA DE BOYACA S.A. E.S.P.	60.00	0.40
EMPRESA URRRA S.A. E.S.P.	100.00	0.66
EMPRESAS PUBLICAS DE MEDELLIN E.S.P.	4,405.50	29.13
ENEL COLOMBIA SA ESP	234.00	1.55
GRUPO ENERGIA BOGOTA SA ESP	200.00	1.32
ISA INTERCOLOMBIA S.A. E.S.P.	630.00	4.17
PRIME TERMOFLORES S.A.S. E.S.P.	725.00	4.79
TERMOBARRANQUILLA S.A. EMPRESA DE SERVICIOS PUBLICOS	790.00	5.22
TERMOCANDELARIA S.C.A. - E.S.P.	437.50	2.89
TERMONORTE S.A.S. E.S.P.	125.00	0.83
TRANSELCA S.A. E.S.P.	3,720.00	24.60
TRANSFORMACIÓN 230 kV	23,256.80	
AES CHIVOR & CIA. S.C.A. E.S.P.	1,296.00	5.57
CELSIA COLOMBIA S.A. E.S.P.	1,908.00	8.20
CENTRAL HIDROELECTRICA DE CALDAS S.A. E.S.P.	700.00	3.01
CENTRALES ELECTRICAS DE NARIÑO S.A. E.S.P.	50.00	0.21
CENTRALES ELECTRICAS DEL NORTE DE SANTANDER S.A. E.S.P.	440.00	1.89
CODENSA S.A. E.S.P.	2,684.00	11.54
COMPAÑÍA ELÉCTRICA DE SOCHAGOTA S.A. E.S.P.	210.00	0.90
ELECTRIFICADORA DE SANTANDER S.A. E.S.P.	1,180.00	5.07
ELECTRIFICADORA DEL HUILA S.A. E.S.P.	150.00	0.64
ELECTRIFICADORA DEL META S.A. E.S.P.	350.00	1.50
EMPRESA DE ENERGIA DE BOYACA S.A. E.S.P.	840.00	3.61
EMPRESA DE ENERGIA DEL PUTUMAYO S.A. E.S.P.	50.00	0.21
EMPRESA DE ENERGIA DEL QUINDIO S.A. E.S.P.	50.00	0.21
EMPRESA URRRA S.A. E.S.P.	510.00	2.19
EMPRESAS PUBLICAS DE MEDELLIN E.S.P.	2,212.10	9.51
ENEL COLOMBIA SA ESP	3,572.70	15.36
GRUPO ENERGIA BOGOTA SA ESP	150.00	0.64
ISA INTERCOLOMBIA S.A. E.S.P.	3,102.00	13.34
ISAGEN S.A. E.S.P.	3,353.00	14.42
TERMOTASAJERO DOS S.A. E.S.P.	216.00	0.93
TERMOTASAJERO S.A. E.S.P.	233.00	1.00
TRANSFORMACIÓN 500 kV	15,200.00	
CODENSA S.A. E.S.P.	1,500.00	9.87
EMPRESAS PUBLICAS DE MEDELLIN E.S.P.	1,470.00	9.67
GRUPO ENERGIA BOGOTA SA ESP	350.00	2.30
ISA INTERCOLOMBIA S.A. E.S.P.	11,880.00	78.16

COBERTURA DE ENERGÍA ELÉCTRICA A 2014

METODOLOGIA UPME

Cobertura 2014

Departamento	Usuarios Cabecera Municipal SIN	Usuarios Resto SIN	Usuarios Total SIN	Usuario Subnormal SIN	Usuarios Cabecera Municipal ZNI	Usuario Resto ZNI	Usuarios Total ZIN
Amazonas	-	-	-	-	8,775	2,036	10,811
Antioquia	1,562,628	392,706	1,955,334	-	720	2,809	3,529
Arauca	40,870	16,412	62,403	5,121	-	-	-
Atlántico	451,236	21,606	541,575	68,733	-	-	-
BOGOTA D.C.	2,165,873	10,060	2,175,933	-	-	-	-
Bolívar	345,700	73,681	476,243	56,862	-	537	537
Boyacá	219,075	173,681	392,876	120	-	-	-
Caldas	202,664	82,805	285,469	-	-	-	-
Caquetá	67,738	13,076	81,510	696	150	6,574	6,724
Casanare	89,422	15,354	104,776	-	-	1,267	1,267
Cauca	147,319	169,035	318,910	2,556	4,923	16,852	21,775
Cesar	181,858	48,074	282,025	52,093	-	-	-
Chocó	61,639	11,373	74,994	1,982	9,755	35,147	44,902
Córdoba	315,047	179,692	513,133	18,394	-	-	-
Cundinamarca	565,304	291,706	857,010	-	-	-	-
Guainía	-	-	-	-	4,228	9,919	14,147
Guaviare	13,095	749	13,844	-	486	7,716	8,202
Huila	204,131	112,028	320,153	3,994	-	-	-
La Guajira	91,511	28,967	149,343	28,865	-	286	286
Magdalena	168,976	42,175	337,379	126,228	-	-	-
Meta	237,455	39,982	280,725	3,288	2,998	2,264	5,262
Nariño	187,445	161,937	351,586	2,204	8,717	42,730	51,447
Norte de Santander	304,562	59,101	363,688	25	-	-	-
Putumayo	44,294	16,524	69,442	8,624	1,117	4,650	5,767
Quindío	134,801	15,204	150,005	-	-	-	-
Risaralda	214,434	49,421	263,855	-	-	-	-
San Andres y Providencia	-	-	-	-	18,715	-	18,715
Santander	513,512	161,389	678,172	3,271	-	-	-
Sucre	128,525	57,608	198,987	12,854	-	-	-
Tolima	295,212	101,371	397,252	669	-	-	-
Valle	1,474,810	160,018	1,685,640	50,812	-	5,710	5,710
Vaupés	-	-	-	-	3,339	1,741	5,080
Vichada	-	-	-	-	6,748	1,783	8,531
Total Nacional	10429136	2505734	13382261	447391	70671	142021	212692

COBERTURA DE ENERGÍA ELÉCTRICA A 2014

METODOLOGÍA UPME

Cobertura 2014

Departamento	Usuarios cabecera municipal totales	Usuarios Resto Totales	TOTAL USUARIOS	Viviendas Cabecera Municipal	Viviendas Resto	TOTAL VIVIENDAS
Amazonas	8,775	2,036	10,811	8,775	8,471	17,246
Antioquia	1,563,348	395,515	1,958,863	1,563,348	414,332	1,977,680
Arauca	45,991	16,412	62,403	45,991	20,004	65,995
Atlántico	519,969	21,606	541,575	519,969	24,803	544,772
BOGOTÁ D.C.	2,165,873	10,060	2,175,933	2,165,873	10,082	2,175,955
Bolívar	402,562	74,218	476,780	403,995	98,619	502,614
Boyacá	219,195	173,681	392,876	219,196	187,301	406,497
Caldas	202,664	82,805	285,469	202,664	83,468	286,132
Caquetá	68,584	19,650	88,234	69,190	34,972	104,162
Casanare	89,422	16,621	106,043	89,422	27,323	116,745
Cauca	154,798	185,887	340,685	155,165	229,297	384,462
Cesar	233,951	48,074	282,025	233,951	59,790	293,741
Chocó	73,376	46,520	119,896	78,713	70,516	149,229
Córdoba	333,441	179,692	513,133	333,441	213,865	547,306
Cundinamarca	565,304	291,706	857,010	566,732	296,289	863,021
Guainía	4,228	9,919	14,147	4,228	11,594	15,822
Guaviare	13,581	8,465	22,046	14,352	13,569	27,921
Huila	208,125	112,028	320,153	208,125	123,725	331,850
La Guajira	120,376	29,253	149,629	120,376	65,661	186,037
Magdalena	295,204	42,175	337,379	295,204	70,541	365,745
Meta	243,741	42,246	285,987	244,668	57,373	302,041
Nariño	198,366	204,667	403,033	199,368	223,662	423,030
Norte de Santander	304,587	59,101	363,688	304,887	69,804	374,691
Putumayo	54,035	21,174	75,209	57,984	49,168	107,152
Quindío	134,801	15,204	150,005	134,801	15,505	150,306
Risaralda	214,434	49,421	263,855	214,434	51,875	266,309
San Andres y Providencia	18,715	-	18,715	18,715	-	18,715
Santander	516,783	161,389	678,172	516,783	177,033	693,816
Sucre	141,379	57,608	198,987	141,379	64,089	205,468
Tolima	295,881	101,371	397,252	295,882	116,393	412,275
Valle	1,525,622	165,728	1,691,350	1,534,956	174,109	1,709,065
Vaupés	3,339	1,741	5,080	3,483	4,378	7,861
Vichada	6,748	1,783	8,531	7,602	6,963	14,565
Total Nacional	10947198	2647755	13594953	10973652	3074574	14048226

COBERTURA DE ENERGÍA ELÉCTRICA A 2014

METODOLOGIA UPME

Cobertura 2014

ICEE Cabecera Municipal	ICEE resto	ICEE Total	Déficit Cobertura CM	Déficit Cobertura Resto	Déficit de cobertura total	VSS Cabecera Municipal	VSS Testo	VSS Total
10v0.00%	24.03%	62.69%	0.00%	75.97%	37.31%	-	6,435	6,435
100.00%	95.46%	99.05%	0.00%	4.54%	0.95%	-	18,817	18,817
100.00%	82.04%	94.56%	0.00%	17.96%	5.44%	-	3,592	3,592
100.00%	87.11%	99.41%	0.00%	12.89%	0.59%	-	3,197	3,197
100.00%	99.78%	100.00%	0.00%	0.22%	0.00%	-	22	22
99.65%	75.26%	94.86%	0.35%	24.74%	5.14%	1,433	24,401	25,834
100.00%	92.73%	96.65%	0.00%	7.27%	3.35%	1	13,620	13,621
100.00%	99.21%	99.77%	0.00%	0.79%	0.23%	-	663	663
99.12%	56.19%	84.71%	0.88%	43.81%	15.29%	606	15,322	15,928
100.00%	60.83%	90.83%	0.00%	39.17%	9.17%	-	10,702	10,702
99.76%	81.07%	88.61%	0.24%	18.93%	11.39%	367	43,410	43,777
100.00%	80.40%	96.01%	0.00%	19.60%	3.99%	-	11,716	11,716
93.22%	65.97%	80.34%	6.78%	34.03%	19.66%	5,337	23,996	29,333
100.00%	84.02%	93.76%	0.00%	15.98%	6.24%	-	34,173	34,173
99.75%	98.45%	99.30%	0.25%	1.55%	0.70%	1,428	4,583	6,011
100.00%	85.55%	89.41%	0.00%	14.45%	10.59%	-	1,675	1,675
94.63%	62.38%	78.96%	5.37%	37.62%	21.04%	771	5,104	5,875
100.00%	90.55%	96.48%	0.00%	9.45%	3.52%	-	11,697	11,697
100.00%	44.55%	80.43%	0.00%	55.45%	19.57%	-	36,408	36,408
100.00%	59.79%	92.24%	0.00%	40.21%	7.76%	-	28,366	28,366
99.62%	73.63%	94.68%	0.38%	26.37%	5.32%	927	15,127	16,054
99.50%	91.51%	95.27%	0.50%	8.49%	4.73%	1,002	18,995	19,997
99.90%	84.67%	97.06%	0.10%	15.33%	2.94%	300	10,703	11,003
93.19%	43.06%	70.19%	6.81%	56.94%	29.81%	3,949	27,994	31,943
100.00%	98.06%	99.80%	0.00%	1.94%	0.20%	-	301	301
100.00%	95.27%	99.08%	0.00%	4.73%	0.92%	-	2,454	2,454
100.00%		100.00%	0.00%	100.00%	0.00%	-	-	-
100.00%	91.16%	97.75%	0.00%	8.84%	2.25%	-	15,644	15,644
100.00%	89.89%	96.85%	0.00%	10.11%	3.15%	-	6,481	6,481
100.00%	87.09%	96.36%	0.00%	12.91%	3.64%	1	15,022	15,023
99.39%	95.19%	98.96%	0.61%	4.81%	1.04%	9,334	8,381	17,715
95.87%	39.77%	64.62%	4.13%	60.23%	35.38%	144	2,637	2,781
88.77%	25.61%	58.57%	11.23%	74.39%	41.43%	854	5,180	6,034
99.76%	86.12%	96.77%	0.24%	13.88%	3.23%	26454	426819	453273

COBERTURA DE ENERGÍA ELÉCTRICA A 2015

Cobertura 2015

Cód. DANE	Departamento	Usuarios cabecera municipal SIN	Usuarios Resto SIN	Usuarios Total SIN	Usuario Subnormal SIN	Usuarios Cabecera Municipal ZNI	Usuario resto ZNI
91	Amazonas	-	-	-	-	8,775	2,036
05	Antioquia	1,623,862	416,969	2,040,831	-	720	2,809
81	Arauca	36,038	17,548	60,369	6,783	-	-
08	Atlántico	451,236	21,606	541,575	68,733	-	-
11	BOGOTA D.C.	2,194,443	34,330	2,228,773	-	-	-
13	Bolívar	345,175	75,451	477,488	56,862	-	537
15	Boyacá	264,807	183,287	448,094	-	-	-
17	Caldas	207,911	84,282	292,193	-	-	-
18	Caquetá	70,069	15,464	86,014	481	335	7,284
85	Casanare	94,410	16,576	110,986	-	-	1,267
19	Cauca	152,307	177,067	331,899	2,525	4,923	16,852
20	Cesar	184,416	52,503	288,492	51,573	-	-
27	Chocó	62,492	12,958	77,432	1,982	17,479	54,025
23	Córdoba	316,156	184,470	519,020	18,394	-	-
25	Cundinamarca	602,825	305,633	908,458	-	-	64
94	Guainía	-	-	-	-	4,228	9,852
95	Guaviare	13,095	749	13,844	-	972	13,329
41	Huila	204,131	112,028	320,153	3,994	-	-
44	La Guajira	91,511	28,967	149,343	28,865	-	143
47	Magdalena	168,976	42,175	337,379	126,228	-	-
50	Meta	249,760	42,621	295,669	3,288	3,090	2,264
52	Nariño	192,218	170,077	364,346	2,051	8,717	46,910
54	Norte de Santander	313,394	64,686	378,257	177	-	-
86	Putumayo	36,623	14,627	51,250	-	1,117	4,650
63	Quindío	137,886	18,188	156,074	-	-	-
66	Risaralda	220,600	53,217	273,817	-	-	-
88	San Andres y Providencia	-	-	-	-	18,715	-
68	Santander	502,147	217,031	761,455	42,277	-	-
70	Sucre	128,525	57,608	198,987	12,854	-	-
73	Tolima	306,009	103,079	409,767	679	-	-
76	Valle	1,027,657	157,981	1,196,021	10,383	-	5,710
97	Vaupés	-	-	-	-	3,339	1,741
99	Vichada	-	-	-	-	6,748.00	1,746.00
100	Total Nacional	10,198,679	2,681,177	13,317,985	438,129	79,158	171,219

COBERTURA DE ENERGÍA ELÉCTRICA A 2015

Cobertura 2015

Cód. DANE	Departamento	Usuarios Total ZIN	Usuarios cabecera municipal totales	Usuarios Resto Totales	TOTAL USUARIOS	Viviendas Cabecera Municipal	Viviendas Resto	TOTAL VIVIENDAS
91	Amazonas	10,811	8,775	2,036	10,811	8,775	8,471	17,246
05	Antioquia	3,529	1,624,582	419,778	2,044,360	1,624,821	426,575	2,051,396
81	Arauca	-	42,821	17,548	60,369	42,821	21,011	63,832
08	Atlántico	-	519,969	21,605	541,574	519,969	24,802	544,771
11	BOGOTA D.C.	-	2,194,443	34,330	2,228,773	2,194,443	34,330	2,228,773
13	Bolívar	537	402,036	75,988	478,024	403,472	99,303	502,775
15	Boyacá	-	264,807	183,287	448,094	264,937	194,300	459,237
17	Caldas	-	207,911	84,282	292,193	207,911	84,545	292,456
18	Caquetá	7,619	70,885	22,748	93,633	71,168	35,259	106,427
85	Casanare	1,267	94,410	17,843	112,253	94,410	31,065	125,475
19	Cauca	21,775	159,755	193,919	353,674	160,034	234,943	394,977
20	Cesar	-	235,989	52,502	288,491	235,990	62,893	298,883
27	Chocó	71,504	81,953	66,983	148,936	88,106	83,078	171,184
23	Córdoba	-	334,549	184,470	519,019	334,822	222,647	557,469
25	Cundinamarca	64	602,825	305,697	908,522	608,860	309,576	918,436
94	Guainía	14,080	4,228	9,852	14,080	4,228	11,594	15,822
95	Guaviare	14,301	14,067	14,078	28,145	14,769	17,637	32,406
41	Huila	-	208,125	112,028	320,153	208,125	124,283	332,408
44	La Guajira	143	120,376	29,110	149,486	120,376	83,871	204,247
47	Magdalena	-	295,204	42,174	337,378	295,204	70,540	365,744
50	Meta	5,354	256,138	44,885	301,023	258,308	58,049	316,357
52	Nariño	55,627	202,986	216,987	419,973	205,165	230,305	435,470
54	Norte de Santander	-	313,571	64,686	378,257	314,189	71,570	385,759
86	Putumayo	5,767	37,740	19,277	57,017	41,873	49,168	91,041
63	Quindío	-	137,886	18,188	156,074	137,886	18,330	156,216
66	Risaralda	-	220,600	53,217	273,817	220,600	53,225	273,825
88	San Andres y Providencia	18,715	18,715	-	18,715	18,715	-	18,715
68	Santander	-	544,424	217,031	761,455	544,424	223,097	767,521
70	Sucre	-	141,379	57,607	198,986	141,379	64,708	206,087
73	Tolima	-	306,688	103,079	409,767	306,688	116,631	423,319
76	Valle	5,710	1,038,040	163,691	1,201,731	1,042,192	170,542	1,212,734
97	Vaupés	5,080	3,339	1,741	5,080	3,483	4,378	7,861
99	Vichada	8,494.00	6,748.00	1,746.00	8,494.00	7,737.00	6,963.00	14,700.00
100	Total Nacional	250,377	10,715,964	2,852,393	13,568,357	10,745,880	3,247,689	13,993,569



COBERTURA DE ENERGÍA ELÉCTRICA A 2015

Cobertura 2015

ICEE Cabecera Municipal	ICEE Resto	ICEE Total	Déficit Cobertura CM	Déficit Cobertura Resto	Déficit de Cobertura Total	VSS Cabecera Municipal	VSS Resto	VSS Total
100.00%	24.03%	62.69%	0.00%	75.97%	37.31%	-	6,435	6,435
99.99%	98.41%	99.66%	0.01%	1.59%	0.34%	239	6,797	7,036
100.00%	83.52%	94.57%	0.00%	16.48%	5.43%	-	3,463	3,463
100.00%	87.11%	99.41%	0.00%	12.89%	0.59%	-	3,197	3,197
100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	-	-	-
99.64%	76.52%	95.08%	0.36%	23.48%	4.92%	1,436	23,315	24,751
99.95%	94.33%	97.57%	0.05%	5.67%	2.43%	130	11,013	11,143
100.00%	99.69%	99.91%	0.00%	0.31%	0.09%	-	263	263
99.60%	64.52%	87.98%	0.40%	35.48%	12.02%	283	12,511	12,794
100.00%	57.44%	89.46%	0.00%	42.56%	10.54%	-	13,222	13,222
99.83%	82.54%	89.54%	0.17%	17.46%	10.46%	279	41,024	41,303
100.00%	83.48%	96.52%	0.00%	16.52%	3.48%	1	10,391	10,392
93.02%	80.63%	87.00%	6.98%	19.37%	13.00%	6,153	16,095	22,248
99.92%	82.85%	93.10%	0.08%	17.15%	6.90%	273	38,177	38,450
99.01%	98.75%	98.92%	0.99%	1.25%	1.08%	6,035	3,879	9,914
100.00%	84.97%	88.99%	0.00%	15.03%	11.01%	-	1,742	1,742
95.25%	79.82%	86.85%	4.75%	20.18%	13.15%	702	3,559	4,261
100.00%	90.14%	96.31%	0.00%	9.86%	3.69%	-	12,255	12,255
100.00%	34.71%	73.19%	0.00%	65.29%	26.81%	-	54,761	54,761
100.00%	59.79%	92.24%	0.00%	40.21%	7.76%	-	28,366	28,366
99.16%	77.32%	95.15%	0.84%	22.68%	4.85%	2,170	13,164	15,334
98.94%	94.22%	96.44%	1.06%	5.78%	3.56%	2,179	13,318	15,497
99.80%	90.38%	98.06%	0.20%	9.62%	1.94%	618	6,884	7,502
90.13%	39.21%	62.63%	9.87%	60.79%	37.37%	4,133	29,891	34,024
100.00%	99.23%	99.91%	0.00%	0.77%	0.09%	-	142	142
100.00%	99.98%	100.00%	0.00%	0.02%	0.00%	-	8	8
100.00%		100.00%	0.00%	100.00%	0.00%	-	-	-
100.00%	97.28%	99.21%	0.00%	2.72%	0.79%	-	6,066	6,066
100.00%	89.03%	96.55%	0.00%	10.97%	3.45%	-	7,101	7,101
100.00%	88.38%	96.80%	0.00%	11.62%	3.20%	-	13,552	13,552
99.60%	95.98%	99.09%	0.40%	4.02%	0.91%	4,152	6,851	11,003
95.87%	39.77%	64.62%	4.13%	60.23%	35.38%	144	2,637	2,781
87.22%	25.08%	57.78%	12.78%	74.92%	42.22%	989.00	5,217.00	6,206.00
99.72%	87.83%	96.96%	0.28%	12.17%	3.04%	29,916	395,296	425,212

COBERTURA DE ENERGÍA ELÉCTRICA A 2016

Cobertura 2016

Cód. DANE	Departamento	Usuarios cabecera municipal SIN	Usuarios Resto SIN	Usuarios Total SIN	Usuario Subnormal SIN	Usuarios Cabecera Municipal ZNI	Usuario resto ZNI
91	Amazonas	0	0	0	0	9,899	3,812
05	Antioquia	1,667,320	428,876	2,096,196	0	996	3,447
81	Arauca	42,973	19,751	70,285	7,561	0	180
08	Atlántico	525,780	25,373	632,130	80,973	0	0
11	BOGOTA D.C.	2,239,425	42,991	2,282,416	0	0	0
13	Bolívar	395,182	85,786	546,816	65,849	0	576
15	Boyacá	236,933	179,211	416,144	0	0	0
17	Caldas	211,306	82,758	294,064	0	0	0
18	Caquetá	72,634	15,338	88,070	98	911	4,621
85	Casanare	102,225	19,394	121,619	0	0	280
19	Cauca	154,047	184,678	338,880	155	4,933	15,520
20	Cesar	201,023	52,468	315,212	61,721	0	0
27	Chocó	72,103	15,269	90,481	3,109	10,212	33,858
23	Córdoba	242,713	170,726	434,456	21,021	0	0
25	Cundinamarca	642,391	318,954	961,345	0	0	64
94	Guainía	0	0	0	0	4,919	4,754
95	Guaviare	12,837	1,342	14,179	0	1,125	2,296
41	Huila	240,243	122,299	365,702	3,160	0	0
44	La Guajira	98,046	30,543	159,006	30,414	0	390
47	Magdalena	189,833	46,787	384,996	148,376	0	0
50	Meta	232,034	39,542	276,388	4,812	511	1,826
52	Nariño	223,005	181,297	404,302	0	9,281	47,845
54	Norte de Santander	329,207	65,572	394,996	217	0	0
86	Putumayo	34,003	16,976	65,214	14,235	2,466	4,784
63	Quindío	141,298	15,708	157,006	0	0	0
66	Risaralda	230,443	51,391	281,834	0	0	0
88	San Andres y Providencia	0	0	0	0	20,810	0
68	Santander	487,857	185,622	688,067	14,588	0	0
70	Sucre	145,526	65,070	225,346	14,751	0	0
73	Tolima	316,902	106,331	423,680	447	0	0
76	Valle	992,451	151,171	1,187,836	15,120	0	9,021
97	Vaupés	0	0	0	0	2,487	2,517
99	Vichada	0	0	0	0	7,586	1,912
100	Total Nacional	10,479,740	2,721,224	13,716,666	486,607	76,136	137,703

COBERTURA DE ENERGÍA ELÉCTRICA A 2016

Cobertura 2016

Cód. DANE	Departamento	Usuarios Total ZIN	Usuarios cabecera municipal totales	Usuarios Resto Totales	TOTAL USUARIOS	Viviendas Cabecera Municipal	Viviendas Resto	TOTAL VIVIENDAS
91	Amazonas	13,711	9,899	3,812	13,711	9,899	9,344	19,243
05	Antioquia	4,443	1,668,316	432,323	2,100,639	1,668,316	453,712	2,122,028
81	Arauca	180	50,534	19,931	70,465	51,542	27,221	78,763
08	Atlántico	0	606,753	25,373	632,130	606,753	26,070	632,823
11	BOGOTA D.C.	0	2,239,425	42,991	2,282,416	2,239,425	43,028	2,282,453
13	Bolívar	576	461,029	86,362	547,392	461,029	96,583	557,612
15	Boyacá	0	236,933	179,211	416,144	236,983	191,161	428,144
17	Caldas	0	211,306	82,758	294,064	211,306	83,359	294,665
18	Caquetá	5,532	73,643	19,959	93,602	75,857	46,496	122,353
85	Casanare	280	102,225	19,674	121,899	102,225	26,384	128,609
19	Cauca	20,453	159,135	200,198	359,333	159,135	236,955	396,090
20	Cesar	0	262,743	52,468	315,212	262,743	57,643	320,386
27	Chocó	44,070	85,424	49,127	134,551	90,407	71,617	162,024
23	Córdoba	0	263,733	170,726	434,456	263,733	175,272	439,005
25	Cundinamarca	64	642,391	319,018	961,409	646,929	325,509	972,438
94	Guainía	9,673	4,919	4,754	9,673	4,919	8,411	13,330
95	Guaviare	3,421	13,962	3,638	17,600	14,772	12,366	27,138
41	Huila	0	243,403	122,299	365,702	243,403	135,921	379,324
44	La Guajira	390	128,463	30,933	159,396	128,463	92,861	221,324
47	Magdalena	0	338,209	46,787	384,996	338,209	52,832	391,041
50	Meta	2,337	237,357	41,368	278,725	245,527	69,348	314,875
52	Nariño	57,126	232,286	229,142	461,428	232,374	239,135	471,509
54	Norte de Santander	0	329,424	65,572	394,996	329,424	82,958	412,382
86	Putumayo	7,250	50,704	21,760	72,464	52,970	50,229	103,199
63	Quindío	0	141,298	15,708	157,006	145,851	18,353	164,204
66	Risaralda	0	230,443	51,391	281,834	230,443	51,506	281,949
88	San Andres y Providencia	20,810	20,810	0	20,810	20,810	0	20,810
68	Santander	0	502,445	185,622	688,067	502,478	195,397	697,875
70	Sucre	0	160,276	65,070	225,346	160,276	67,226	227,502
73	Tolima	0	317,349	106,331	423,680	317,380	117,834	435,214
76	Valle	9,021	1,036,665	160,192	1,196,857	1,038,532	179,078	1,217,610
97	Vaupés	5,004	2,487	2,517	5,004	2,549	4,472	7,021
99	Vichada	9,498	7,586	1,912	9,498	7,586	7,673	15,259
100	Total Nacional	213,839	11,071,575	2,858,927	13,930,505	11,102,248	3,255,954	14,358,202



COBERTURA DE ENERGÍA ELÉCTRICA A 2016

Cobertura 2016

ICEE Cabecera Municipal	ICEE Resto	ICEE Total	Déficit Cobertura CM	Déficit Cobertura Resto	Déficit de Cobertura Total	VSS Cabecera Municipal	VSS Resto	VSS Total
100.00%	40.80%	71.25%	0.00%	59.20%	28.75%	0	5,532	5,532
100.00%	95.29%	98.99%	0.00%	4.71%	1.01%	0	21,389	21,389
98.04%	73.22%	89.46%	1.96%	26.78%	10.54%	1,008	7,290	8,298
100.00%	97.33%	99.89%	0.00%	2.67%	0.11%	0	697	693
100.00%	99.91%	100.00%	0.00%	0.09%	0.00%	0	37	37
100.00%	89.42%	98.17%	0.00%	10.58%	1.83%	0	10,221	10,220
99.98%	93.75%	97.20%	0.02%	6.25%	2.80%	50	11,950	12,000
100.00%	99.28%	99.80%	0.00%	0.72%	0.20%	0	601	601
97.08%	42.93%	76.50%	2.92%	57.07%	23.50%	2,214	26,537	28,751
100.00%	74.57%	94.78%	0.00%	25.43%	5.22%	0	6,710	6,710
100.00%	84.49%	90.72%	0.00%	15.51%	9.28%	0	36,757	36,757
100.00%	91.02%	98.39%	0.00%	8.98%	1.61%	0	5,175	5,174
94.49%	68.60%	83.04%	5.51%	31.40%	16.96%	4,983	22,490	27,473
100.00%	97.41%	98.96%	0.00%	2.59%	1.04%	0	4,546	4,549
99.30%	98.01%	98.87%	0.70%	1.99%	1.13%	4,538	6,491	11,029
100.00%	56.52%	72.57%	0.00%	43.48%	27.43%	0	3,657	3,657
94.52%	29.42%	64.85%	5.48%	70.58%	35.15%	810	8,728	9,538
100.00%	89.98%	96.41%	0.00%	10.02%	3.59%	0	13,622	13,622
100.00%	33.31%	72.02%	0.00%	66.69%	27.98%	0	61,928	61,928
100.00%	88.56%	98.45%	0.00%	11.44%	1.55%	0	6,045	6,045
96.67%	59.65%	88.52%	3.33%	40.35%	11.48%	8,170	27,980	36,150
99.96%	95.82%	97.86%	0.04%	4.18%	2.14%	88	9,993	10,081
100.00%	79.04%	95.78%	0.00%	20.96%	4.22%	0	17,386	17,386
95.72%	43.32%	70.22%	4.28%	56.68%	29.78%	2,266	28,469	30,735
96.88%	85.59%	95.62%	3.12%	14.41%	4.38%	4,553	2,645	7,198
100.00%	99.78%	99.96%	0.00%	0.22%	0.04%	0	115	115
100.00%	NA	100.00%	0.00%	0.00%	0.00%	0	0	0
99.99%	95.00%	98.59%	0.01%	5.00%	1.41%	33	9,775	9,808
100.00%	96.79%	99.05%	0.00%	3.21%	0.95%	0	2,156	2,156
99.99%	90.24%	97.35%	0.01%	9.76%	2.65%	31	11,503	11,534
99.82%	89.45%	98.30%	0.18%	10.55%	1.70%	1,867	18,886	20,753
97.57%	56.28%	71.27%	2.43%	43.72%	28.73%	62	1,955	2,017
100.00%	24.92%	62.25%	0.00%	75.08%	37.75%	0	5,761	5,761
99.72%	87.81%	97.02%	0.28%	12.19%	2.98%	30,673	397,027	427,697

ÍNDICE DE COBERTURA DE ENERGÍA ELÉCTRICA - ICEE 2018

METODOLOGÍA UPME 2018 - publicado Diciembre 30 de 2018

Cobertura 2018

Cód. DANE	Departamento	USUARIOS REPORTADOS A LA UPME					
		Usuarios cabecera municipal SIN	Usuarios Resto SIN	Usuarios Total SIN	Usuario Barrios Subnormales	Usuarios Zonas de Difícil Gestión	Usuario Áreas Rurales de menor desarrollo
91	Amazonas	-	-	-	-	-	-
05	Antioquia	1,746,876	465,677	2,212,553	-	-	-
81	Arauca	40,628	6,280	46,908	7,623	-	15,707
08	Atlántico	-	-	-	-	-	-
11	BOGOTA D.C.	2,092,214	3,321	2,095,535	-	-	-
13	Bolívar	10,120	3,793	13,913	-	-	-
15	Boyacá	254,558	185,277	439,835	-	-	44,374
17	Caldas	219,328	83,793	303,121	-	-	-
18	Caquetá	74,642	18,542	93,184	-	-	-
85	Casanare	108,814	22,606	131,420	-	-	-
19	Cauca	162,666	203,907	366,573	38	2,557	-
20	Cesar	52,777	8,605	61,382	-	-	155
27	Chocó	77,858	18,246	96,104	1,051	-	-
23	Córdoba	28	1,518	1,546	-	-	-
25	Cundinamarca	667,684	284,492	952,176	-	-	-
94	Guainía	-	-	-	-	-	-
95	Guaviare	13,238	1,954	15,192	-	-	-
41	Huila	231,794	123,847	355,641	-	-	-
44	La Guajira	-	-	-	-	-	-
47	Magdalena	-	-	-	-	-	-
50	Meta	251,728	43,248	294,976	86	-	-
52	Nariño	238,092	186,019	424,111	-	-	-
54	Norte de Santander	364,915	67,162	432,077	-	-	-
86	Putumayo	21,291	9,792	31,083	12,069	-	-
63	Quindío	156,024	16,467	172,491	1,409	-	-
66	Risaralda	247,656	52,686	300,342	-	-	-
88	San Andres y Providencia	-	-	-	-	-	-
68	Santander	522,982	182,109	705,091	-	-	1,477
70	Sucre	-	-	-	-	-	-
73	Tolima	341,143	111,541	452,684	-	-	-
76	Valle	1,059,168	124,648	1,183,816	2,260	30,121	-
97	Vaupés	-	-	-	-	-	-
99	Vichada	-	-	-	-	-	-
100	Total Nacional	8,956,224	2,225,530	11,181,754	24,536	32,678	61,713

ÍNDICE DE COBERTURA DE ENERGÍA ELÉCTRICA - ICEE 2018

METODOLOGÍA UPME 2018 - publicado Diciembre 30 de 2018

Cobertura 2018

Cód. DANE	Departamento	USUARIOS REPORTADOS A LA UPME			USUARIOS PARA LA ESTIMACIÓN DEL ICEE (1)		
		Usuarios Cabecera municipal ZNI	Usuario Resto ZNI	Usuarios total ZNI	Total Usuarios Cabecera Municipal	Total Usuarios Resto	Total Usuarios
91	Amazonas	11,006	2,808	13,814	11,006	2,808	9,344
05	Antioquia	948	3,291	4,239	1,748,289	468,968	453,712
81	Arauca	-	146	146	48,251	22,133	27,221
08	Atlántico	-	-	-	540,918	24,804	26,070
11	BOGOTA D.C.	-	-	-	2,092,214	3,321	43,028
13	Bolívar	533	43	576	369,952	96,878	96,583
15	Boyacá	-	-	-	254,558	229,651	191,161
17	Caldas	-	-	-	219,328	83,793	83,359
18	Caquetá	558	2,619	3,177	79,008	21,161	46,496
85	Casanare	68	195	263	108,882	22,801	26,384
19	Cauca	8,392	7,512	15,904	173,653	211,419	236,955
20	Cesar	-	-	-	222,579	51,830	57,643
27	Chocó	24,814	24,019	48,833	106,853	48,583	71,617
23	Córdoba	-	-	-	226,437	157,430	175,272
25	Cundinamarca	-	-	-	667,684	284,492	325,509
94	Guainía	21,854	-	21,854	21,854	-	8,411
95	Guaviare	776	2,651	3,427	14,014	4,605	12,366
41	Huila	-	-	-	231,794	123,847	135,921
44	La Guajira	390	-	390	91,247	25,794	92,861
47	Magdalena	436	-	436	219,654	68,099	52,832
50	Meta	634	189	823	251,832	44,711	69,348
52	Nariño	4,681	51,342	56,023	242,773	237,361	239,135
54	Norte de Santander	-	-	-	364,915	67,954	82,958
86	Putumayo	3,325	2,963	6,288	52,872	19,394	50,229
63	Quindío	-	-	-	157,433	16,467	18,353
66	Risaralda	-	-	-	247,656	52,686	51,506
88	San Andres y Providencia	5,483	2,057	7,540	5,483	2,057	0
68	Santander	-	-	-	522,982	183,586	195,397
70	Sucre	-	-	-	143,170	71,882	67,226
73	Tolima	-	-	-	341,143	111,541	117,834
76	Valle	2,221	9,021	11,242	1,084,803	162,327	179,078
97	Vaupés	3,148	428	3,576	3,148	448	4,472
99	Vichada	8,990	112	9,102	8,990	559	7,673
100	Total Nacional	98,257	109,396	207,653	10,875,375	2,923,390	3,255,954

ÍNDICE DE COBERTURA DE ENERGÍA ELÉCTRICA - ICEE 2018

METODOLOGÍA UPME 2018 - publicado Diciembre 30 de 2018

Cobertura 2018

VIVIENDAS AJUSTADAS PARA LA ESTIMACIÓN DEL ICEE (2)			VIVIENDAS SIN SERVICIO - VSS			ÍNDICE DE COBERTURA DE ENERGÍA ELÉCTRICA - ICEE		
Viviendas Cabecera municipal	Viviendas Resto	Total Viviendas	VSS Cabecera Municipal	VSS Resto	VSS Totales	ICEE cabecera municipal	ICEE resto	ICEE Total
11,660	6,365	18,025	654	3,557	4,211	94.39%	44.12%	76.64%
1,748,309	492,733	2,241,042	20	23,765	23,785	100.00%	95.18%	98.94%
49,841	26,577	76,418	1,590	4,444	6,034	96.81%	83.28%	92.10%
544,572	26,935	571,507	3,654	2,131	5,785	99.33%	92.09%	98.99%
2,092,214	3,502	2,095,716	-	181	181	100.00%	94.83%	99.99%
374,825	116,915	491,740	4,873	20,037	24,910	98.70%	82.86%	94.93%
255,582	239,361	494,943	1,024	9,710	10,734	99.60%	95.94%	97.83%
219,328	84,138	303,466	-	345	345	100.00%	99.59%	99.89%
81,166	36,188	117,354	2,158	15,027	17,185	97.34%	58.48%	85.36%
110,125	29,781	139,906	1,243	6,980	8,223	98.87%	76.56%	94.12%
176,374	240,973	417,347	2,721	29,554	32,275	98.46%	87.74%	92.27%
225,265	65,492	290,757	2,686	13,662	16,348	98.81%	79.14%	94.38%
108,183	76,812	184,995	1,330	28,229	29,559	98.77%	63.25%	84.02%
228,462	169,879	398,341	2,025	12,449	14,474	99.11%	92.67%	96.37%
667,684	291,692	959,376	-	7,200	7,200	100.00%	97.53%	99.25%
21,923	-	21,923	69	-	69	99.69%	N/A	99.69%
14,465	10,311	24,776	451	5,706	6,157	96.88%	44.66%	75.15%
232,164	136,050	368,214	370	12,203	12,573	99.84%	91.03%	96.59%
96,053	102,948	199,001	4,806	77,154	81,960	95.00%	25.06%	58.81%
222,765	82,954	305,719	3,111	14,855	17,966	98.60%	82.09%	94.12%
254,211	65,709	319,920	2,379	20,998	23,377	99.06%	68.04%	92.69%
244,740	271,658	516,398	1,967	34,297	36,264	99.20%	87.37%	92.98%
366,586	83,611	450,197	1,671	15,657	17,328	99.54%	81.27%	96.15%
54,315	40,086	94,401	1,443	20,692	22,135	97.34%	48.38%	76.55%
157,433	16,628	174,061	-	161	161	100.00%	99.03%	99.91%
247,656	52,798	300,454	-	112	112	100.00%	99.79%	99.96%
6,249	5,017	11,266	766	2,960	3,726	87.74%	41.00%	66.93%
523,967	193,790	717,757	985	10,204	11,189	99.81%	94.73%	98.44%
144,734	77,425	222,159	1,564	5,543	7,107	98.92%	92.84%	96.80%
342,459	122,767	465,226	1,316	11,226	12,542	99.62%	90.86%	97.30%
1,091,895	183,072	1,274,967	7,092	20,745	27,837	99.35%	88.67%	97.82%
3,313	3,894	7,207	165	3,446	3,611	95.02%	11.50%	49.90%
9,589	10,585	20,174	599	10,026	10,625	93.75%	5.28%	47.33%
10,928,107	3,366,646	14,294,753	52,732	443,256	495,988	99.52%	86.83%	96.53%

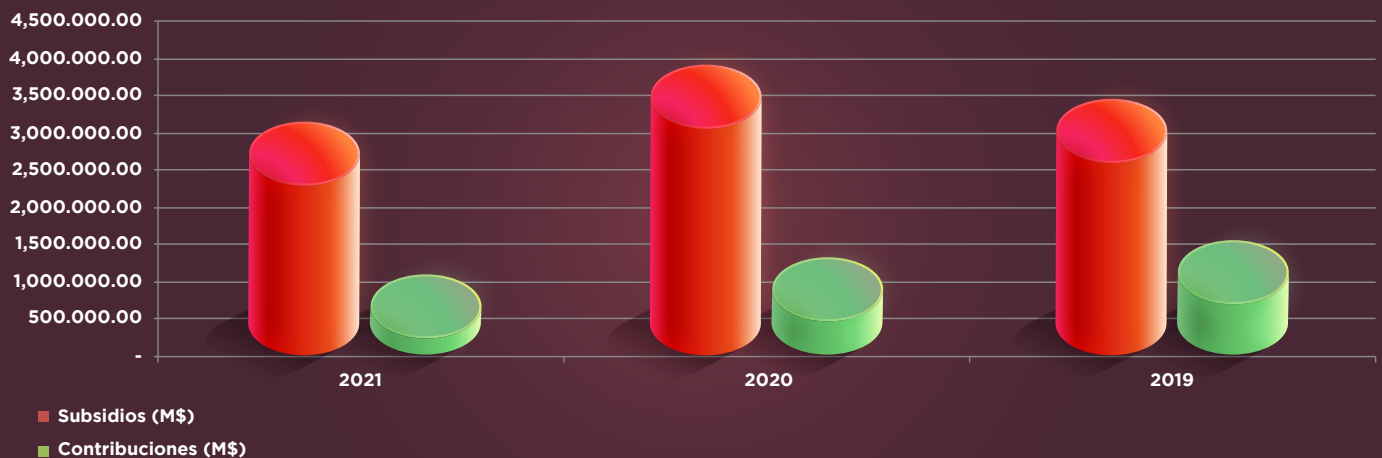


SUBSIDIOS - CONTRIBUCIONES Y APORTES DE LA NACIÓN SECTOR ELECTRICO

Millones de pesos / 2018-2021

Resumen Subsidios

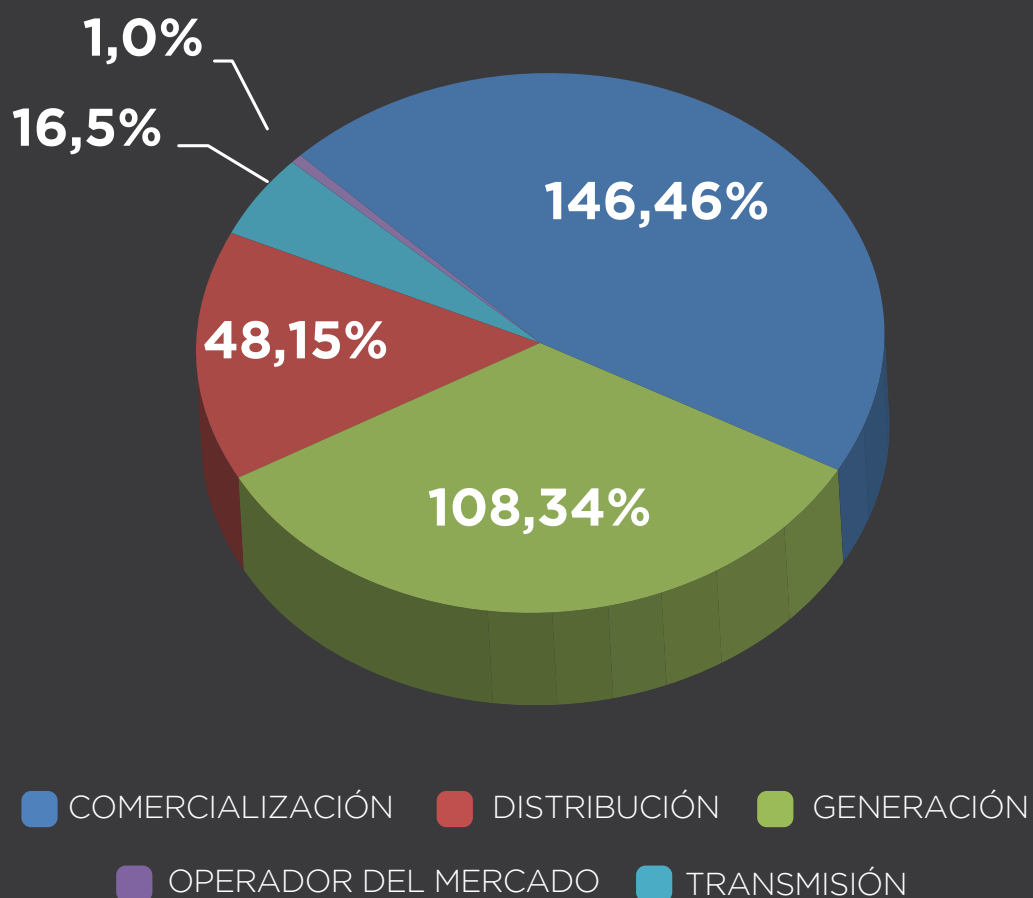
Año	Subsidios (M\$)	Contribuciones (M\$)
2021	2,991,756.55	1,070,091.87
2020	3,847,760.98	1,253,360.13
2019	3,405,108.42	1,428,726.14
2018	3,090,589.37	1,332,093.31





NÚMERO DE AGENTES POR ACTIVIDAD

Agentes



COMERCIALIZACIÓN	146
DISTRIBUCIÓN	48
GENERACIÓN	108
OPERADOR DEL MERCADO	1
TRANSMISIÓN	16

Fuente: SUI

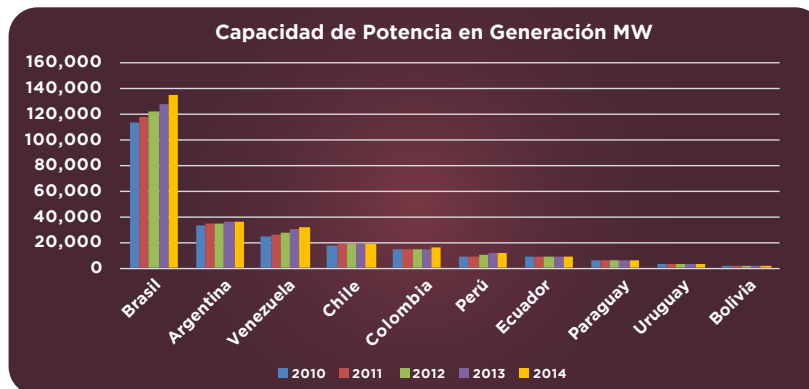


EVOLUCIÓN DE LA CAPACIDAD DE POTENCIA EN GENERACIÓN INSTALADA PAISES DE AMÉRICA DEL SUR / MW

Internacional

País	2010	2011	2012	2013	2014
Brasil	112,399	117,135	120,973	126,755	133,930
Argentina	32,847	33,810	35,023	35,531	35,354
Venezuela	24,882	25,754	27,523	30,292	30,980
Chile	16,954	18,423	18,118	18,289	19,298
Colombia	14,247	14,427	14,414	14,558	15,673
Perú	8,613	8,556	9,699	11,051	11,203
Paraguay	8,818	8,818	8,818	8,833	8,833
Ecuador	5,143	5,232	5,454	5,498	6,023
Uruguay	2,667	2,677	2,843	3,177	3,585
Bolivia	1,645	1,682	1,654	1,676	1,865
América del Sur	228,215	236,514	244,519	255,660	266,744

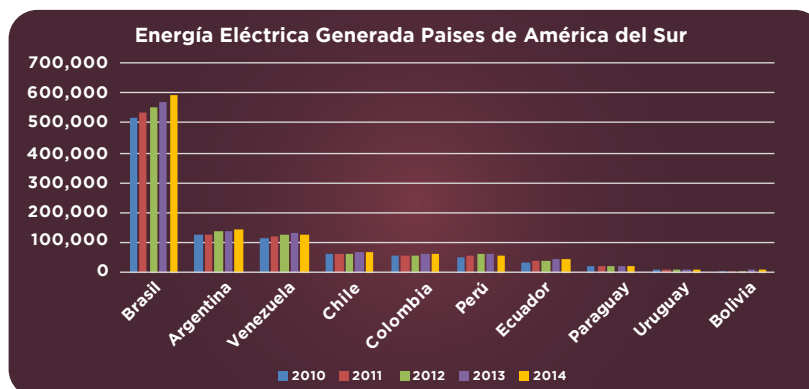
Fuente: CIER, Link, <http://www.cier.org.uy/d06-sie/index.htm> y UPME



ENERGÍA ELÉCTRICA GENERADA PAISES DE AMÉRICA DEL SUR / GWH

País	2010	2011	2012	2013	2014
Brasil	515,799.00	532,871.00	552,499.00	570,025.00	590,479.00
Argentina	127,263.00	129,869.00	135,931.00	139,683.00	142,440.00
Venezuela	116,716.00	122,897.00	127,854.00	132,683.00	128,000.00
Chile	61,608.00	65,278.00	65,996.00	68,412.00	70,375.00
Colombia	56,885.30	58,616.19	59,988.86	62,196.59	64,328.00
Perú	53,956.00	57,625.00	60,235.00	60,270.00	55,170.00
Paraguay	35,908.00	38,702.00	41,020.00	43,330.00	45,550.00
Ecuador	19,509.00	20,544.00	22,846.00	22,936.00	24,340.00
Uruguay	9,887.00	9,535.00	9,729.00	10,761.00	11,954.00
Bolivia	6,970.00	7,219.00	7,661.00	8,062.00	8,508.00
América del Sur	1,004,501.30	1,043,156.19	1,083,759.86	1,118,358.59	1,141,144.00

Fuente : CIER, Link, <http://www.cier.org.uy/d06-sie/index.htm> y UPME





GLOSARIO

Abreviatura	Descripción
\$	Pesos colombianos
\$/kWh	Pesos colombianos por kilovatio hora
GW	Gigavatio
GWh	Gigavatio hora
kV	Kilovoltio
kW	Kilovatio
kWh	Kilovatio hora
MW	Megavatio
MWh	Megavatio hora
US\$	Dólares de los Estados Unidos
XM	Los Expertos en Mercados
ISA	Interconexión Eléctrica
FAER	Fondo Apoyo Financiero para Energización de las zonas Rurales Interconectadas
FAZNI	Fondo Apoyo Financiero para las Zonas no Interconectadas
PRONE	Programa de Normalización de Redes Eléctricas



HARDY- BURROUS

PETRÓLEO

Reservas Crudo
Reservas Crudo por departamento
Producción anual de crudo
Producción mensual fiscalizada 2017 por Departamento
Producción de combustibles
Exportación mensual de petróleo
Exportaciones Ecopetrol por tipo de crudo
Exportación de derivados
Exportaciones de derivados por compañía
Importación de Combustibles
Importación de derivados por compañía
Carga de crudo a refinerías mensual
Producción y ventas de BioDiesel mensual
Producción y ventas de Alcohol mensual
Precios Gasolina Corriente por ciudad
Precios ACPM por ciudad
Cantidad y ventas de EDS automotriz

GAS

Reservas Gas
Reservas de GN por departamento
Producción de GN
Producción de GN por departamento
Consumos de GN
Cobertura de GN por departamento
Usuarios conectados con GN por departamento
Usuarios conectados con GN por sector
Usuarios conectados con GN por estrato
Usuarios residenciales por departamento
Total Usuarios conectados con GN por departamento
Vehiculos convertidos a GN
Vehiculos convertidos a GNV Mensual

**SECTOR
INTERNACIONAL**

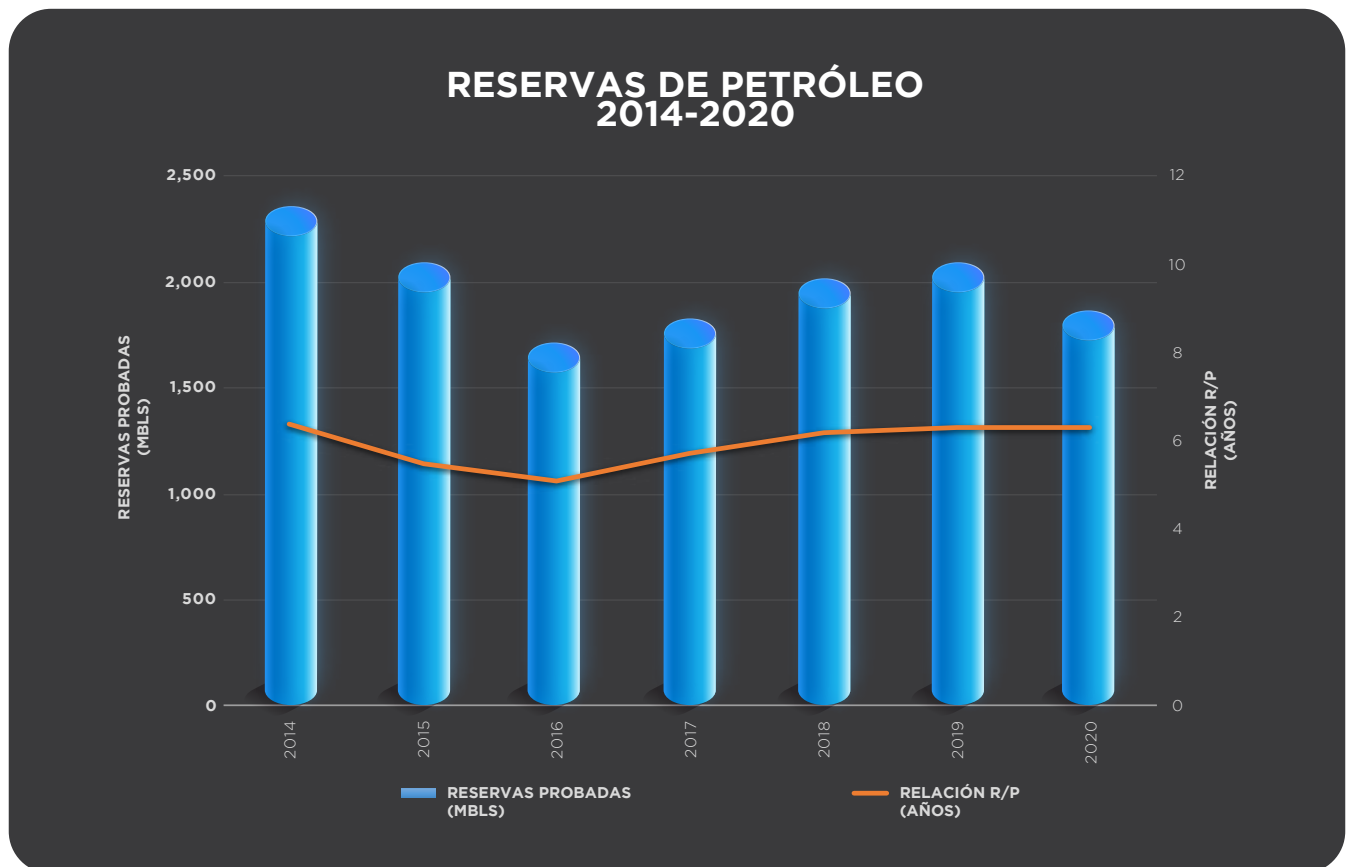
Reservas mundiales de crudo
Producción Mundial de crudo
Consumos mundiales de crudo
Precios de crudo
Reservas Mundiales de GN
Producción Mundial de GN
Consumo Mundial de GN
Precios de GN



RESERVAS DE PETRÓLEO

Millones de barriles / 2014-2020

AÑO	Reservas Probadas (MBIs)	Crecimiento (%)	Producción Anual (MBIs) (P)	Incorporación Anual (MBIs) (I)	Reemplazo Reservas I / P	Relación R/P (Años)
2014	2,308	-5.60%	361	224	62%	6.4
2015	2,002	-13.30%	367	61	17%	5.5
2016	1,665	-16.80%	324	-13	-4%	5.1
2017	1,782	7.00%	312	429	138%	5.7
2018	1,958	9.90%	316	492	156%	6.2
2019	2,041	4.20%	323	406	126%	6.3
2020	1,816	-11.00%	286	61	21%	6.3



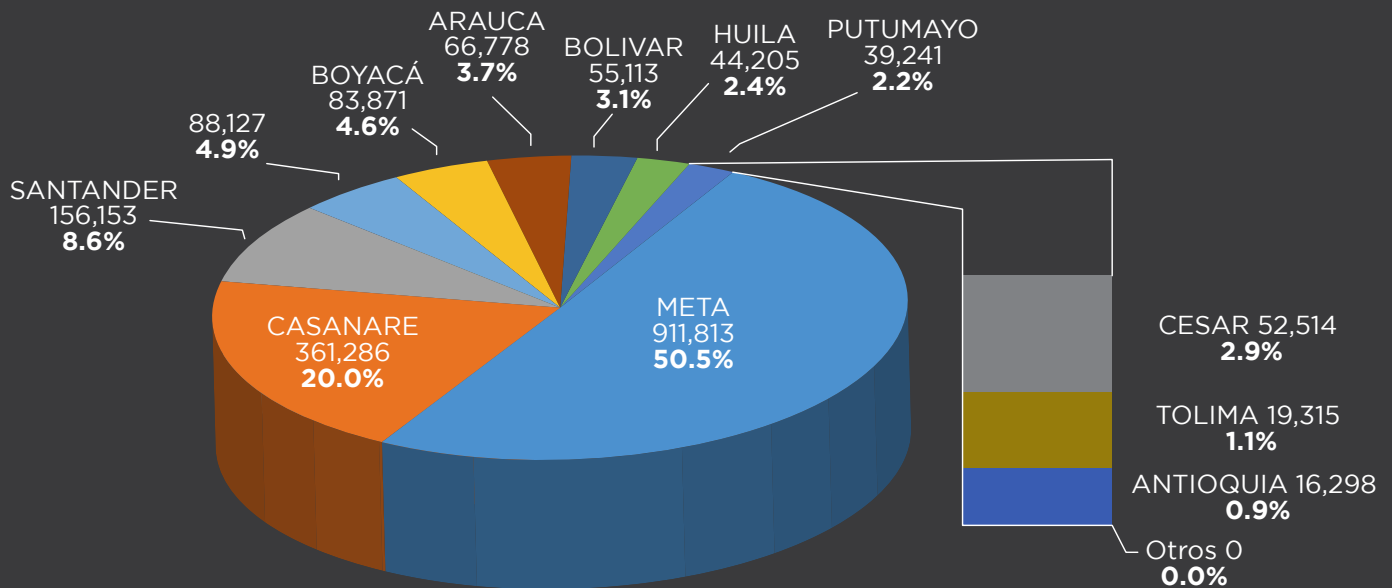


RESERVAS DE PETRÓLEO POR DEPARTAMENTO

Miles de Barriles

Departamento	2014	2015	2016	2017	2018	2019	2020
META	1,039,856	910,190	756,159	799,036	850,424	936,799	911,813
CASANARE	318,457	301,903	287,862	343,503	346,875	413,022	361,286
SANTANDER	287,635	206,132	167,240	192,065	198,175	201,868	156,153
BOYACA	120,527	74,859	99,551	67,238	61,855	85,774	83,871
PUTUMAYO	105,700	93,941	83,593	74,624	71,183	62,031	39,241
HUILA	98,760	87,548	70,222	71,077	72,894	61,352	44,205
BOLIVAR	59,621	65,266	59,788	54,545	57,245	66,202	55,113
ARAUCA	82,784	61,701	50,758	51,932	67,848	55,446	66,778
CESAR	23,865	59,570	30,047	41,299	45,301	54,786	52,514
TOLIMA	37,255	34,271	28,710	27,314	24,716	23,465	19,315
ANTIOQUIA	68,157	56,348	21,322	25,516	61,641	56,548	16,298
NORTE DE SANTANDER	50,224	33,009	6,866	29,993	19,160	6,150	3,118
CAUCA	2,604	3,982	1,307	2,536	-	1,707	1,914
MAGDALENA	6,464	711	1,032	778	352	450	2,262
CUNDINAMARCA	1,899	201	568	278	656	350	8
NARIÑO	194	226	363	413	1,447	309	-
SUCRE	239	113	102	58	88	68	62
CAQUETA	-	8,750	-	-	17,788	14,380	673
VICHADA	386	-	-	-	-	-	-
BOYACA/N.SANTANDER	-	2,884	-	-	-	-	-
No definido	2,947	-	-	-	-	477	993
TOTAL PAÍS	2,307,571	2,001,605	1,665,490	1,782,205	-	2,041,184	1,815,617

RESERVAS DE PETRÓLEO Y PARTICIPACIÓN POR DEPARTAMENTO 2020





PRODUCCIÓN MENSUAL DE CRUDO 2015 - 2021*

Miles de barriles / [KBL]

Mes	2015	2016	2017	2018	2019	2020	2021+t
Ene	32,097.38	30,557.53	26,674.81	26,687.18	27,868.16	27,400.27	23,107.49
Feb	28,828.45	27,693.62	24,206.39	23,053.25	24,995.30	25,473.29	20,881.53
Mar	31,697.74	28,433.52	24,933.85	26,551.36	27,431.16	26,570.50	23,107.84
Abr	30,870.00	27,452.62	25,752.89	25,942.54	26,730.34	23,884.92	22,364.65
May	31,821.01	28,075.38	26,427.70	26,845.81	27,730.08	22,700.56	
Jun	30,295.14	26,647.55	25,708.70	25,912.38	26,765.64	21,897.15	
Jul	29,357.00	26,118.92	26,536.00	26,672.47	26,931.25	22,784.58	
Ago	30,008.00	25,641.10	26,629.00	26,860.89	27,368.77	23,004.81	
Sep	30,270.00	25,758.77	25,530.00	26,061.26	26,384.92	22,477.64	
Oct	31,155.00	26,245.48	26,779.41	27,244.49	27,365.21	23,292.62	
Nov	29,700.00	25,653.17	25,531.84	26,497.89	26,408.12	22,828.21	
Dic	30,969.00	25,961.18	26,979.89	27,571.04	27,348.89	23,541.22	
Promedio	30,606.88	27,023.24	25,974.21	26,325.05	26,943.99	23,821.31	22,365.38

Promedio de la Producción anual de Crudo 2015 - 2021



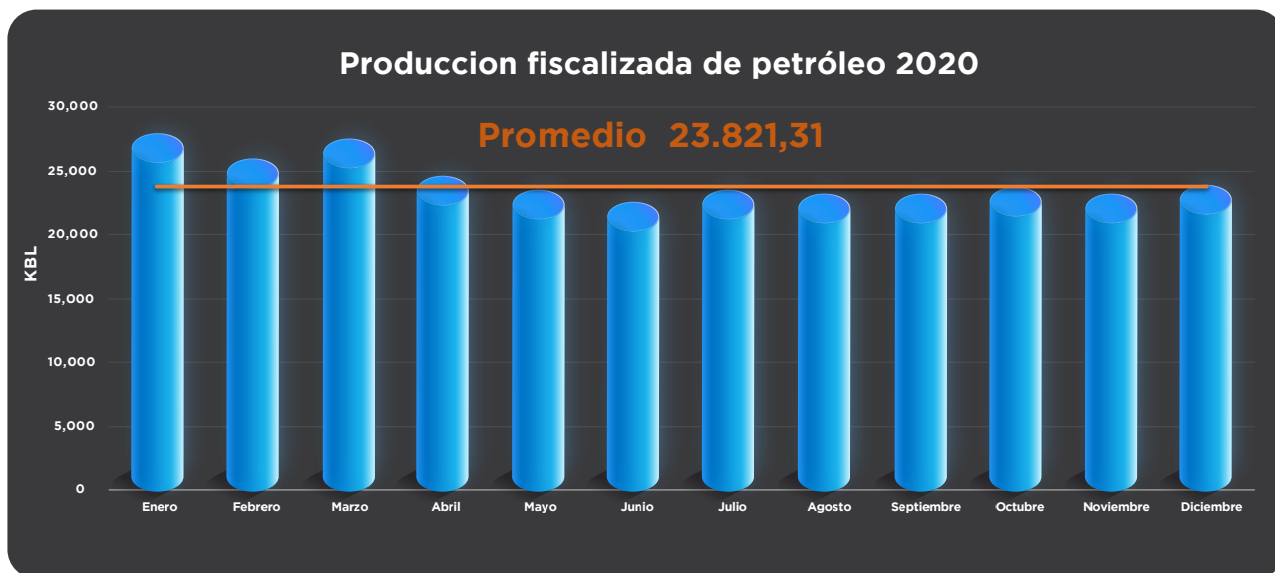
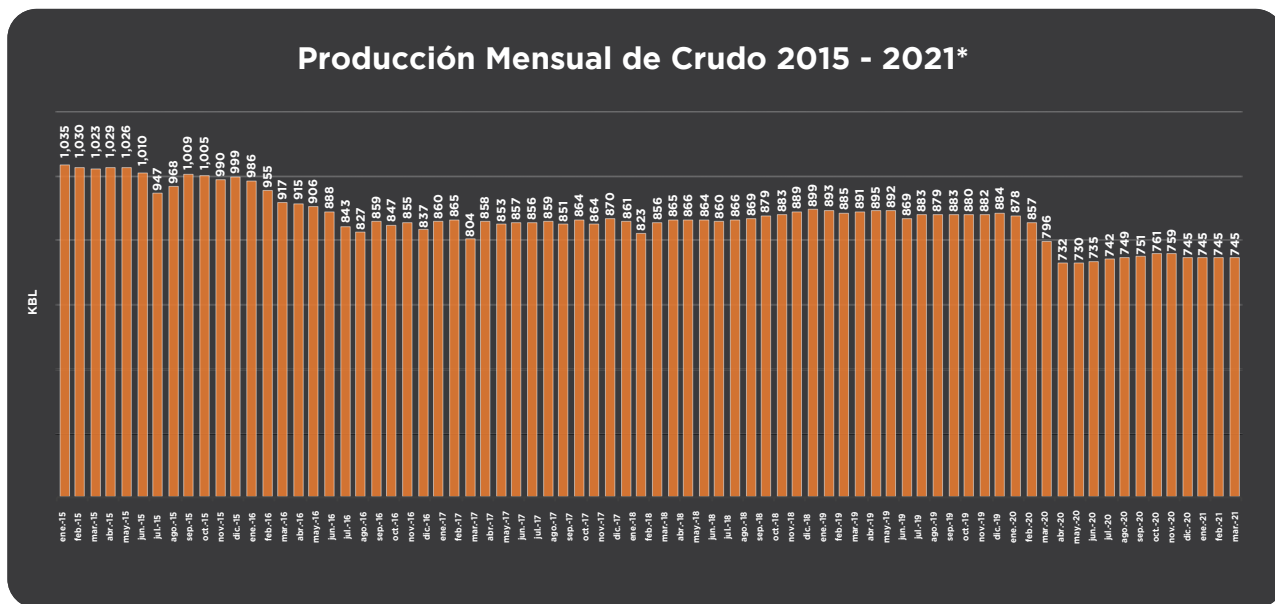
*Información hasta abril de 2021



PRODUCCIÓN MENSUAL DE CRUDO 2015 - 2021*

Miles de barriles / [KBL]

Mes	kBPD
ene.-15	1,035
feb.-15	1,030
mar.-15	1,023
abr.-15	1,029
may.-15	1,026
jun.-15	1,010
jul.-15	947
ago.-15	968
sep.-15	1,009
oct.-15	1,005
nov.-15	990
dic.-15	999
ene.-16	986
feb.-16	955
mar.-16	917
abr.-16	915
may.-16	906
jun.-16	888
jul.-16	843
ago.-16	827
sep.-16	859
oct.-16	847
nov.-16	855
dic.-16	837
ene.-17	860
feb.-17	865
mar.-17	804
abr.-17	858
may.-17	853
jun.-17	857
jul.-17	856
ago.-17	859
sep.-17	851
oct.-17	864
nov.-17	851
dic.-17	870
ene.-18	861
feb.-18	823
mar.-18	856
abr.-18	865
may.-18	866
jun.-18	864
jul.-18	860
ago.-18	866
sep.-18	869
oct.-18	879
nov.-18	883
dic.-18	889
ene.-19	899
feb.-19	893
mar.-19	885
abr.-19	891
may.-19	895
jun.-19	892
jul.-19	869
ago.-19	883
sep.-19	879
oct.-19	883
nov.-19	880
dic.-19	882
ene.-20	884
feb.-20	878
mar.-20	857
abr.-20	796
may.-20	732
jun.-20	730
jul.-20	735
ago.-20	742
sep.-20	749
oct.-20	751
nov.-20	761
dic.-20	759
ene.-21	745
feb.-21	746
mar.-21	745
abr.-21	745



*Información hasta abril de 2021

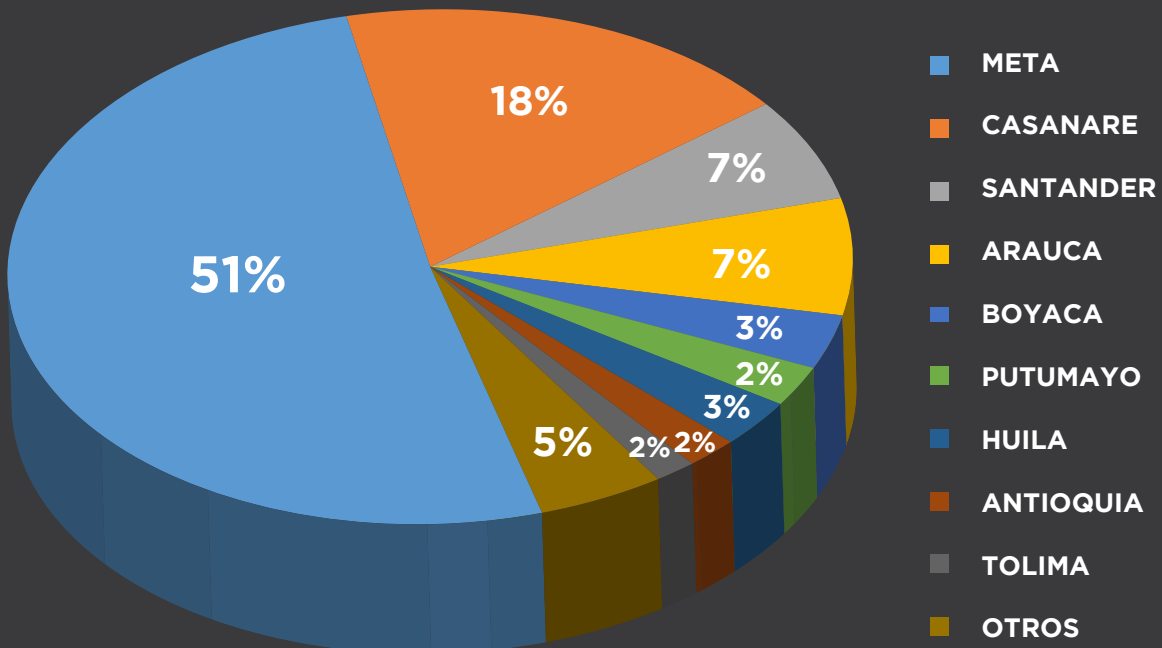


PRODUCCIÓN FISCALIZADA DE PETRÓLEO

2015 - ABRIL 2021 / Miles de Barriles / (kBL)

Departamento	2015	2016	2017	2018	2019	2020	2021*
META	187,131	163,315	142,531	153,936	162,756	146,021	44,760
CASANARE	65,547	59,942	54,816	62,094	62,309	50,864	15,557
SANTANDER	23,667	21,020	18,669	23,358	21,844	18,820	4,465
ARAUCA	19,620	17,483	15,579	17,450	20,477	20,969	7,009
BOYACA	17,175	15,229	13,504	12,420	11,717	9,715	3,278
PUTUMAYO	15,816	13,450	11,439	12,125	10,556	7,216	2,527
HUILA	10,956	9,816	8,796	8,806	8,632	8,433	2,650
ANTIOQUIA	9,094	7,466	6,130	5,996	5,710	5,567	1,789
TOLIMA	7,400	5,690	4,375	5,417	4,625	4,512	1,365
OTROS	10,628	9,871	9,167	14,299	15,594	13,740	6,062
TOTAL ANUAL	367,034.67	323,283.87	285,005.44	315,900.56	324,220.52	285,856.88	89,461.51

% DE PARTICIPACIÓN POR DEPARTAMENTO EN LA PRODUCCIÓN ANUAL DE CRUDO 2020



* Información parcial hasta abril de 2021

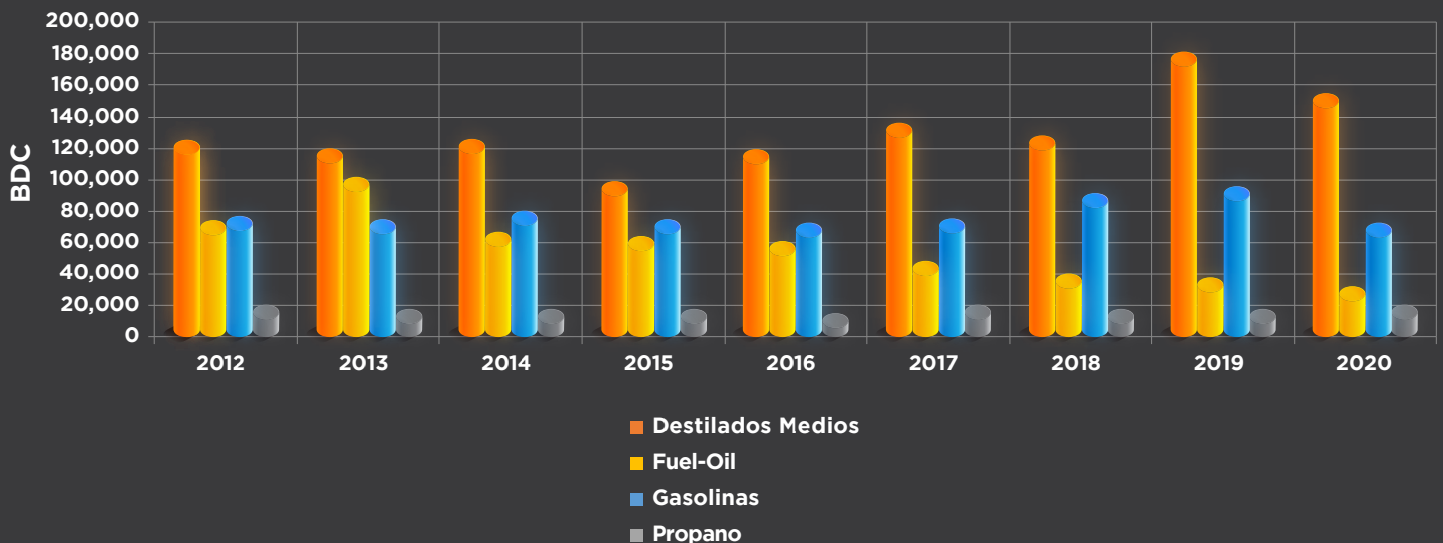


PRODUCCIÓN DE COMBUSTIBLES

2012 - 2020 DIC / BDC

Año	Blancos											Negros
	Gasolinas				Destilados Medios							Fuel-Oil
	Gasolina Motor Regular	Gasolina Extra	Bencina & Cocinol	Total	Diesel (ACPM)	Queroseno	JP-A	Total	Avigas	Propano	Total	
2012	69,504	3,345	0	72,849	95,152	1,041	25,857	122,050	243	18,750	18,993	70,356
2013	70,093	3,433	0	73,526	93,567	1,296	25,651	120,515	278	17,538	17,816	101,124
2014	74,855	3,356	0	78,211	101,045	365	24,238	125,648	289	17,022	17,311	64,915
2015	71,520	3,107	0	74,627	77,624	458	20,569	98,651	253	17,939	18,192	63,113
2016	67,464	3,340	0	70,805	93,105	1,847	22,961	117,914	265	14,671	14,936	60,221
2017	70,252	3,311	0	73,563	108,539	1,120	26,798	136,457	264	19,447	19,711	46,867
2018	87,800	3,342	0	91,143	98,392	46	27,867	126,304	267	15,576	15,842	38,287
2019	92,404	3,281	0	95,685	147,902	2,971	30,801	181,674	312	17,125	17,437	36,108
2020	69,216	2,745	0	71,961	133,273	2,176	19,207	154,656	62	19,888	19,950	31,465
2021												

PRODUCCIÓN DE DERIVADOS 2012 - 2020 BDC

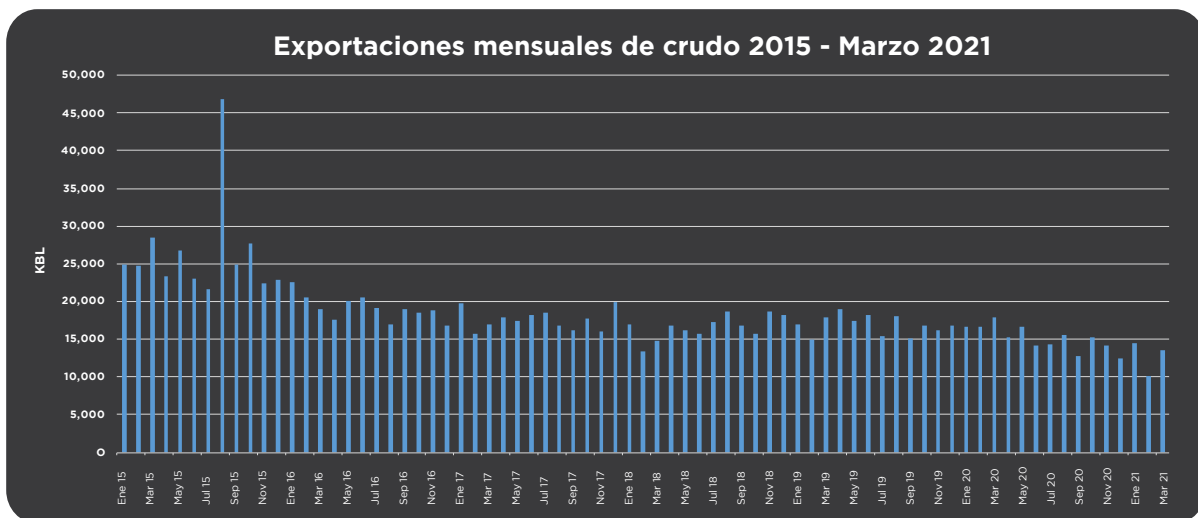




VOLUMEN DE LAS EXPORTACIONES DE PETRÓLEO

2015 - Mar 2021 / Miles de Barriles / [KBL]

Mes	2015	2016	2017	2018	2019	2020	2021*
Ene	24,840.17	22,521.69	19,813.12	17,017.68	16,962.00	16,717.80	14,424.49
Feb	24,816.43	20,534.24	15,750.55	13,355.85	14,977.00	16,709.81	10,158.69
Mar	28,418.87	19,055.66	16,918.80	14,810.61	17,968.00	17,882.86	13,503.63
Abr	23,397.47	17,583.92	17,906.93	16,768.66	18,942.00	15,207.70	
May	26,762.89	20,016.98	17,354.33	16,115.89	17,382.00	16,685.37	
Jun	22,966.31	20,544.31	18,236.91	15,715.99	18,198.00	14,201.71	
Jul	21,568.09	19,146.27	18,594.11	17,335.63	15,422.00	14,365.69	
Ago	46,880.36	16,919.57	16,789.16	18,704.28	18,120.00	15,529.07	
Sep	24,890.88	19,025.93	16,125.66	16,813.74	15,113.00	12,722.91	
Oct	27,746.76	18,531.55	17,768.12	15,764.77	16,798.00	15,255.60	
Nov	22,465.66	18,770.50	16,074.98	18,623.99	16,256.00	14,106.72	
Dic	22,864.18	16,882.53	19,864.00	18,281.35	16,867.00	12,508.95	
Promedio	26,468.17	19,127.76	17,599.72	16,609.04	16,917.08	15,157.85	12,695.61



* Datos hasta marzo 2021

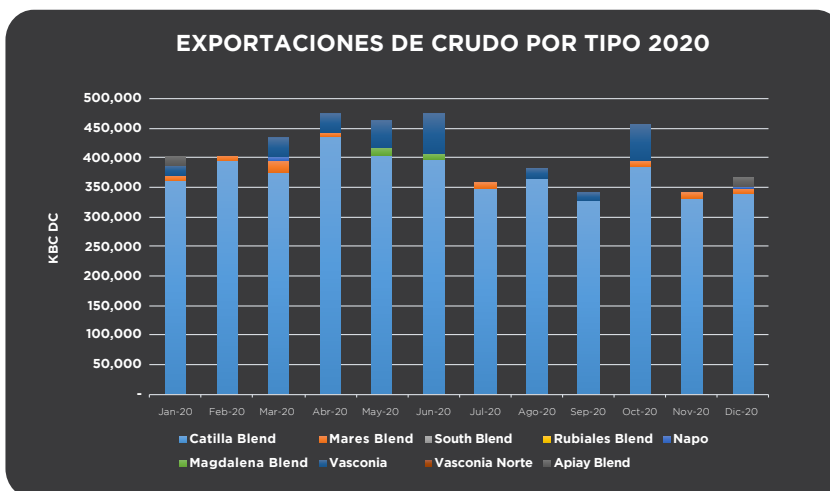
Fuente: DANE



EXPORTACIONES DE ECOPETROL POR TIPO DE CRUDO

2015 - 2020* / KBPDC

Producto / Fecha	Castilla Blend	Mares Blend	South Blend	Rubiales Blend	Napo	Magdalena Blend	Vasconia	Vasconia Norte	Apiay BLEND
Ene-15	365.86	-	23.67	-	-	9.69	-	95.20	-
Feb-15	355.01	-	39.50	-	2.04	28.59	-	93.51	-
Mar-15	362.03	-	36.31	-	-	25.79	-	79.87	-
Apr-15	388.59	-	25.93	-	0.57	19.99	-	84.56	-
May-15	350.82	-	47.09	-	-	47.51	-	79.79	-
Jun-15	367.00	-	11.23	-	2.20	33.44	-	68.30	-
Jul-15	294.83	-	-	7.02	5.28	20.97	15.76	16.45	-
Aug-15	323.91	-	-	7.23	4.98	29.53	16.19	63.74	-
Sep-15	340.48	-	-	22.85	21.12	32.64	17.49	65.95	-
Oct-15	303.74	-	-	7.48	12.89	28.97	16.14	98.17	-
Nov-15	409.15	-	-	-	11.88	17.83	16.67	33.27	-
Dec-15	324.06	-	-	-	1.20	20.16	10.13	32.52	-
Jan-16	377.58	-	24.18	-	10.05	23.38	-	31.47	-
Feb-16	337.34	-	37.67	-	2.40	37.93	-	17.99	-
Mar-16	269.14	-	22.65	-	-	17.14	15.31	47.60	-
Apr-16	294.72	-	25.35	-	1.17	20.51	-	34.15	-
May-16	287.23	-	11.61	-	-	17.71	33.75	48.57	-
Jun-16	283.06	16.62	23.83	-	-	31.60	10.50	80.85	-
Jul-16	408.95	16.03	24.90	-	-	20.33	-	-	-
Aug-16	312.13	16.13	-	-	-	19.92	-	-	-
Sep-16	319.60	-	-	-	18.33	31.97	-	33.33	-
Oct-16	297.09	-	12.19	-	11.61	20.38	23.36	31.48	-
Nov-16	369.53	-	12.01	-	2.50	19.47	25.15	48.44	-
Dec-16	290.69	-	11.61	-	2.58	29.26	32.24	15.38	-
Jan-17	323.65	-	24.51	-	-	21.12	-	61.12	-
Feb-17	328.01	-	12.86	26.61	4.11	9.92	-	17.86	-
Mar-17	312.84	-	22.10	-	1.61	9.65	-	16.12	-
Apr-17	287.46	-	12.00	25.13	0.83	10.00	-	70.13	-
May-17	325.70	-	12.17	25.73	2.90	19.32	-	32.82	-
Jun-17	356.65	-	11.98	24.97	3.07	-	-	15.76	-
Jul-17	310.99	-	-	-	-	30.93	54.93	47.69	-
Aug-17	382.91	-	23.87	-	2.95	10.16	87.41	-	-
Sep-17	264.50	-	12.00	-	-	-	20.95	15.89	-
Oct-17	353.05	-	11.62	-	3.19	-	-	27.53	-
Nov-17	309.31	-	-	-	-	-	17.43	15.79	-
Dec-17	327.59	-	12.19	-	2.78	-	-	27.15	-
Jan-18	290,055	-	12,190	-	-	-	32,223	-	-
Feb-18	300,106	-	12,841	-	3,759	-	34,656	16,949	-
Mar-18	271,264	-	11,626	-	-	-	16,754	32,275	-
Apr-18	339,168	10,474	9,043	-	2,867	-	16,634	16,121	-
May-18	356,242	-	-	-	-	-	16,086	-	-
Jun-18	335,243	-	10,809	-	2,941	-	16,565	15,911	-
Jul-18	309,183	-	11,614	-	-	-	16,131	16,114	-
Aug-18	312,974	9,669	13,549	-	3,871	-	16,213	16,129	-
Sep-18	351,945	-	11,987	-	3,333	-	16,366	-	-
Oct-18	335,925	-	11,580	-	3,036	-	-	-	-
Nov-18	392,650	-	12,598	-	-	-	16,134	-	-
Dec-18	410,184	-	11,191	-	2,258	-	31,682	-	-
Jan-19	373,915	9,657	-	-	3,861	-	43,702	-	-
Feb-19	298,668	10,701	12,227	-	-	-	-	-	-
Mar-19	407,309	-	-	-	4,733	-	-	16,901	-
Apr-19	366,096	19,944	-	-	2,333	-	-	-	-
May-19	378,586	10,622	-	-	2,903	-	-	-	-
Jun-19	359,803	10,004	-	-	1,067	-	-	-	6,617
Jul-19	393,895	9,683	-	-	3,372	-	-	-	-
Aug-19	387,703	-	-	-	1,630	-	-	-	-
Sep-19	326,338	10,003	-	-	3,000	-	-	-	33,337
Oct-19	355,496	9,645	11,581	-	-	-	-	-	16,021
Nov-19	342,536	9,999	4,253	-	-	-	-	-	16,667
Dec-19	404,004	9,678	11,612	-	5,161	-	16,101	-	14,518
Jan-20	360,812	10,648	-	-	-	-	15,326	-	16,847
Feb-20	395,617	10,266	-	-	-	-	-	-	-
Mar-20	374,711	20,305	-	-	6,946	-	31,533	-	-
Apr-20	435,923	6,666	-	-	-	-	32,065	-	-
May-20	404,777	-	-	-	-	11,308	47,631	-	-
Jun-20	398,363	-	-	-	-	10,001	65,918	-	-
Jul-20	347,974	9,679	-	-	-	-	-	-	-
Aug-20	366,861	-	-	-	-	-	16,113	-	-
Sep-20	326,615	-	-	-	-	-	15,839	-	-
Oct-20	385,359	9,675	-	-	-	-	62,138	-	-
Nov-20	332,729	9,951	-	-	-	-	-	-	-
Dec-20	338,427	9,673	-	-	4,234	-	-	-	16,113 -



Fuente: Estadísticas de Ecopetrol

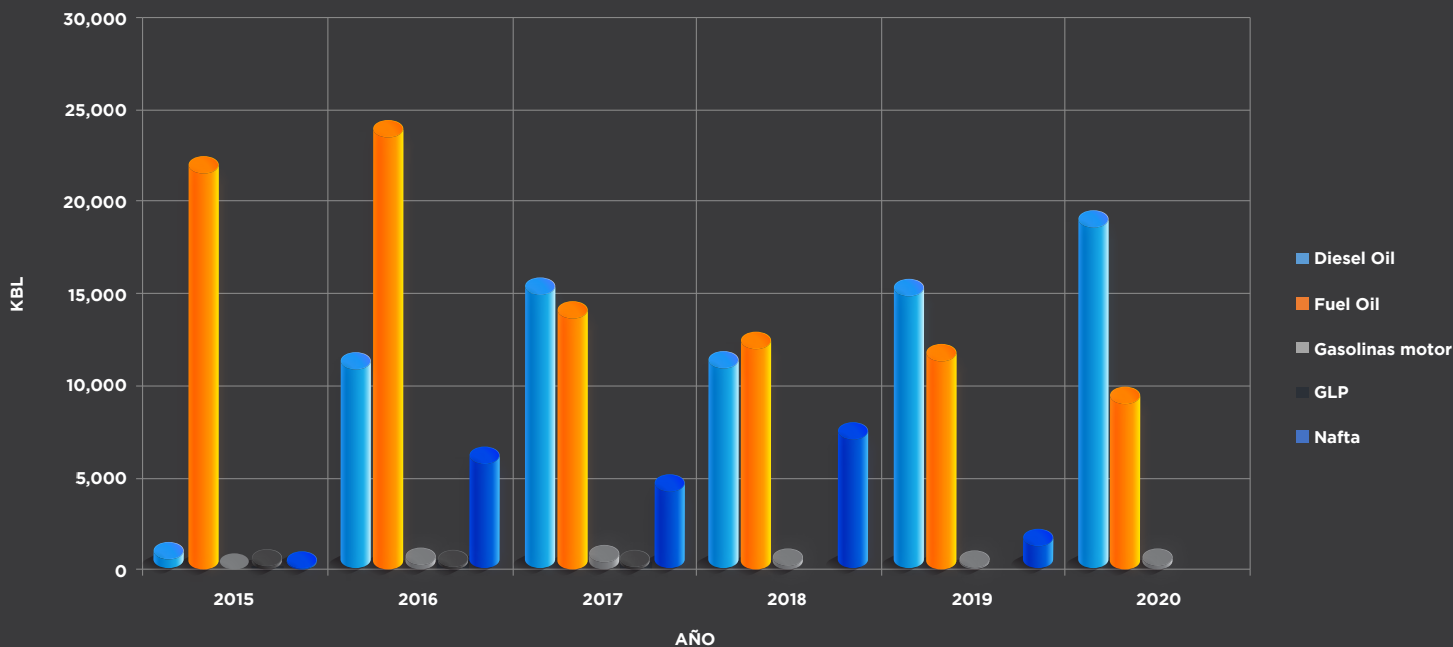


VOLUMEN DE LAS EXPORTACIONES DE DERIVADOS

Miles de Barriles [KBL] / 2015 - 2020

DERIVADO	2015	2016	2017	2018	2019	2020
Diesel Oil	1,368.31	11,755.65	15,832.00	11,802.79	15,743.44	19,521.44
Fuel Oil	22,391.58	24,450.94	14,498.00	12,779.31	12,229.37	10,049.83
Gasolinas motor	0.11	1,188.26	1,269.00	713.36	260.97	726.76
GLP	244.61	505.55	390.10	0.00	0.00	0.00
Nafta	377.21	6,628.12	5,210.00	8,001	2,211	0.00
TOTAL	24,382	44,529	37,199	33,296	30,444	30,298

Exportaciones de Derivados
2015 - 2020



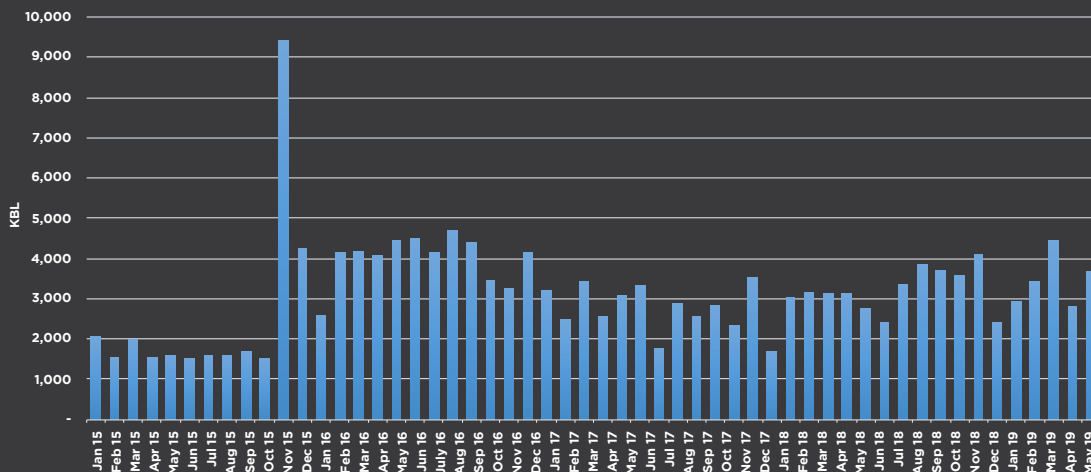


EXPORTACIONES DE DERIVADOS POR COMPAÑÍA

Miles de Barriles [kBL] / 2015 - 2018

COMPañÍA	ECOPETROL			REFICAR															TOTAL
	Fuel Oil	High API Fuel	Propane	Fuel Oil	Butane	Cracked Naptha	Gasoline Ron	Slop Craqueado	ULSD	Jet Fuel	ACEM	Coque	ALC	Diesel No.2	Gasoleos de Vacío	Crudo Diluyente	Naphta Virgen		
Jan 15	2,011.18	-	51.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,062.85	
Feb 15	1,531.94	-	22.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,554.69	
Mar 15	1,120.38	826.99	55.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,002.41	
Apr 15	701.10	815.54	32.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,549.52	
May 15	1,163.89	401.89	32.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,598.02	
Jun 15	709.87	774.80	31.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,516.22	
Jul 15	780.84	794.54	7.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,582.73	
Aug 15	770.01	838.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,608.17	
Sep 15	877.01	800.21	27.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,705.18	
Oct 15	714.79	799.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,514.75	
Nov 15	1,617.04	-	-	7,800.00	-	-	-	-	-	-	-	-	-	-	-	-	-	9,417.04	
Dec 15	1,977.44	-	-	494.02	-	-	-	-	-	51.15	-	-	-	535.36	832.84	-	377.00	4,267.82	
Jan 16	1,081.84	-	-	546.79	-	-	-	-	62.15	-	-	-	-	294.57	393.65	-	199.29	2,578.29	
Feb 16	1,619.12	-	-	450.00	-	-	-	-	-	-	24.91	-	-	944.37	413.75	160.43	549.26	4,161.83	
Mar 16	1,494.59	699.89	-	460.00	56.53	180.90	-	-	-	-	340.11	-	-	290.92	414.23	-	4,192.67		
Apr 16	558.24	800.08	-	1,055.35	18.18	-	-	-	-	-	354.84	-	-	322.06	-	-	966.85	4,075.60	
May 16	1,204.96	1,152.31	-	730.05	60.24	-	-	-	-	-	318.01	-	-	299.55	-	-	687.40	4,452.51	
Jun 16	785.56	779.82	-	894.11	141.48	-	-	-	-	-	318.01	-	-	1,213.31	-	-	314.53	4,495.55	
Jul 16	1,067.59	731.48	-	224.81	-	347.14	-	-	-	-	248.00	-	-	933.25	-	48.74	601.51	4,153.78	
Aug 16	1,142.17	787.62	-	511.90	29.58	99.93	-	-	-	299.61	342.78	-	-	917.19	197.05	-	392.88	4,720.69	
Sep 16	877.34	380.43	-	357.96	-	109.66	-	-	-	1,476.90	313.42	170.19	-	-	182.93	-	4,381.18		
Oct 16	651.28	-	-	451.64	59.83	-	292.91	-	-	1,015.88	319.18	100.12	-	-	-	-	594.14	3,484.98	
Nov 16	748.98	400.06	-	110.00	78.50	90.45	98.64	-	-	863.31	248.23	90.34	-	-	-	-	522.15	3,250.65	
Dec 16	1,140.83	349.54	-	189.87	61.17	-	79.27	-	-	1,110.86	380.12	-	-	-	-	-	840.63	4,152.29	
Jan 17	830.08	-	-	170.00	50.74	-	99.87	-	-	849.90	223.42	325.29	-	-	-	-	598.18	3,227.54	
Feb 17	840.08	-	-	-	43.35	-	-	-	-	607.90	294.24	178.73	-	-	-	-	529.04	2,493.34	
Mar 17	1,236.14	-	-	50.00	41.96	-	98.90	-	274	-	325.50	-	-	-	-	-	499.02	3,431.81	
Apr 17	866.39	-	-	135.00	57.23	-	-	273.69	305	-	283.49	-	-	-	-	-	627.73	2,548.88	
May 17	1,230.34	-	-	240.00	-	-	-	132.35	296	-	365.41	-	-	-	-	-	820.26	3,084.20	
Jun 17	1,240.35	-	-	218.61	196.92	-	-	-	489	74.32	300.68	-	-	-	119.79	-	679.78	3,319.00	
Jul 17	536.36	-	-	257.21	-	-	-	199.64	-	-	300.39	-	-	-	-	-	490.73	1,784.33	
Aug 17	1,248.46	-	-	792.98	-	-	195.73	-	-	-	259.47	-	-	-	-	-	420.08	2,916.73	
Sep 17	850.44	-	-	600.00	-	-	-	-	271	-	197.70	-	-	-	-	-	629.10	2,548.41	
Oct 17	1,011.44	-	-	-	-	-	185.38	-	553	-	400.52	-	-	-	-	-	701.53	2,851.91	
Nov 17	892.50	-	-	102.90	-	-	-	-	275	-	384.90	-	-	-	-	-	700.80	2,355.60	
Dec 17	1,149.29	-	-	180.42	-	-	-	-	957	213.75	437.32	-	-	-	-	-	617.83	3,555.58	
Jan 18	479.44	-	-	210.59	-	-	-	-	296	-	299.79	-	-	-	-	-	430.81	1,716.76	
Feb 18	860.87	-	-	187.36	-	-	-	123.11	836	-	381.26	-	-	-	-	-	644.21	3,032.95	
Mar 18	1,050.17	-	-	-	-	-	-	-	891	-	479.32	-	-	-	-	-	730.77	3,151.39	
Apr 18	1,075.73	-	-	-	-	-	-	-	859	-	424.22	-	-	-	-	-	747.86	3,106.49	
May 18	1,097.77	-	-	110.35	-	-	-	-	868	-	476.01	-	-	-	-	-	559.98	3,111.79	
Jun 18	1,069.71	-	-	-	-	-	-	-	597	107.87	427.83	-	-	-	-	-	678.52	2,773.25	
Jul 18	321.28	-	-	25.54	-	-	102.95	-	597	107.87	524.36	-	-	-	-	-	721.14	2,399.99	
Aug 18	1,106.31	-	-	99.05	-	-	209.74	-	605	-	489.33	-	-	-	-	-	735.42	3,350.37	
Sep 18	996.87	-	-	-	-	-	200.23	-	1,269	200.36	476.46	-	-	-	-	-	732.81	3,875.87	
Oct 18	1,066.55	-	-	-	-	-	200.26	-	1,180	-	440.15	-	-	-	-	-	819.77	3,706.30	
Nov 18	801.91	-	-	-	-	-	-	-	1,737	-	417.15	-	-	-	-	-	607.20	3,563.71	
Dec 18	1,050.28	-	-	-	-	-	-	-	2,067	-	403.36	-	-	-	-	-	588.84	4,109.77	
Jan 19	480.17	-	-	71.11	-	-	-	-	852	-	437.36	-	-	-	-	-	576.61	2,417	
Feb 19	651.40	-	-	55.00	-	-	-	127.13	1,123	-	434.69	-	-	-	221.65	-	315.98	2,929	
Mar 19	1,345.69	-	-	60.33	-	-	200.04	-	885	-	434.69	-	-	-	-	-	517.71	3,443	
Apr 19	1,133.20	-	-	-	-	-	149.97	-	2,121	-	457.16	-	-	-	-	-	609.03	4,470	
May 19	900.90	-	-	84.15	-	-	-	-	834	-	345.12	-	-	-	220.16	-	409.72	2,794	
Jun 19	1,251.00	-	-	110.33	-	-	-	-	1,394	-	412.59	-	-	-	199.44	-	300.34	3,668	
Jul 19	1,237.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Aug 19	771.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sep 19	1,026.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Oct 19	771.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Nov 19	912.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dec 19	1,245.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Jan 20	567.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Feb 20	678.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mar 20	1,305.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Apr 20	576.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
May 20	1,047.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Jun 20	598.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Jul 20	578.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Aug 20	1,043.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sep 20	600.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Oct 20	923.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Nov 20	880.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dec 20	873.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Exportaciones de derivados 2015 - 2020



Fuente: Estadísticas Ecopetrol y Reficar / DANE

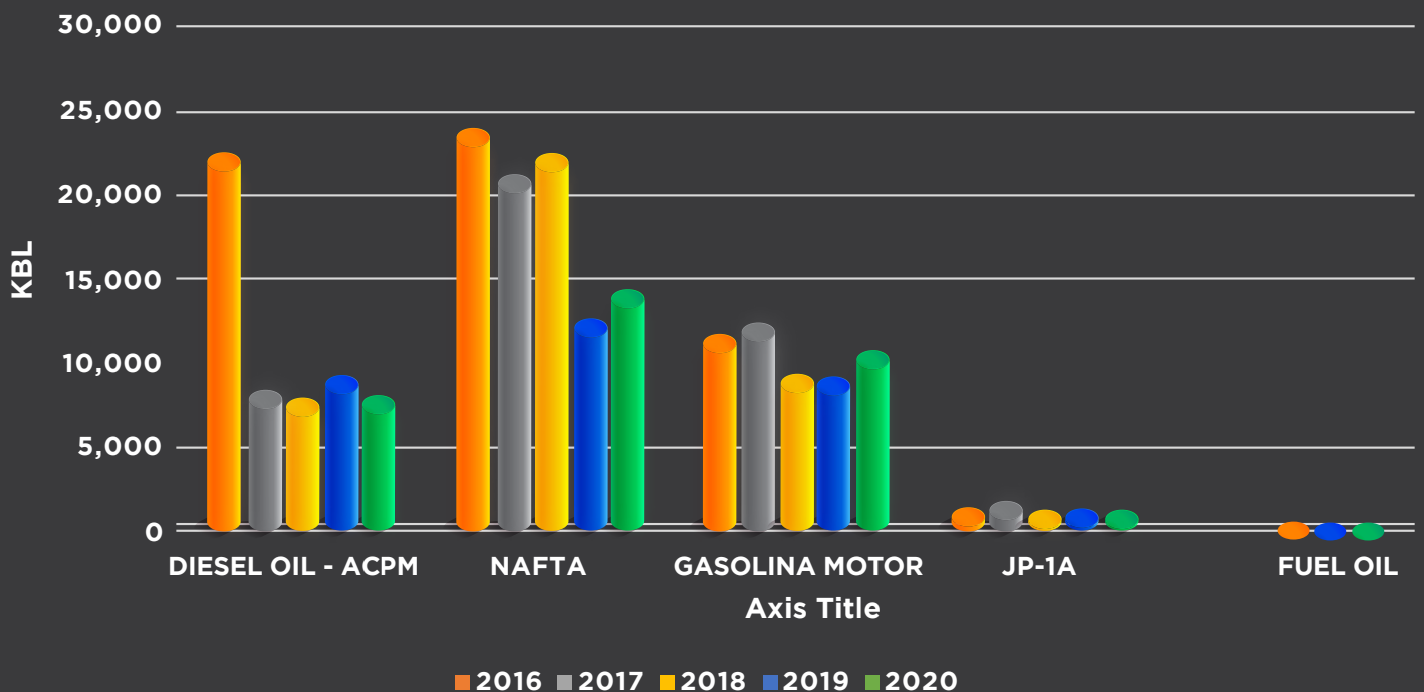


VOLUMEN DE LAS IMPORTACIONES DE HIDROCARBUROS

Miles de Barriles [KBL] / 2015 - 2020

Año	2015	2016	2017	2018	2019	2020
DIESEL OIL - ACPM	32,485.24	22,522.01	8,051.00	7,952.05	9,374.33	8,223.28
NAFTA	18,731.55	24,005.28	21,260.00	22,508.68	12,682.57	14,428.40
GASOLINA MOTOR	7,410.34	11,660.70	12,403.00	9,348.07	9,162.95	10,752.07
JP- 1A	2,595.89	965.02	1,204.84	752.08	579.05	351.72
FUEL OIL	40.51	0.00	0.00	52.83	0.04	46.14
TOTAL	61,263.53	59,153.02	42,918.84	40,613.70	31,798.94	33,801.61

Importaciones de hidrocarburos 2016 - 2020



IMPORTACIONES DE DERIVADOS POR COMPAÑÍA

Miles de Barriles [kBL] / 2015 -2020

COMPAÑÍA	ECOPETROL					REFICAR				TOTAL
	Productos	ULSD	Naftas	Gasolina	Fuel Oil	Jet Fuel	ULSD	Jet Fuel	Gasolinas	
Jan 15	1,440.19	1,280.98	720.59	4.63	61.00	618.18	42.87	476.93	-	4,645.37
Feb 15	1,158.87	2,229.52	649.67	2.39	76.99	599.25	147.38	349.42	-	5,213.49
Mar 15	1,383.16	2,088.63	199.78	4.74	37.99	596.19	170.30	598.75	-	5,079.54
Apr 15	1,148.65	2,720.99	434.35	4.78	50.01	587.66	103.86	259.84	-	5,310.14
May 15	1,223.45	1,987.57	398.19	4.76	64.94	599.34	145.18	498.86	-	4,922.30
Jun 15	1,407.31	1,350.67	666.93	4.80	98.73	599.85	110.55	398.71	-	4,637.56
Jul 15	1,506.91	1,851.92	799.19	7.19	103.83	748.17	120.29	539.52	-	5,677.02
Aug 15	1,836.58	1,617.42	779.83	7.20	127.85	746.16	227.52	419.81	-	5,762.38
Sep 15	1,364.90	1,458.21	1,193.37	-	114.78	658.50	123.12	500.66	-	5,413.55
Oct 15	1,784.94	2,963.64	736.12	-	201.92	734.62	157.42	239.41	-	6,818.07
Nov 15	1,584.81	1,732.30	1,282.58	-	101.99	747.07	207.34	772.75	-	6,428.85
Dec 15	2,182.02	779.15	2,389.28	-	-	608.18	-	461.67	-	6,420.30
Jan 16	1,195.04	1,822.99	1,190.22	-	-	745.09	-	590.30	60.02	5,603.67
Feb 16	1,233.38	1,807.81	625.52	-	-	494.15	-	477.87	-	4,638.73
Mar 16	1,457.76	1,996.73	398.64	-	-	463.84	-	199.65	0.82	4,517.44
Apr 16	1,198.71	1,253.69	1,198.74	-	-	-	-	64.66	-	3,715.81
May 16	1,404.82	1,535.13	1,182.99	-	50.73	-	70.18	-	19.95	4,263.80
Jun 16	1,757.26	1,666.19	1,110.73	-	-	399.55	99.63	-	-	5,033.37
July 16	1,162.04	1,705.77	893.71	-	-	149.97	200.41	-	-	4,111.90
Aug 16	964.46	1,786.80	789.90	-	109.66	-	219.52	-	15.82	3,886.15
Sep 16	1,782.19	1,504.57	1,179.15	-	109.79	-	219.48	-	16.31	4,811.49
Oct 16	1,683.54	1,924.15	1,084.98	-	-	-	-	-	17.06	4,709.73
Nov 16	869.08	1,680.63	1,081.36	-	99.90	-	-	-	-	3,730.98
Dec 16	1,152.66	2,029.78	1,328.51	-	-	-	-	-	-	4,510.95
Jan 17	866.06	1,547.54	1,335.24	-	100.37	-	-	-	-	3,849.21
Feb 17	877.18	1,526.94	999.63	-	100.11	-	-	-	-	3,503.86
Mar 17	869.82	1,872.04	999.36	-	119.80	-	114.60	-	-	3,975.61
Apr 17	288.96	1,607.56	1,073.33	-	116.13	-	89.32	77.70	-	3,253.01
May 17	198.84	1,765.06	987.99	-	-	-	-	-	-	2,951.88
Jun 17	412.08	1,630.47	1,461.27	-	-	-	-	-	-	3,503.83
Jul 17	600.78	1,236.44	998.79	-	-	-	-	-	-	2,836.00
Aug 17	289.60	1,721.06	997.58	-	-	-	105.31	-	-	3,113.55
Sep 17	409.29	1,454.91	899.10	-	-	-	-	-	21.24	2,784.54
Oct 17	388.83	1,572.72	1,118.73	-	-	-	-	-	-	3,080.28
Nov 17	288.90	1,555.26	786.60	-	-	-	-	-	-	2,630.76
Dec 17	-	1,542.87	599.51	-	-	-	-	-	-	2,142.38
Jan 18	-	1,534.57	599.99	-	-	-	-	-	19.99	2,154.55
Feb 18	42.00	1,253.74	947.43	-	104.96	-	-	-	19.36	2,367.50
Mar 18	-	1,534.39	1,066.31	-	-	-	-	-	19.43	2,620.13
Apr 18	-	1,216.28	598.30	-	-	-	-	-	22.00	1,836.58
May 18	-	1,916.73	798.28	-	-	-	-	-	21.18	2,736.19
Jun 18	-	1,615.30	599.97	-	-	-	-	-	21.23	2,236.50
Jul 18	-	1,881.97	599.99	-	-	-	-	-	20.21	2,502.16
Aug 18	-	1,249.89	599.59	-	-	-	-	-	20.18	1,869.66
Sep 18	215.90	1,562.21	798.69	-	-	-	-	-	42.23	2,619.02
Oct 18	440.19	1,573.64	799.36	-	-	-	-	-	21.00	2,834.19
Nov 18	778.06	1,565.02	646.02	-	150.29	-	70.13	-	20.71	3,230.23
Dec 18	948.99	1,759.66	1,294.48	-	-	-	99.93	-	22.25	4,125.30
Jan 19	1,059.74	1,630.01	976.75	-	99.30	-	-	-	43.16	3,808.95
Feb 19	1,028.72	1,312.18	816.95	-	177.18	-	-	-	43.08	3,378.10
Mar 19	1,312.30	1,646.27	1,148.69	-	120.05	-	-	-	42.97	4,270.28
Apr 19	648.53	1,906.73	815.64	-	109.46	-	-	-	42.00	3,522.36
May 19	984.31	1,314.78	642.89	-	-	-	-	-	65.00	3,006.99
Jun 19	659.93	1,802.03	646.44	-	-	-	-	-	64.99	3,173.39
Jul 19	1,259.82	1,630.55	973.76	-	-	-	-	-	-	3,864.13
Aug 19	334.26	1,514.68	653.76	-	-	-	-	-	-	2,502.70
Sep 19	973.04	1,619.49	428.70	-	120.06	-	-	-	-	3,141.28
Oct 19	659.40	1,332.64	1,143.37	-	-	-	-	-	-	3,135.41
Nov 19	952.59	1,604.48	658.94	-	-	-	-	-	-	3,216.00
Dec 19	975.47	1,563.66	653.52	-	-	-	-	-	-	3,192.66
Jan 20	665.63	1,603.25	914.19	-	164.91	-	-	-	-	3,347.97
Feb 20	1,450.78	1,221.83	927.20	-	186.81	-	-	-	-	3,786.62
Mar 20	1,668.59	1,630.00	1,350.00	-	-	-	-	-	-	4,648.59
Apr 20	157.58	1,072.86	-	-	-	-	-	-	-	1,230.44
May 20	478.42	714.42	598.77	-	-	-	-	-	-	1,791.61
Jun 20	729.24	626.70	600.73	-	-	-	-	-	-	1,956.67
Jul 20	519.98	1,191.63	622.83	-	-	-	-	-	-	2,334.44
Aug 20	471.79	963.83	818.24	-	-	-	-	-	-	2,253.87
Sep 20	174.06	958.97	622.19	-	-	-	-	-	-	1,755.23
Oct 20	468.38	1,183.94	1,294.89	-	-	-	-	-	-	2,947.21
Nov 20	173.34	645.86	1,469.20	-	-	-	-	-	-	2,288.40
Dec 20	188.99	979.35	1,530.00	-	-	-	-	-	-	2,698.34

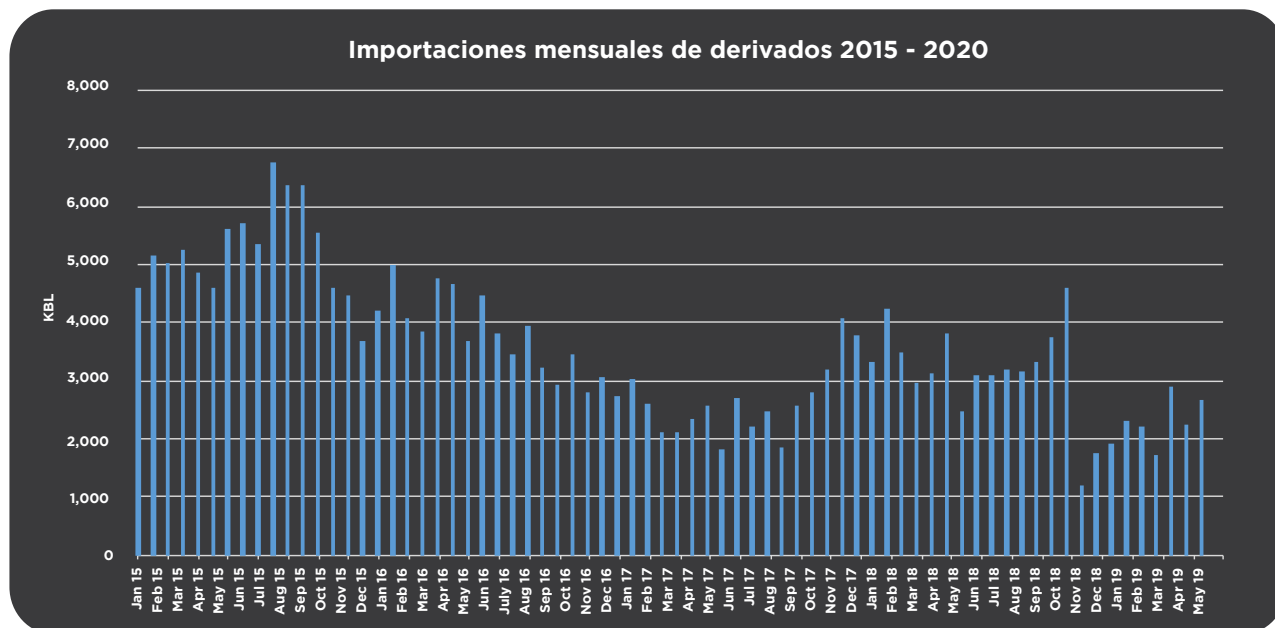


IMPORTACIONES DE DERIVADOS POR COMPAÑÍA

Miles de Barriles [kBL] / 2015 -2020

	31	28	31	30	31	30	31	31	30	31	30	31	31	29	31	30	31	30
	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dic-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
ULSD	34,185	36,740	42,332	21,618	31,752	21,998	40,639	10,783	32,435	21,271	31,753	31,467	21,472	49,717	45,670	2,179	10,158	9,996
Naftas	52,581	46,864	53,105	63,558	42,412	60,068	52,599	48,861	53,983	42,989	53,483	50,441	51,718	42,132	52,581	35,762	23,046	20,890
Gasolina	31,508	29,177	37,055	27,188	20,738	21,548	31,412	21,089	14,290	36,883	21,965	21,081	29,490	31,972	43,548	-	19,315	20,024
Fuel Oil																		
Jet Fuel	3,203	6,328	3,873	3,649	-	-	-	-	4,002	-	-	-	5,320	6,442	-	-	-	-

ULSD	1,059.74	1,028.72	1,312.30	648.53	984.31	659.93	1,259.82	334.26	973.04	659.40	952.59	975.47	665.63	1,441.79	1,415.77	65.38	314.90	299.89
Naftas	1,630.01	1,312.18	1,646.27	1,906.73	1,314.78	1,802.03	1,630.55	1,514.68	1,619.49	1,332.64	1,604.48	1,563.66	1,603.25	1,221.83	1,630.00	1,072.86	714.42	626.70
Gasolina	976.75	816.95	1,148.69	815.64	642.89	646.44	973.76	653.76	428.70	1,143.37	658.94	653.52	914.19	927.20	1,350.00	-	598.77	600.73
Fuel Oil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jet Fuel	99.30	177.18	120.05	109.46	-	-	-	-	120.06	-	-	-	164.91	186.81	-	-	-	-





CARGA DE CRUDO A REFINERÍAS MENSUAL

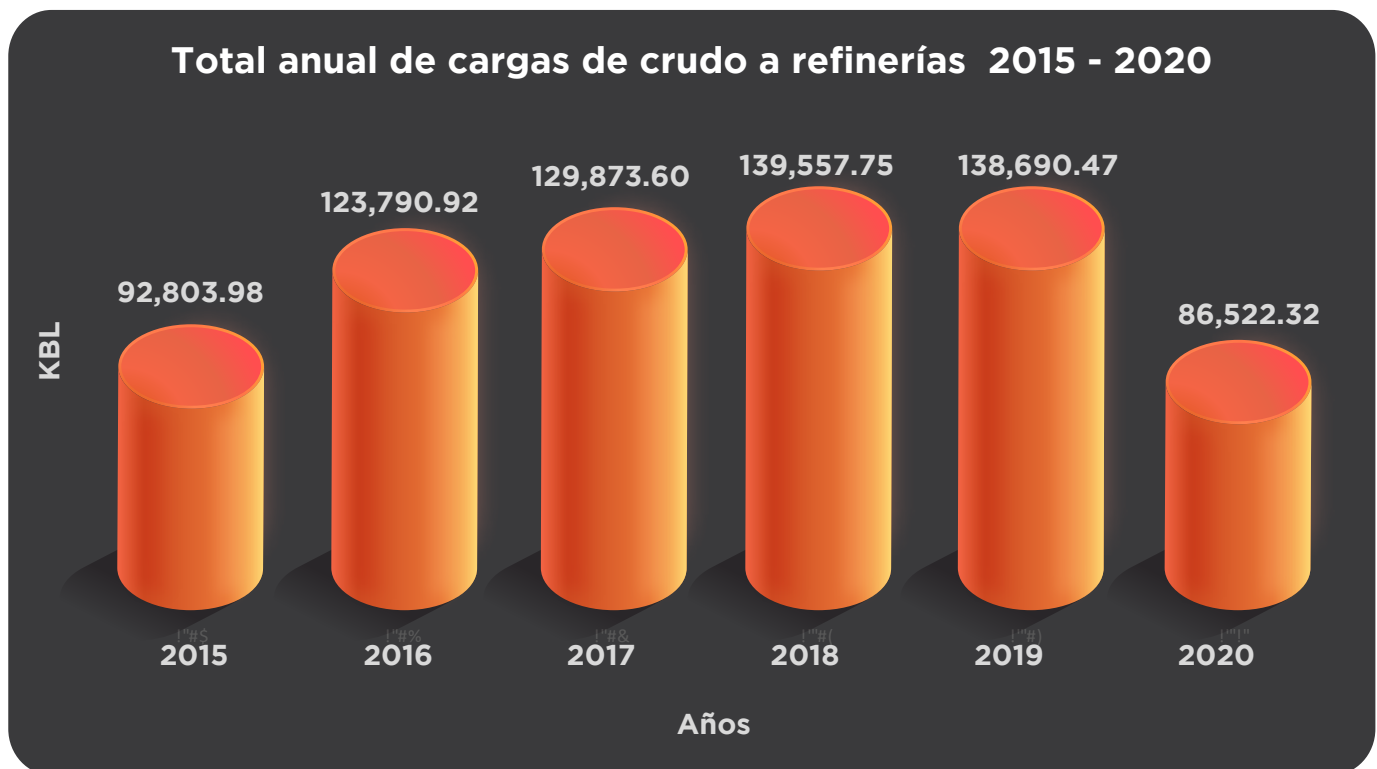
2015 - 2020 / Miles de barriles [KBL]

Año	REFINERÍA DE BARRANCABERMEJA	REFINERÍA DE APIAY	REFINERÍA DE ORITO	OTROS
Jan 15	6,630	55	36	170
Feb 15	6,467	50	24	209
Mar 15	7,135	55	34	256
Apr 15	6,622	50	26	294
May 15	7,203	46	23	302
Jun 15	6,849	27	31	257
Jul 15	7,206	50	38	267
Aug 15	5,924	51	10	240
Sep 15	6,278	46	0	245
Oct 15	6,969	52	32	272
Nov 15	6,932	50	42	292
Dec 15	7,125	51	37	262
Jan 16	6,795	52	25	242
Feb 16	6,610	46	37	210
Mar 16	6,484	44	39	277
Apr 16	6,370	26	38	244
May 16	6,730	49	39	222
Jun 16	6,588	46	38	202
Jul 16	6,601	11	32	174
Aug 16	6,590	50	29	189
Sep 16	6,443	59	44	140
Oct 16	6,345	25	40	244
Nov 16	5,823	27	31	257
Dec 16	6,850	68	0	288
Jan 17	6,651	55	21	263
Feb 17	6,133	41	39	245
Mar 17	6,522	14	40	237
Apr 17	6,243	35	37	237
May 17	6,390	13	31	247
Jun 17	5,812	47	31	216
Jul 17	6,067	13	40	213
Aug 17	6,205	30	23	225
Sep 17	6,186	17	32	248
Oct 17	6,651	47	41	244
Nov 17	6,476	23	15	246
Dec 17	7,254	51	0	266
Jan 18	6,626	22	34	213
Feb 18	5,810	27	42	200
Mar 18	6,785	23	36	217
Apr 18	6,804	20	42	210
May 18	6,598	21	43	217
Jun 18	6,721	13	42	233
Jul 18	7,015	23	46	220
Aug 18	6,898	34	48	226
Sep 18	6,574	49	43	213
Oct 18	7,067	25	49	197
Nov 18	6,950	48	15	197
Dec 18	7,042	48	10	233
Jan 19	6,055	0	21	228
Feb 19	5,088	24	12	200
Mar 19	6,444	41	40	221
Apr 19	6,894	0	50	225
May 19	7,028	0	47	223
Jun 19	6,897	11	54	237
Jul 19	7,017	21	47	131
Aug 19	7,152	46	59	0
Sep 19	6,809	48	28	0
Oct 19	6,759	0	42	0
Nov 19	6,666	39	41	0
Dec 19	6,984	52	40	0
Jan 20	6,777	53	29	0
Feb 20	6,224	49	41	0
Mar 20	5,111	4	44	0
Apr 20	3,456	0	0	0
May 20	4,185	0	24	0
Jun 20	4,894	25	33	0
Jul 20	5,525	53	22	0
Aug 20	5,577	52	33	0
Sep 20	5,388	0	42	0
Oct 20	5,602	0	45	0
Nov 20	6,176	42	46	0
Dec 20	6,676	44	32	0



CARGA DE CRUDO A REFINERÍAS MENSUAL

2015 - 2020 / Miles de barriles [KBL]

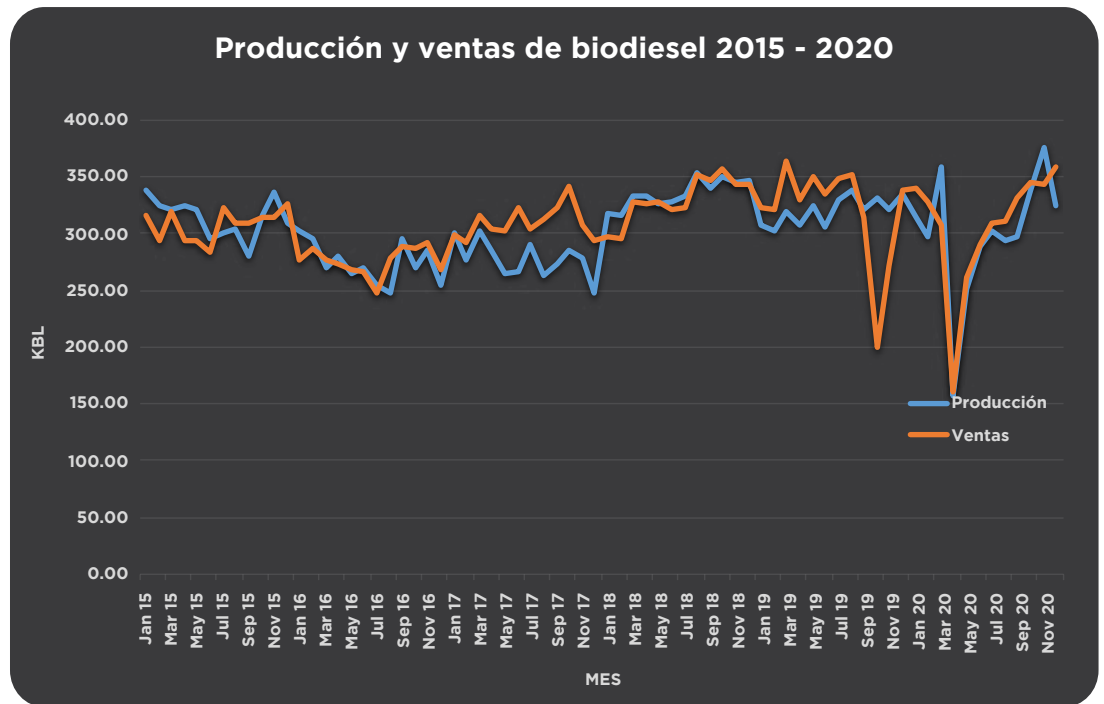




PRODUCCION Y VENTAS DE BIODIESEL

2015 -2020 / Miles de barriles [KBL]

Fecha	Producción	Ventas
Jan 15	338.23	315.66
Feb 15	324.08	293.39
Mar 15	321.35	319.57
Apr 15	325.47	293.53
May 15	320.59	293.53
Jun 15	295.76	283.33
Jul 15	301.09	322.79
Aug 15	304.70	309.61
Sep 15	280.73	309.59
Oct 15	315.58	314.24
Nov 15	336.88	314.49
Dec 15	308.69	326.20
Jan 16	301.99	277.38
Feb 16	295.17	287.61
Mar 16	270.22	277.36
Apr 16	280.59	273.15
May 16	264.73	268.60
Jun 16	270.39	267.11
Jul 16	253.97	247.91
Aug 16	248.50	279.16
Sep 16	295.14	288.94
Oct 16	269.63	286.86
Nov 16	285.41	292.86
Dec 16	255.35	267.59
Jan 17	300.49	298.53
Feb 17	276.03	292.58
Mar 17	302.78	315.55
Apr 17	285.05	304.13
May 17	265.04	302.78
Jun 17	265.67	322.74
Jul 17	291.08	304.33
Aug 17	263.55	312.28
Sep 17	272.76	322.97
Oct 17	285.26	342.10
Nov 17	277.65	307.10
Dec 17	248.40	294.72
Jan 18	317.83	297.71
Feb 18	316.32	295.68
Mar 18	333.58	328.90
Apr 18	333.01	326.81
May 18	326.78	328.64
Jun 18	327.93	321.67
Jul 18	333.86	322.79
Aug 18	352.94	352.72
Sep 18	340.22	346.83
Oct 18	350.75	356.96
Nov 18	344.41	343.53
Dec 18	346.54	343.50
Jan 19	306.94	323.06
Feb 19	302.21	320.89
Mar 19	320.17	364.36
Apr 19	308.19	329.78
May 19	324.65	350.99
Jun 19	306.31	334.99
Jul 19	329.96	348.88
Aug 19	337.60	352.18
Sep 19	320.41	314.06
Oct 19	331.66	199.55
Nov 19	321.97	271.28
Dec 19	334.85	338.73
Jan 20	314.85	339.86
Feb 20	297.65	327.77
Mar 20	358.75	307.47
Apr 20	156.58	160.06
May 20	250.36	262.18
Jun 20	288.45	290.47
Jul 20	303.22	309.42
Aug 20	293.94	310.97
Sep 20	297.10	330.87
Oct 20	339.18	345.51
Nov 20	376.68	342.64
Dec 20	325.45	359.52



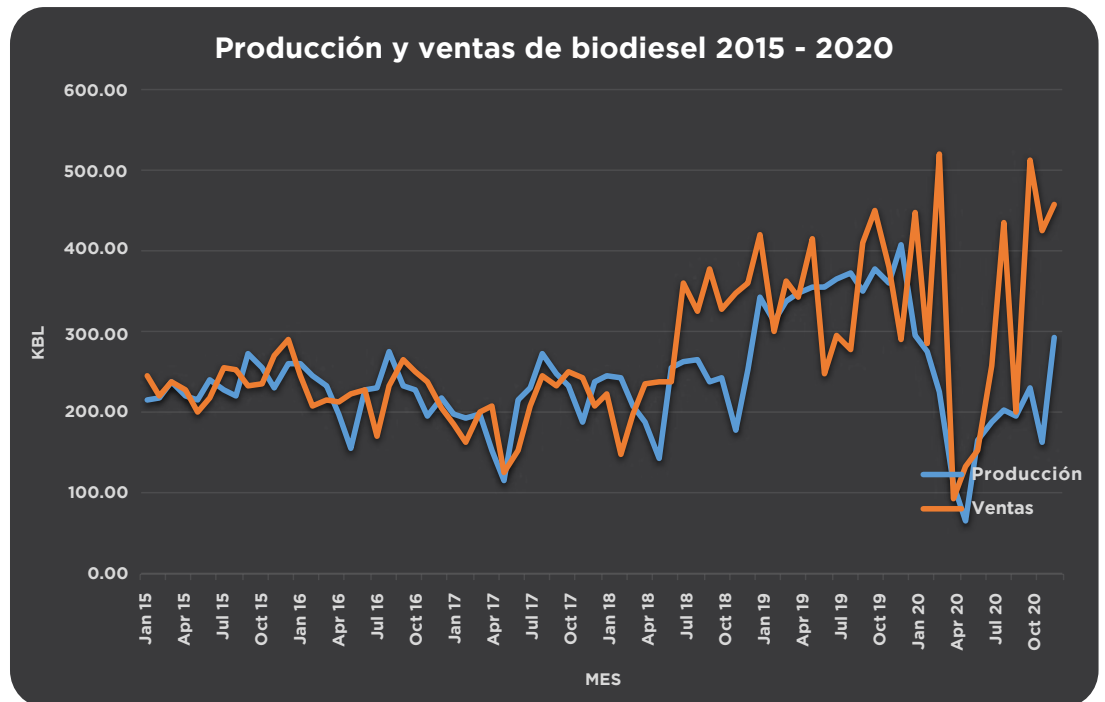
Fuente: Ventas - Federación Nacional de Biocombustibles - Fedebiocombustibles
Producción - SICOM



PRODUCCION Y VENTAS DE ALCOHOL CARBURANTE - ETANOL

2015 - 2020 / Miles de barriles [KBL]

Fecha	Producción	Ventas
Jan 15	215.78	245.22
Feb 15	217.49	219.93
Mar 15	238.18	237.85
Apr 15	220.03	227.18
May 15	215.99	200.69
Jun 15	239.73	217.41
Jul 15	226.38	255.53
Aug 15	219.34	253.49
Sep 15	272.59	233.38
Oct 15	255.10	234.50
Nov 15	229.37	269.13
Dec 15	259.37	290.62
Jan 16	259.82	246.10
Feb 16	245.06	207.17
Mar 16	232.33	214.32
Apr 16	197.88	211.31
May 16	155.36	222.26
Jun 16	227.66	228.44
Jul 16	230.39	169.99
Aug 16	276.29	231.67
Sep 16	231.35	265.88
Oct 16	227.12	250.26
Nov 16	194.47	236.82
Dec 16	217.39	203.75
Jan 17	197.58	184.19
Feb 17	192.14	161.78
Mar 17	196.26	199.81
Apr 17	151.99	208.31
May 17	115.21	125.67
Jun 17	214.55	151.60
Jul 17	228.92	206.75
Aug 17	272.13	246.29
Sep 17	246.33	232.87
Oct 17	233.07	249.31
Nov 17	186.68	241.36
Dec 17	238.73	206.56
Jan 18	244.75	221.58
Feb 18	241.40	147.27
Mar 18	206.43	197.08
Apr 18	186.97	234.89
May 18	142.63	237.80
Jun 18	254.03	238.26
Jul 18	262.12	359.64
Aug 18	264.67	324.21
Sep 18	236.46	376.83
Oct 18	243.10	328.15
Nov 18	177.23	347.49
Dec 18	253.07	360.94
Jan 19	343.76	421.46
Feb 19	312.69	300.24
Mar 19	337.81	363.37
Apr 19	347.85	343.91
May 19	355.70	414.62
Jun 19	354.67	247.59
Jul 19	365.85	293.96
Aug 19	373.80	278.37
Sep 19	349.64	410.71
Oct 19	378.02	450.62
Nov 19	360.07	379.99
Dec 19	406.73	290.66
Jan 20	294.76	447.66
Feb 20	276.04	286.35
Mar 20	225.53	520.04
Apr 20	109.24	92.75
May 20	64.34	131.16
Jun 20	165.48	153.58
Jul 20	188.28	256.82
Aug 20	201.76	434.87
Sep 20	194.43	198.85
Oct 20	230.77	513.78
Nov 20	161.85	426.09
Dec 20	292.94	457.25



Fuente: Ventas - Federación Nacional de Biocombustibles - Fedebiocombustibles
Producción - SICOM



PRECIOS DE LA GASOLINA CORRIENTE MOTOR

2015

\$ / Galon	1-Jan-15	1-Feb-15	1-Mar-15	1-Apr-15	1-May-15	1-Jun-15	1-Jul-15	1-Aug-15	1-Sep-15	1-Oct-15	1-Nov-15	1-Dec-15
Armenia	8,298	7,998	7,998	7,998	7,998	8,088	8,223	8,246	8,175	8,095	7,960	7,881
Barranquilla	8,088	7,788	7,788	7,788	7,652	7,878	8,013	8,036	7,965	7,861	7,732	7,642
Bogotá	8,264	7,964	7,964	7,964	7,964	8,054	8,189	8,212	8,141	8,037	7,905	7,818
Bucaramanga	8,084	7,784	7,784	7,784	7,691	7,874	8,009	8,032	7,961	7,857	7,725	7,638
Cali	8,264	7,964	7,964	7,964	7,964	8,055	8,189	8,213	8,142	8,057	7,922	7,843
Cartagena	8,048	7,748	7,748	7,748	7,617	7,838	7,973	7,996	7,925	7,821	7,691	7,601
Cúcuta												
Ibagué	8,216	7,916	7,916	7,916	7,916	8,006	8,141	8,164	8,093	7,989	7,840	7,770
Manizales	8,239	7,939	7,939	7,939	7,939	8,029	8,164	8,187	8,116	8,037	7,901	7,822
Medellín	8,211	7,911	7,911	7,911	7,911	8,001	8,136	8,159	8,088	7,984	7,852	7,765
Montería	8,298	7,998	7,998	7,998	7,867	8,088	8,223	8,246	8,175	8,071	7,941	7,851
Neiva	8,291	7,991	7,991	7,991	7,991	8,081	8,216	8,239	8,168	8,064	7,931	7,844
Pasto	5,706	5,485	5,485	5,485	5,485	5,551	5,661	5,683	5,638	5,635	5,625	5,635
Pereira	8,238	7,938	7,938	7,938	7,938	8,028	8,163	8,186	8,115	8,035	7,900	7,821
Santa Marta	8,188	7,888	7,888	7,888	7,752	7,978	8,113	8,136	8,065	7,961	7,832	7,742
Sincelejo	8,248	7,948	7,948	7,948	7,817	8,038	8,173	8,196	8,125	8,021	7,891	7,801
Tunja	8,398	8,098	8,098	8,098	8,098	8,188	8,323	8,346	8,275	8,171	8,038	7,952
Villavicencio	8,364	8,064	8,064	8,064	8,064	8,154	8,289	8,312	8,241	8,137	8,005	7,918

Precios de referencia de gasolina y ACPM Ministerio de Minas y Energía - SIPG



PRECIOS DE LA GASOLINA CORRIENTE MOTOR

2016

\$ / Galon	1-Jan-16	1-Feb-16	1-Mar-16	1-Apr-16	1-May-16	1-Jun-16	28-Jul-16	28-Aug-16	1-Sep-16	1-Oct-16	1-Nov-16	1-Dec-16
Armenia	7,857	7,751	7,645	7,731	7,836	7,836	7,873	7,974	7,974	7,974	8,086	8,086
Barranquilla	7,420	7,290	7,185	7,288	7,394	7,394	7,662	7,763	7,763	7,763	7,875	7,875
Bogotá	7,822	7,718	7,612	7,699	7,803	7,803	7,833	7,934	7,934	7,934	8,046	8,046
Bucaramanga	7,642	7,534	7,428	7,514	7,619	7,619	7,656	7,757	7,757	7,757	7,869	7,869
Cali	7,823	7,717	7,612	7,698	7,803	7,803	7,840	7,941	7,941	7,941	8,053	8,053
Cartagena	7,385	7,255	7,149	7,252	7,358	7,358	7,620	7,721	7,721	7,721	7,833	7,833
Cúcuta					5,583	5,583	5,606	5,715	5,715	5,715	5,828	5,828
Ibagué	7,775	7,668	7,562	7,648	7,753	7,753	7,790	7,892	7,892	7,892	8,003	8,003
Manizales	7,798	7,692	7,586	7,672	7,777	7,777	7,814	7,916	7,916	7,916	8,027	8,027
Medellín	7,770	7,663	7,558	7,644	7,749	7,749	7,786	7,887	7,887	7,887	7,999	7,999
Montería	7,635	7,505	7,399	7,502	7,608	7,608	7,870	7,971	7,971	7,971	8,083	8,083
Neiva	7,849	7,746	7,640	7,726	7,831	7,831	7,868	7,969	7,969	7,969	8,081	8,081
Pasto	5,648	5,554	5,554	5,632	5,761	5,761	5,798	5,891	5,891	5,891	5,994	5,994
Pereira	7,797	7,691	7,585	7,671	7,776	7,776	7,813	7,914	7,914	7,914	8,026	8,026
Santa Marta	7,520	7,390	7,285	7,388	7,494	7,494	7,762	7,863	7,863	7,863	7,975	7,975
Sincelejo	7,585	7,455	7,349	7,452	7,558	7,558	7,820	7,921	7,921	7,921	8,033	8,033
Tunja	7,956	7,852	7,746	7,833	7,937	7,937	7,967	8,068	8,068	8,068	8,180	8,180
Villavicencio	7,922	7,818	7,712	7,799	7,903	7,903	7,933	8,034	8,034	8,034	8,146	8,146

Precios de referencia de gasolina y ACPM Ministerio de Minas y Energía - SIPG

PRECIOS DE LA GASOLINA CORRIENTE MOTOR 2017

\$ / Galon	1-Jan-17	2-Feb-17	3-Mar-17	4-Apr-17	1-May-17	1-Jun-17	1-Jul-17	6-Jul-17	2-Aug-17	1-Sep-17	1-Oct-17	2-Nov-17	3-Dec-17
Armenia	8,086	8,256	8,367	8,478	8,589	8,608	8,563	8,599	8,698	8,789	8,789	8,789	8,928
Barranquilla	7,875	8,013	8,124	8,235	8,346	8,366	8,320	8,385	8,485	8,575	8,575	8,575	8,715
Bogotá	8,046	8,211	8,322	8,433	8,544	8,564	8,518	8,560	8,659	8,750	8,750	8,750	8,889
Bucaramanga	7,869	8,018	8,129	8,240	8,351	8,371	8,326	8,378	8,478	8,568	8,568	8,568	8,708
Cali	8,053	8,228	8,339	8,450	8,561	8,581	8,535	8,566	8,665	8,756	8,756	8,756	8,895
Cartagena	7,833	7,971	8,082	8,193	8,304	8,324	8,279	8,342	8,441	8,532	8,532	8,532	8,672
Cúcuta	5,828	6,326	6,116	6,209	6,302	6,319	6,271	6,271	6,362	6,438	6,438	6,462	6,589
Ibagué	8,003	8,170	8,281	8,392	8,503	8,523	8,477	8,515	8,614	8,705	8,705	8,705	8,844
Manizales	8,027	8,196	8,307	8,418	8,529	8,549	8,504	8,540	8,639	8,730	8,730	8,730	8,869
Medellín	7,999	8,163	8,274	8,385	8,533	8,553	8,511	8,511	8,610	8,701	8,701	8,701	8,841
Montería	8,083	8,221	8,332	8,443	8,554	8,574	8,529	8,592	8,691	8,782	8,782	8,782	8,922
Neiva	8,081	8,248	8,359	8,470	8,581	8,601	8,555	8,596	8,695	8,786	8,786	8,786	8,926
Pasto	5,994	6,323	6,155	6,241	6,328	6,345	6,312	6,391	6,467	6,539	6,539	6,533	6,640
Pereira	8,026	8,196	8,307	8,418	8,529	8,548	8,503	8,539	8,638	8,729	8,729	8,729	8,868
Santa Marta	7,975	8,113	8,224	8,335	8,446	8,466	8,420	8,485	8,585	8,675	8,675	8,675	8,815
Sincelejo	8,033	8,171	8,282	8,393	8,504	8,524	8,479	8,542	8,641	8,732	8,732	8,732	8,872
Tunja	8,180	8,345	8,456	8,567	8,678	8,698	8,652	8,694	8,793	8,884	8,884	8,884	9,023
Villavicencio	8,146	8,311	8,422	8,533	8,644	8,664	8,618	8,660	8,759	8,850	8,850	8,850	8,989

Precios de referencia de gasolina y ACPM Ministerio de Minas y Energía - SIPG

PRECIOS DE LA GASOLINA CORRIENTE MOTOR

2018

\$ / Galon	3-Jan-18	3-Feb-18	6-Mar-18	6-Apr-18	7-May-18	7-Jun-18	8-Jul-18	8-Aug-18	8-Sep-18	9-Oct-18	9-Nov-18	10-Dec-18
Armenia	8,927	9,074	9,064	9,064	9,163	9,329	9,329	9,329	9,364	9,487	9,585	9,585
Barranquilla	8,711	8,761	8,757	8,856	8,856	9,021	9,021	9,021	9,057	9,180	9,278	9,278
Bogotá	8,889	9,042	9,039	9,138	9,138	9,303	9,303	9,303	9,339	9,462	9,560	9,560
Bucaramanga	8,703	8,839	8,843	8,943	8,943	9,108	9,108	9,108	9,144	9,267	9,365	9,365
Cali	8,895	9,063	9,053	9,053	9,152	9,317	9,317	9,317	9,353	9,476	9,574	9,574
Cartagena	8,666	8,726	8,723	8,822	8,822	8,987	8,987	8,987	9,023	9,146	9,244	9,244
Cúcuta	5,786	5,892	6,763	6,898	6,898	7,048	7,048	7,048	7,098	7,202	7,283	7,283
Ibagué	8,842	8,973	8,965	9,080	9,080	9,229	9,229	9,229	9,282	9,404	9,503	9,503
Manizales	8,871	9,028	9,022	9,121	9,121	9,286	9,286	9,286	9,322	9,445	9,543	9,543
Medellín	8,839	8,985	8,979	9,079	9,079	9,244	9,244	9,244	9,280	9,402	9,501	9,501
Montería	8,916	8,976	8,973	9,072	9,072	9,237	9,237	9,237	9,273	9,396	9,494	9,494
Neiva	8,927	9,067	9,060	9,060	9,159	9,325	9,325	9,325	9,360	9,483	9,582	9,582
Pasto	6,487	6,583	6,802	6,867	6,867	6,996	6,996	6,996	7,023	7,120	7,199	7,199
Pereira	8,867	9,014	9,004	9,103	9,103	9,269	9,269	9,269	9,304	9,427	9,525	9,525
Santa Marta	8,811	8,861	8,857	8,857	8,956	9,121	9,121	9,121	9,157	9,280	9,378	9,378
Sincelejo	8,868	8,926	8,923	8,923	9,022	9,187	9,187	9,187	9,223	9,346	9,444	9,444
Tunja	9,023	9,176	9,172	9,172	9,272	9,437	9,437	9,437	9,473	9,596	9,694	9,694
Villavicencio	8,989	9,142	9,139	9,238	9,238	9,403	9,403	9,403	9,439	9,562	9,660	9,660

Precios de referencia de gasolina y ACPM Ministerio de Minas y Energía - SIPG

PRECIOS DE LA GASOLINA CORRIENTE MOTOR

2019

\$ / Galon	10-Jan-19	10-Feb-19	10-Mar-19	10-Apr-19	10-May-19	10-Jun-19	10-Jul-19	10-Aug-19	10-Sep-19	10-Oct-19	10-Nov-19	10-Dec-19
Armenia	9,526	9,565	9,610	9,610	9,610	9,610	9,760	9,758	9,710	9,710	9,715	9,714
Barranquilla	9,211	9,250	9,295	9,295	9,295	9,295	9,445	9,444	9,444	9,443	9,375	9,374
Bogotá	9,501	9,539	9,586	9,586	9,586	9,586	9,736	9,734	9,734	9,734	9,705	9,704
Bucaramanga	9,299	9,338	9,385	9,385	9,385	9,385	9,535	9,533	9,533	9,533	9,469	9,468
Cali	9,516	9,555	9,600	9,600	9,600	9,600	9,750	9,749	9,749	9,748	9,748	9,747
Cartagena	9,176	9,215	9,261	9,261	9,261	9,261	9,410	9,409	9,409	9,409	9,340	9,339
Cúcuta	7,184	7,215	7,257	7,257	7,257	7,257	7,406	7,434	7,400	7,400	7,398	7,397
Ibagué	9,425	9,464	9,510	9,510	9,510	9,510	9,676	9,675	9,675	9,674	9,672	9,673
Manizales	9,484	9,523	9,569	9,569	9,569	9,569	9,718	9,717	9,717	9,717	9,692	9,691
Medellín	9,440	9,479	9,525	9,525	9,525	9,525	9,675	9,673	9,673	9,673	9,636	9,636
Montería	9,426	9,465	9,511	9,511	9,511	9,511	9,660	9,659	9,659	9,659	9,590	9,589
Neiva	9,523	9,562	9,608	9,608	9,608	9,608	9,758	9,756	9,756	9,756	9,757	9,757
Pasto	7,167	7,196	7,231	7,231	7,231	7,231	7,377	7,369	7,377	7,374	7,373	7,370
Pereira	9,466	9,505	9,550	9,550	9,550	9,550	9,700	9,699	9,698	9,698	9,697	9,703
Santa Marta	9,311	9,350	9,395	9,395	9,395	9,395	9,545	9,544	9,544	9,543	9,475	9,474
Sincelejo	9,376	9,415	9,461	9,461	9,461	9,461	9,610	9,609	9,609	9,609	9,540	9,539
Tunja	9,634	9,673	9,720	9,720	9,720	9,720	9,870	9,868	9,868	9,868	9,839	9,838
Villavicencio	9,601	9,639	9,686	9,686	9,686	9,686	9,836	9,834	9,834	9,834	9,805	9,804

Precios de referencia de gasolina y ACPM Ministerio de Minas y Energía - SIPG

PRECIOS DE LA GASOLINA CORRIENTE MOTOR 2020

\$ / Galon	10-Jan-20	10-Feb-20	10-Mar-20	10-Apr-20	10-May-20	10-Jun-20	10-Jul-20	10-Aug-20	10-Sep-20	10-Oct-20	10-Nov-20	10-Dec-20
Armenia	9,678	9,678	9,550	8,261	8,261	8,261	8,261	8,261	8,261	8,261	8,261	8,361
Barranquilla	9,404	9,403	9,276	7,987	7,987	7,987	8,099	7,987	7,987	7,910	7,909	8,009
Bogotá	9,702	9,702	9,576	8,286	8,286	8,286	8,286	8,286	8,286	8,250	8,250	8,350
Bucaramanga	9,495	9,494	9,369	8,080	8,080	8,080	8,080	8,080	8,080	8,003	8,003	8,103
Cali	9,718	9,717	9,590	8,301	8,301	8,301	8,301	8,301	8,301	8,224	8,224	8,323
Cartagena	9,368	9,367	9,240	7,951	7,951	7,951	8,063	7,951	7,951	7,874	7,873	7,973
Cúcuta	7,415	7,396	7,396	6,366	6,366	6,366	6,526	6,526	6,526	6,445	6,449	6,553
Ibagué	9,641	9,640	9,513	8,224	8,224	8,224	8,224	8,224	8,224	8,218	8,218	8,317
Manizales	9,685	9,684	9,558	8,268	8,268	8,268	8,268	8,268	8,268	8,237	8,237	8,336
Medellín	9,640	9,639	9,513	8,223	8,223	8,223	8,223	8,223	8,223	8,180	8,179	8,279
Montería	9,618	9,617	9,490	8,201	8,201	8,201	8,313	8,201	8,201	8,124	8,123	8,223
Neiva	9,725	9,725	9,598	8,309	8,309	8,309	8,309	8,309	8,309	8,305	8,304	8,404
Pasto	7,338	7,338	7,338	6,938	6,938	6,938	6,952	6,952	6,952	6,878	6,878	6,973
Pereira	9,666	9,666	9,538	8,249	8,249	8,249	8,249	8,249	8,249	8,249	8,249	8,349
Santa Marta	9,504	9,503	9,376	8,087	8,087	8,087	8,199	8,087	8,087	8,010	8,009	8,109
Sincelejo	9,568	9,567	9,440	8,151	8,151	8,151	8,263	8,151	8,151	8,074	8,073	8,173
Tunja	9,836	9,836	9,710	8,420	8,420	8,420	8,420	8,420	8,420	8,384	8,384	8,484
Villavicencio	9,802	9,802	9,676	8,386	8,386	8,386	8,386	8,386	8,386	8,350	8,350	8,450

Precios de referencia de gasolina y ACPM Ministerio de Minas y Energía - SIPG



PRECIOS DE LA GASOLINA CORRIENTE MOTOR 2021

\$ / Galon	10-Jan-21	10-Feb-21	10-Mar-21	10-Apr-21	10-May-21
Armenia	8,421	8,621	8,821	8,844	8,844
Barranquilla	8,139	8,339	8,539	8,542	8,542
Bogotá	8,447	8,647	8,847	8,847	8,847
Bucaramanga	8,233	8,443	8,633	8,608	8,608
Cali	8,463	8,663	8,862	8,885	8,885
Cartagena	8,102	8,302	8,502	8,502	8,502
Cúcuta	6,680	6,872	7,059	7,081	7,081
Ibagué	8,383	8,583	8,782	8,798	8,798
Manizales	8,428	8,628	8,828	8,839	8,839
Medellín	8,382	8,582	8,782	8,789	8,789
Montería	8,352	8,552	8,752	8,752	8,752
Neiva	8,470	8,670	8,870	8,882	8,882
Pasto	7,091	7,293	7,484	7,403	7,403
Pereira	8,409	8,609	8,809	8,832	8,832
Santa Marta	8,239	8,439	8,639	8,642	8,642
Sincelejo	8,302	8,502	8,702	8,702	8,702
Tunja	8,581	8,781	8,981	8,981	8,981
Villavicencio	8,547	8,747	8,947	8,947	8,947

Precios de referencia de gasolina y ACPM Ministerio de Minas y Energía - SIPG



PRECIOS DE ACPM

2015

\$ / Galon	1-Jan-15	1-Feb-15	1-Mar-15	1-Apr-15	1-May-15	1-Jun-15	1-Jul-15	1-Aug-15	1-Sep-15	1-Oct-15	1-Nov-15	1-Dec-15
Armenia	8,360	7,934	7,925	7,925	8,261	8,064	8,104	7,990	7,907	7,927	7,798	7,713
Barranquilla	7,989	7,555	7,546	7,546	7,987	7,685	7,725	7,611	7,528	7,548	7,459	7,330
Bogotá	8,151	7,702	7,702	7,693	8,286	7,841	7,873	7,756	7,670	7,688	7,593	7,469
Bucaramanga	8,034	7,602	7,593	7,593	8,080	7,731	7,772	7,658	7,575	7,595	7,506	7,381
Cali	8,301	7,877	7,868	7,868	8,301	8,007	8,047	7,933	7,850	7,870	7,781	7,656
Cartagena	7,962	7,528	7,519	7,519	7,951	7,657	7,697	7,583	7,501	7,520	7,432	7,304
Cúcuta					6,366							
Ibagué	8,207	7,780	7,771	7,771	8,224	7,909	7,949	7,835	7,753	7,772	7,667	7,559
Manizales	8,252	7,827	7,817	7,817	8,268	7,956	7,996	7,882	7,800	7,819	7,730	7,606
Medellín	8,217	7,791	7,781	7,781	8,223	7,920	7,960	7,846	7,764	7,783	7,694	7,570
Montería	8,212	7,778	7,769	7,769	8,201	7,907	7,947	7,833	7,751	7,770	7,679	7,554
Neiva	8,273	7,848	7,839	7,839	8,309	7,977	8,018	7,904	7,821	7,841	7,752	7,627
Pasto	5,929	5,649	5,649	5,649	6,938	5,766	5,806	5,726	5,671	5,687	5,682	5,687
Pereira	8,260	7,834	7,825	7,825	8,249	7,964	8,004	7,890	7,807	7,827	7,738	7,613
Santa Marta	8,089	7,655	7,646	7,646	8,087	7,785	7,825	7,711	7,628	7,648	7,559	7,430
Sincelejo	8,162	7,728	7,719	7,719	8,151	7,857	7,897	7,783	7,701	7,720	7,632	7,504
Tunja	8,285	7,836	7,836	7,827	8,420	7,975	8,007	7,890	7,804	7,822	7,727	7,603
Villavicencio	8,251	7,802	7,802	7,793	8,386	7,941	7,973	7,856	7,770	7,788	7,693	7,569

Precios de referencia de gasolina y ACPM Ministerio de Minas y Energía - SIPG



PRECIOS DE ACPM

2016

\$ / Galon	1-Jan-16	1-Feb-16	1-Mar-16	1-Apr-16	1-May-16	1-Jun-16	28-Jul-16	28-Aug-16	1-Sep-16	1-Oct-16	3-Nov-16	1-Dec-16
Armenia	7,689	7,585	7,572	7,530	7,607	7,607	7,498	7,636	7,636	7,636	7,761	7,761
Barranquilla	7,305	7,191	7,179	7,136	7,213	7,213	7,104	7,243	7,243	7,243	7,367	7,367
Bogotá	7,426	7,317	7,307	7,273	7,348	7,348	7,258	7,391	7,391	7,391	7,501	7,501
Bucaramanga	7,356	7,244	7,232	7,189	7,266	7,266	7,157	7,296	7,296	7,296	7,420	7,420
Cali	7,632	7,529	7,517	7,474	7,551	7,551	7,442	7,581	7,581	7,581	7,705	7,705
Cartagena	7,279	7,165	7,152	7,109	7,187	7,187	7,078	7,216	7,216	7,216	7,340	7,340
Cúcuta					5,053	5,053	5,075	5,173	5,173	5,173	5,233	5,233
Ibagué	7,534	7,427	7,415	7,372	7,449	7,449	7,340	7,479	7,479	7,479	7,603	7,603
Manizales	7,581	7,477	7,464	7,421	7,499	7,499	7,390	7,528	7,528	7,528	7,652	7,652
Medellín	7,545	7,440	7,427	7,384	7,462	7,462	7,353	7,491	7,491	7,491	7,615	7,615
Montería	7,529	7,415	7,402	7,359	7,437	7,437	7,328	7,466	7,466	7,466	7,590	7,590
Neiva	7,602	7,498	7,486	7,443	7,520	7,520	7,411	7,550	7,550	7,550	7,674	7,674
Pasto	5,689	5,688	5,689	5,689	5,789	5,789	5,816	5,939	5,939	5,939	6,056	6,056
Pereira	7,589	7,485	7,472	7,430	7,507	7,507	7,398	7,536	7,536	7,536	7,661	7,661
Santa Marta	7,405	7,291	7,279	7,236	7,313	7,313	7,204	7,343	7,343	7,343	7,467	7,467
Sincelejo	7,479	7,365	7,352	7,309	7,387	7,387	7,278	7,416	7,416	7,416	7,540	7,540
Tunja	7,560	7,451	7,441	7,407	7,482	7,482	7,392	7,525	7,525	7,525	7,635	7,635
Villavicencio	7,526	7,417	7,407	7,373	7,448	7,448	7,358	7,491	7,491	7,491	7,601	7,601

Precios de referencia de gasolina y ACPM Ministerio de Minas y Energía - SIPG

PRECIOS DE ACPM

2017

\$ / Galon	1-Jan-17	2-Feb-17	3-Mar-17	4-Apr-17	1-May-17	1-Jun-17	1-Jul-17	6-Jul-17	2-Aug-17	1-Sep-17	1-Oct-17	2-Nov-17	3-Dec-17
Armenia	7,761	7,894	7,913	7,901	7,866	7,886	7,902	7,902	7,999	8,135	8,135	8,138	8,299
Barranquilla	7,367	7,590	7,609	7,597	7,562	7,582	7,598	7,598	7,695	7,831	7,831	7,834	7,995
Bogotá	7,501	7,727	7,756	7,747	7,771	7,791	7,805	7,805	7,901	8,038	8,038	8,038	8,197
Bucaramanga	7,420	7,645	7,664	7,652	7,617	7,637	7,653	7,653	7,750	7,886	7,886	7,889	8,050
Cali	7,705	7,939	7,958	7,947	7,912	7,932	7,948	7,948	8,045	8,181	8,181	8,184	8,345
Cartagena	7,340	7,562	7,581	7,570	7,535	7,555	7,571	7,571	7,668	7,804	7,804	7,807	7,968
Cúcuta	5,233	5,500	5,490	5,488	5,504	5,521	5,524	5,524	5,592	5,690	5,690	5,678	5,784
Ibagué	7,603	7,816	7,835	7,824	7,789	7,809	7,825	7,825	7,922	8,058	8,058	8,061	8,222
Manizales	7,652	7,885	7,904	7,892	7,858	7,877	7,893	7,893	7,990	8,126	8,126	8,129	8,290
Medellín	7,615	7,847	7,866	7,854	7,820	7,840	7,855	7,855	7,952	8,089	8,089	8,091	8,252
Montería	7,590	7,812	7,831	7,820	7,785	7,805	7,821	7,821	7,918	8,054	8,054	8,057	8,218
Neiva	7,674	7,907	7,926	7,914	7,880	7,899	7,915	7,915	8,012	8,148	8,148	8,151	8,312
Pasto	6,056	6,268	6,218	6,206	6,160	6,177	6,192	6,192	6,265	6,365	6,365	6,374	6,498
Pereira	7,661	7,894	7,913	7,901	7,866	7,886	7,902	7,902	7,999	8,135	8,135	8,138	8,299
Santa Marta	7,467	7,690	7,709	7,697	7,662	7,682	7,698	7,698	7,795	7,931	7,931	7,934	8,095
Sincelejo	7,540	7,762	7,781	7,770	7,735	7,755	7,771	7,771	7,868	8,004	8,004	8,007	8,168
Tunja	7,635	7,861	7,890	7,881	7,905	7,925	7,939	7,939	8,035	8,172	8,172	8,172	8,331
Villavicencio	7,601	7,827	7,856	7,847	7,871	7,891	7,905	7,905	8,001	8,138	8,138	8,138	8,297

Precios de referencia de gasolina y ACPM Ministerio de Minas y Energía - SIPG

PRECIOS DE ACPM

2018

\$ / Galon	3-Jan-18	3-Feb-18	6-Mar-18	6-Apr-18	7-May-18	7-Jun-18	8-Jul-18	8-Aug-18	8-Sep-18	9-Oct-18	9-Nov-18	9-Dec-18
Armenia	8,348	8,483	8,479	8,479	8,506	9,329	9,329	9,329	8,830	8,937	9,031	9,031
Barranquilla	7,973	8,109	8,105	8,192	8,192	8,352	8,352	8,352	8,457	8,564	8,657	8,657
Bogotá	8,185	8,324	8,363	8,450	8,450	8,610	8,610	8,610	8,715	8,822	8,916	8,916
Bucaramanga	8,029	8,166	8,162	8,249	8,249	8,409	8,409	8,409	8,513	8,620	8,714	8,714
Cali	8,333	8,470	8,466	8,466	8,553	9,317	9,317	9,317	8,817	8,925	9,018	9,018
Cartagena	7,944	8,081	8,077	8,164	8,164	8,324	8,324	8,324	8,428	8,536	8,629	8,629
Cúcuta	6,597	5,892	5,892	5,985	5,985	6,105	6,105	6,105	6,186	6,289	6,363	6,363
Ibagué	8,208	8,343	8,339	8,426	8,426	8,586	8,586	8,586	8,690	8,797	8,891	8,891
Manizales	8,279	8,414	8,409	8,497	8,497	8,656	8,656	8,656	8,761	8,868	8,962	8,962
Medellín	8,240	8,375	8,370	8,458	8,458	8,618	8,618	8,618	8,722	8,829	8,923	8,923
Montería	8,196	8,331	8,326	8,414	8,414	8,574	8,574	8,574	8,678	8,786	8,879	8,879
Neiva	8,300	8,436	8,432	8,414	8,519	9,325	9,325	9,325	8,784	8,891	8,984	8,984
Pasto	6,644	6,593	6,589	6,627	6,627	6,755	6,755	6,755	6,823	6,889	6,955	6,955
Pereira	8,286	8,423	8,419	8,419	8,506	8,666	8,666	8,666	8,770	8,877	8,971	8,971
Santa Marta	8,074	8,209	8,205	8,205	8,292	9,121	9,121	9,121	8,557	8,664	8,757	8,757
Sincelejo	8,146	8,281	8,277	8,277	8,364	9,187	9,187	9,187	8,628	8,736	8,829	8,829
Tunja	8,320	8,458	8,497	8,497	8,584	9,437	9,437	9,437	8,849	8,956	9,050	9,050
Villavicencio	8,286	8,424	8,463	8,506	8,550	8,710	8,710	8,710	8,815	8,922	9,016	9,016

Precios de referencia de gasolina y ACPM Ministerio de Minas y Energía - SIPG

PRECIOS DE ACPM

2019

\$ / Galon	9-Jan-19	9-Feb-19	9-Mar-19	9-Apr-19	9-May-19	9-Jun-19	9-Jul-19	9-Aug-19	9-Sep-19	9-Oct-19	9-Nov-19	9-Dec-19
Armenia	8,982	9,095	9,185	9,185	9,185	9,185	9,335	9,334	9,387	9,329	9,329	9,329
Barranquilla	8,600	8,706	8,802	8,802	8,802	8,802	8,952	8,951	9,048	9,009	9,003	8,997
Bogotá	8,866	8,967	9,068	9,068	9,068	9,068	9,218	9,217	9,307	9,283	9,272	9,261
Bucaramanga	8,658	8,767	8,860	8,860	8,860	8,860	9,010	9,010	9,106	9,061	9,057	9,053
Cali	8,970	9,084	9,174	9,174	9,174	9,174	9,323	9,323	9,423	9,367	9,367	9,366
Cartagena	8,571	8,679	8,773	8,773	8,773	8,773	8,923	8,922	9,020	8,975	8,971	8,967
Cúcuta	6,333	6,317	6,435	6,435	6,435	6,435	6,584	6,604	6,588	6,577	6,577	6,577
Ibagué	8,838	8,945	9,041	9,041	9,041	9,041	9,209	9,208	9,303	9,264	9,258	9,252
Manizales	8,912	9,024	9,115	9,115	9,115	9,115	9,265	9,265	9,364	9,312	9,310	9,308
Medellín	8,872	8,986	9,075	9,075	9,075	9,075	9,225	9,225	9,326	9,268	9,268	9,268
Montería	8,816	8,928	9,021	9,021	9,021	9,021	9,171	9,171	9,269	9,224	9,220	9,216
Neiva	8,936	9,043	9,139	9,139	9,139	9,139	9,288	9,288	9,383	9,342	9,337	9,331
Pasto	6,924	7,094	7,097	7,097	7,097	7,097	7,240	7,230	7,394	7,380	7,380	7,380
Pereira	8,922	9,036	9,125	9,125	9,125	9,125	9,275	9,274	9,375	9,318	9,318	9,318
Santa Marta	8,700	8,806	8,902	8,902	8,902	8,902	9,052	9,051	9,148	9,109	9,103	9,097
Sincelejo	8,771	8,879	8,973	8,973	8,973	8,973	9,123	9,122	9,220	9,175	9,171	9,167
Tunja	9,000	9,101	9,202	9,202	9,202	9,202	9,352	9,351	9,440	9,417	9,406	9,394
Villavicencio	8,966	9,067	9,168	9,168	9,168	9,168	9,318	9,317	9,406	9,383	9,372	9,361

Precios de referencia de gasolina y ACPM Ministerio de Minas y Energía - SIPG

PRECIOS DE ACPM 2020

\$ / Galon	9-Jan-20	9-Feb-20	9-Mar-20	9-Apr-20	9-May-20	9-Jun-20	9-Jul-20	9-Aug-20	9-Sep-20	9-Oct-20	9-Nov-20	9-Dec-20
Armenia	9,528	9,527	9,405	8,459	8,459	8,459	8,309	8,309	8,309	8,309	8,309	8,308
Barranquilla	9,185	9,184	9,061	8,116	8,116	8,116	7,966	7,966	7,966	7,966	7,966	7,965
Bogotá	9,456	9,456	9,333	8,388	8,388	8,388	8,238	8,238	8,238	8,237	8,237	8,237
Bucaramanga	9,243	9,242	9,119	8,174	8,174	8,174	8,024	8,024	8,024	8,024	8,024	8,023
Cali	9,566	9,565	9,443	8,497	8,497	8,497	8,347	8,347	8,347	8,347	8,347	8,346
Cartagena	9,154	9,154	9,031	8,086	8,086	8,086	7,936	7,936	7,935	7,935	7,935	7,934
Cúcuta	6,682	6,684	6,684	6,683	6,683	6,683	6,843	6,858	6,858	6,809	6,783	6,705
Ibagué	9,447	9,446	9,323	8,378	8,378	8,378	8,228	8,228	8,228	8,227	8,227	8,227
Manizales	9,506	9,505	9,383	8,437	8,437	8,437	8,287	8,287	8,287	8,287	8,287	8,286
Medellín	9,465	9,464	9,341	8,396	8,396	8,396	8,246	8,246	8,246	8,246	8,245	8,245
Montería	9,404	9,404	9,281	8,336	8,336	8,336	8,186	8,186	8,185	8,185	8,185	8,184
Neiva	9,529	9,529	9,406	8,461	8,461	8,461	8,311	8,311	8,311	8,310	8,310	8,310
Pasto	7,552	7,549	7,549	7,547	7,547	7,547	7,514	7,513	7,513	7,517	7,519	7,525
Pereira	9,516	9,515	9,393	8,447	8,447	8,447	8,297	8,297	8,297	8,297	8,297	8,296
Santa Marta	9,285	9,284	9,161	8,216	8,216	8,216	8,066	8,066	8,066	8,066	8,066	8,065
Sincelejo	9,354	9,354	9,231	8,286	8,286	8,286	8,136	8,136	8,135	8,135	8,135	8,134
Tunja	9,590	9,590	9,467	8,522	8,522	8,522	8,372	8,372	8,372	8,371	8,371	8,371
Villavicencio	9,556	9,556	9,433	8,488	8,488	8,488	8,338	8,338	8,338	8,337	8,337	8,337

Precios de referencia de gasolina y ACPM Ministerio de Minas y Energía - SIPG

PRECIOS DE ACPM 2021

\$ / Galon	9-Jan-21	9-Feb-21	9-Mar-21	9-Apr-21	9-May-21
Armenia	8,437	8,587	8,737	8,737	8,737
Barranquilla	8,085	8,235	8,385	8,378	8,378
Bogotá	8,365	8,515	8,665	8,652	8,652
Bucaramanga	8,145	8,294	8,444	8,440	8,440
Cali	8,477	8,626	8,776	8,776	8,776
Cartagena	8,054	8,203	8,353	8,349	8,349
Cúcuta	6,828	6,930	7,078	6,791	6,791
Ibagué	8,354	8,504	8,654	8,647	8,647
Manizales	8,415	8,565	8,715	8,712	8,712
Medellín	8,372	8,522	8,672	8,672	8,672
Montería	8,304	8,453	8,603	8,599	8,599
Neiva	8,440	8,590	8,740	8,733	8,733
Pasto	7,648	7,787	7,926	7,824	7,824
Pereira	8,425	8,575	8,725	8,725	8,725
Santa Marta	8,185	8,335	8,485	8,478	8,478
Sincelejo	8,254	8,403	8,553	8,549	8,549
Tunja	8,499	8,649	8,799	8,786	8,786
Villavicencio	8,465	8,615	8,765	8,752	8,752

Precios de referencia de gasolina y ACPM Ministerio de Minas y Energía - SIPG

CANTIDAD DE EDS AUTOMOTRIZ

POR DEPARTAMENTO 2015 - 2020

DEPARTAMENTO	CANTIDAD de EDS Automotriz 2015	CANTIDAD de EDS Automotriz 2016	CANTIDAD de EDS Automotriz 2017	CANTIDAD de EDS Automotriz 2018	CANTIDAD de EDS Automotriz 2019	CANTIDAD de EDS Automotriz 2020
ANTIOQUIA	537	546	600	606	617	561
VALLE DEL CAUCA	429	429	498	491	499	436
NARIÑO	368	409	481	516	598	584
BOGOTA D.C.	392	391	472	480	488	387
CUNDINAMARCA	365	369	423	428	446	414
SANTANDER	218	223	255	262	266	241
BOYACA	207	208	235	241	247	229
ATLANTICO	186	189	215	221	228	197
CESAR	163	174	204	186	198	203
LA GUAJIRA	143	164	192	191	193	184
TOLIMA	171	173	192	192	195	173
CORDOBA	150	155	190	184	186	166
BOLIVAR	150	157	187	205	212	180
META	155	158	184	193	193	163
HUILA	141	148	179	167	174	173
CAUCA	135	144	162	197	201	179
NORTE DE SANTANDER	119	128	141	147	153	160
CALDAS	104	105	138	117	117	111
PUTUMAYO	98	101	116	106	108	109
MAGDALENA	101	109	115	143	148	133
SUCRE	93	95	114	120	124	114
RISARALDA	95	96	106	101	103	95
CAQUETA	88	85	101	116	117	86
CASANARE	68	72	100	79	83	77
QUINDIO	67	66	78	68	68	64
CHOCO	63	67	68	106	107	77
GUAVIARE	33	34	51	52	52	34
ARAUCA	24	25	30	33	33	32
VICHADA	14	14	17	17	17	12
SAN ANDRES, SANTA CATALINA Y PROVIDENCIA	5	5	6	6	6	5
VAUPES	5	4	6	6	6	4
GUAINIA	1	1	4	4	4	4
AMAZONAS	7	7	0	9	9	7
TOTAL		5051	5860	5990	6196	5594

VENTAS DE ACPM Y GASOLINA MOTOR

EN EDS AUTOMOTRIZ POR DEPARTAMENTO 2015 - 2020

DEPARTAMENTO	Volumen de ventas EDS Automotriz Galones 2015	Volumen de ventas EDS Automotriz Galones 2016	Volumen de ventas EDS Automotriz Galones 2017	Volumen de ventas EDS Automotriz Galones 2018	Volumen de ventas EDS Automotriz Galones 2019	Volumen de ventas EDS Automotriz Galones 2020
BOGOTA D.C.	503,127,378	512,826,640	520,493,150	530,955,962	501,263,563	384,632,027
ANTIOQUIA	439,465,952	464,178,359	469,559,919	482,966,919	484,000,668	427,610,189
VALLE DEL CAUCA	318,314,834	340,841,008	345,129,941	359,523,278	360,617,620	321,286,439
CUNDINAMARCA	267,070,306	277,222,589	287,402,228	297,190,405	294,254,517	272,456,749
SANTANDER	156,683,706	161,136,493	159,181,343	164,222,823	165,527,275	143,681,186
CESAR	132,150,957	152,964,078	147,967,731	159,744,160	165,432,912	167,924,496
ATLANTICO	121,936,801	130,935,994	131,396,301	136,468,270	135,620,435	108,655,921
NARIÑO	113,800,462	116,450,951	116,253,999	119,083,966	116,329,883	114,311,064
TOLIMA	107,904,980	113,185,398	115,679,087	117,986,712	113,492,883	104,045,642
BOLIVAR	107,566,393	112,207,203	112,596,033	119,502,080	121,692,832	102,320,458
BOYACA	95,444,709	96,864,584	100,005,186	104,815,870	107,699,140	99,309,632
META	88,176,673	86,218,212	82,844,581	83,665,498	88,853,465	78,013,129
CORDOBA	73,790,674	79,122,189	79,689,424	82,247,942	82,954,451	73,685,959
NORTE DE SANTANDER	77,110,098	102,561,360	79,085,343	88,291,425	120,141,024	135,740,263
HUILA	70,840,459	74,352,698	74,127,848	76,175,337	76,176,289	68,694,263
RISARALDA	57,288,324	61,457,761	64,758,879	67,051,997	67,382,379	59,586,754
CAUCA	47,409,204	54,009,096	56,073,540	61,414,935	63,837,449	60,933,262
CALDAS	52,224,392	55,533,956	54,983,021	57,063,708	56,667,185	49,882,662
CASANARE	44,288,885	44,925,300	45,428,933	45,422,338	47,716,840	46,263,129
MAGDALENA	35,659,230	41,563,099	40,672,306	44,695,081	46,416,037	41,309,420
QUINDIO	35,545,058	38,534,222	38,245,928	38,932,831	38,863,978	34,057,546
SUCRE	31,761,974	32,716,608	32,776,710	34,732,883	36,624,896	32,659,054
CAQUETA	23,736,552	25,739,656	24,033,061	24,367,391	24,747,521	22,210,272
CHOCO	25,130,230	24,950,094	26,713,177	26,509,948	25,657,898	26,215,008
PUTUMAYO	19,935,431	21,286,523	21,190,663	21,210,584	21,708,634	23,814,897
LA GUAJIRA	15,352,826	18,816,285	17,621,423	23,760,365	31,817,651	46,988,387
ARAUCA	11,609,726	13,527,063	13,290,840	12,980,923	16,701,980	22,414,137
GUAVIARE	4,984,250	5,423,981	5,456,359	5,536,268	5,845,963	6,212,942
SAN ANDRES, SANTA CATALINA Y PROVIDENCIA	4,623,746	4,950,000	5,066,414	5,032,560	5,181,800	3,415,048
VICHADA	1,540,097	1,963,793	1,975,731	2,125,450	2,652,194	4,387,980
GUAINIA	952,846	1,376,132	1,683,798	2,382,970	2,973,372	3,767,407
VAUPES	640,166	452,644	457,720	491,106	502,870	530,095
AMAZONAS	3,073,344	2,232,611	2,982,324	3,069,486	3,282,324	2,768,449
TOTAL	3,089,140,663	3,270,526,580	3,274,822,941	3,399,621,469	3,432,637,928	3,089,783,864

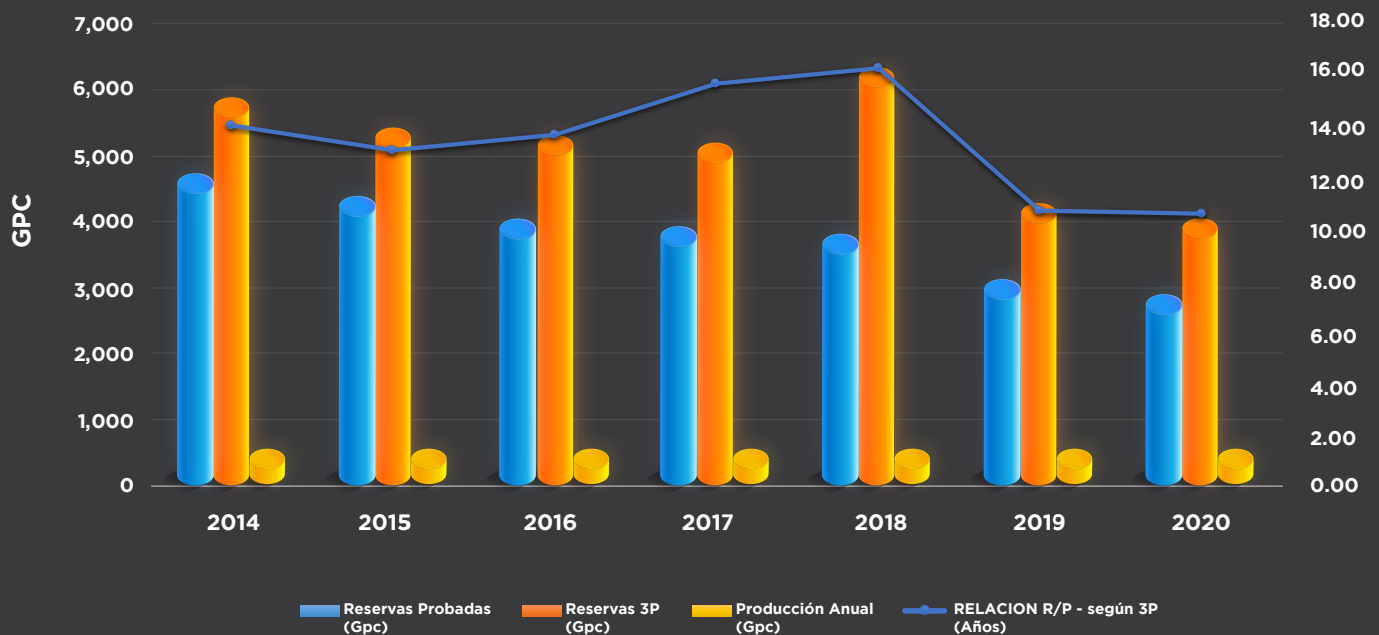


RESERVAS DE GAS NATURAL

2014 - 2020

AÑO	Reservas Probadas (Gpc)	Reservas 3P (Gpc)	Variación (%)	Producción Anual (Gpc)	Incorporación Anual (Gpc)	Reemplazo Reservas I/P	RELACION R/P - según 1P - (Años)	RELACION R/P - según 3P (Años)
2014	4,758.0	5,915	-7.70%	421	-296	-70.3%	11.30	14.05
2015	4,361.0	5,443	-8.00%	417	35	8.4%	10.46	13.05
2016	4,024.0	5,321	-2.20%	389	22	5.7%	10.34	13.68
2017	3,896.0	5,207	-3.20%	332	204	61.0%	11.70	15.68
2018	3,782.0	6,283	-2.90%	386	272	70.0%	12.70	16.28
2019	3,163.0	4,186	-16.40%	391	-228	-58.0%	8.09	10.71
2020	2,949.0	4,031	-6.77%	381	167	44.0%	7.74	10.58

RESERVAS DE GAS NATURAL 2014 - 2020



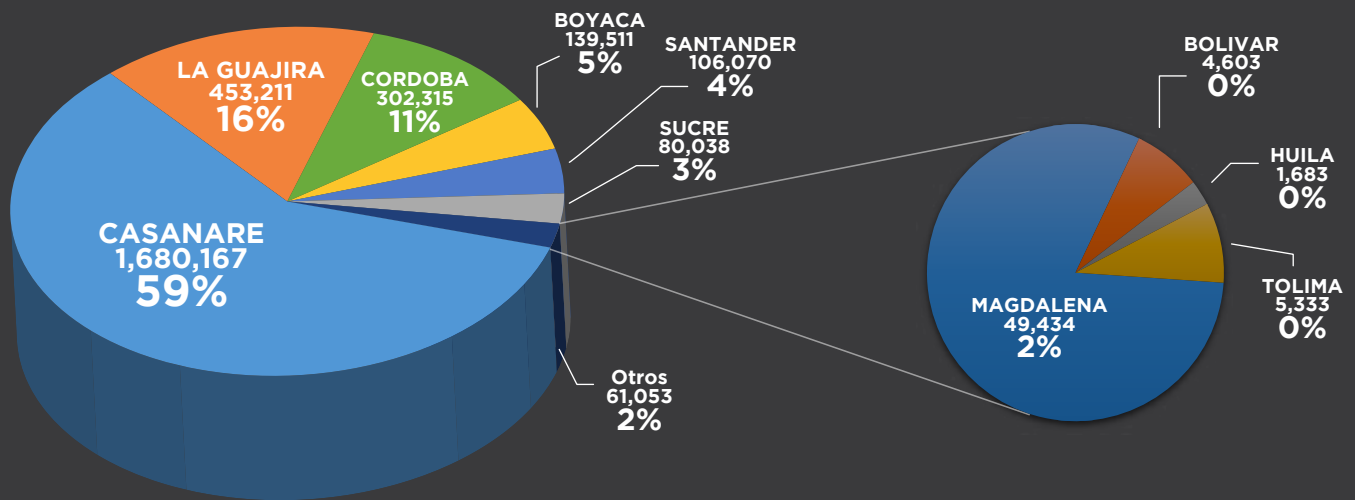


RESERVAS DE GAS NATURAL POR DEPARTAMENTO

Millones de pies cubicos / (Mpc)

Departamento	2014	2015	2016	2017	2018	2019	2020
CASANARE	2,604,138	2,475,162	2,347,031	2,271,316	2,216,125	1,894,200	1,680,167
LA GUAJIRA	1,088,898	986,832	866,394	715,502	583,846	486,033	453,211
SUCRE	470,005	229,365	219,267	196,831	305,715	96,121	80,038
BOYACA	4,928	21,489	159,839	180,819	176,382	153,519	139,511
SANTANDER	175,399	129,021	154,084	152,892	200,646	129,510	106,070
CORDOBA	72,561	257,745	150,319	154,041	157,881	300,630	302,315
MAGDALENA	154,819	34,496	55,199	51,043	34,091	27,038	49,434
BOLIVAR	3,057	60,957	20,247	22,411	16,036	4,423	4,603
HUILA	9,003	6,334	19,092	24,816	22,138	6,176	1,683
TOLIMA	24,889	20,100	12,706	13,050	9,007	7,671	5,333
META	0	0	9,249	8,480	17,023	0	0
NORTE DE SANTANDER	13,071	11,274	4,443	30,643	17,119	21,451	28,686
CUNDINAMARCA	1,977	216	3,010	1,520	1,104	1,006	68
CESAR	404	0	1,404	67,301	17,356	15,464	22,026
ANTIOQUIA	0	0	1,392	2,710	1,703	0	0
No Definido	135,365	0	0	2,651	0	0	0
BOYACÁ/N. DE SANTANDER	0	128,337	0	0	0	0	0
ARAUCA					4,990	1,324	8,574
ATLANTICO					16,715	18,363	67,067
TOTAL ANUAL	4,758,514.0	4,361,328.6	4,023,674.1	3,896,025.8	3,797,876.8	3,162,929.0	2,948,786.0

RESERVAS DE GAS NATURAL Y PARTICIPACIÓN POR DEPARTAMENTO - 2020 (Mpc)



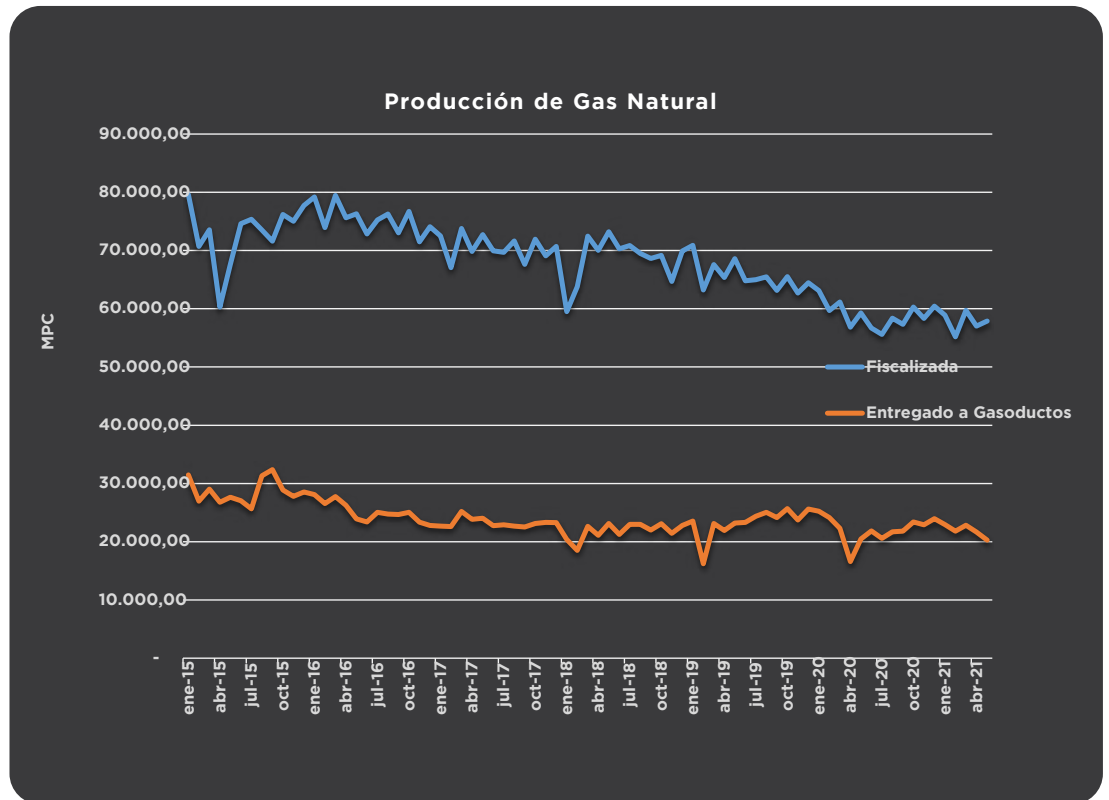
Fuente: Informes de Recursos y Reservas - IRR
 Agencia Nacional de Hidrocarburos - ANH



PRODUCCIÓN DE GAS NATURAL

Millones de pies cúbicos / (Mpc)

Fecha	Fiscalizada	Entregado a Gasoductos
ene-15	79.603,93	31.482,16
feb-15	70.696,54	26.986,97
mar-15	73.544,21	29.044,34
abr-15	60.306,27	26.789,31
may-15	67.669,02	27.656,40
jun-15	74.617,03	27.055,98
jul-15	75.349,12	25.663,16
ago-15	73.523,27	31.308,60
sep-15	71.581,70	32.380,63
oct-15	76.187,84	28.899,38
nov-15	75.012,61	27.807,38
dic-15	77.708,97	28.540,82
ene-16	79.197,76	28.109,59
feb-16	73.922,74	26.548,81
mar-16	79.464,59	27.762,67
abr-16	75.618,36	26.243,35
may-16	76.304,90	23.935,20
jun-16	72.839,53	23.408,29
jul-16	75.241,64	25.055,99
ago-16	76.241,80	24.760,87
sep-16	73.041,96	24.692,84
oct-16	76.695,88	25.060,99
nov-16	71.499,42	23.376,36
dic-16	74.076,44	22.788,97
ene-17	72.491,68	22.676,66
feb-17	67.064,03	22.611,43
mar-17	73.760,32	25.205,95
abr-17	69.825,79	23.858,21
may-17	72.734,48	24.033,21
jun-17	69.944,63	22.744,89
jul-17	69.680,63	22.896,39
ago-17	71.651,83	22.685,43
sep-17	67.620,51	22.529,76
oct-17	71.919,35	23.127,02
nov-17	69.067,34	23.344,12
dic-17	70.680,13	23.284,42
ene-18	59.503,44	20.386,88
feb-18	63.801,37	18.532,14
mar-18	72.453,34	22.636,82
abr-18	70.017,18	21.092,85
may-18	73.202,62	23.130,58
jun-18	70.295,28	21.251,59
jul-18	70.859,02	22.979,31
ago-18	69.496,98	22.970,06
sep-18	68.616,18	22.018,92
oct-18	69.163,40	23.118,05
nov-18	64.678,61	21.445,10
dic-18	69.900,82	22.792,02
ene-19	70.870,22	23.534,90
feb-19	63.221,94	16.224,83
mar-19	67.587,19	23.129,93
abr-19	65.343,85	21.947,12
may-19	68.573,84	23.225,03
jun-19	64.809,08	23.325,51
jul-19	65.000,14	24.375,56
ago-19	65.489,38	25.068,44
sep-19	63.126,97	24.135,44
oct-19	65.503,98	25.691,90
nov-19	62.690,27	23.747,27
dic-19	64.442,98	25.632,58
ene-20	63.112,23	25.255,35
feb-20	59.683,73	24.148,13
mar-20	61.168,31	22.313,55
abr-20	56.848,86	16.597,18
may-20	59.259,52	20.454,87
jun-20	56.690,20	21.878,71
jul-20	55.607,22	20.601,89
ago-20	58.365,03	21.699,85
sep-20	57.314,60	21.831,11
oct-20	60.303,49	23.396,27
nov-20	58.347,37	22.915,52
dic-20	60.431,75	23.974,77
ene-21	58.896,61	22.933,48
feb-21	55.171,41	21.823,59
mar-21	59.710,00	22.847,52
abr-21	57.035,48	21.672,71
may-21	57.900,46	20.285,22



Fuente: Informes de Recursos y Reservas - IRR
 Agencia Nacional de Hidrocarburos - ANH

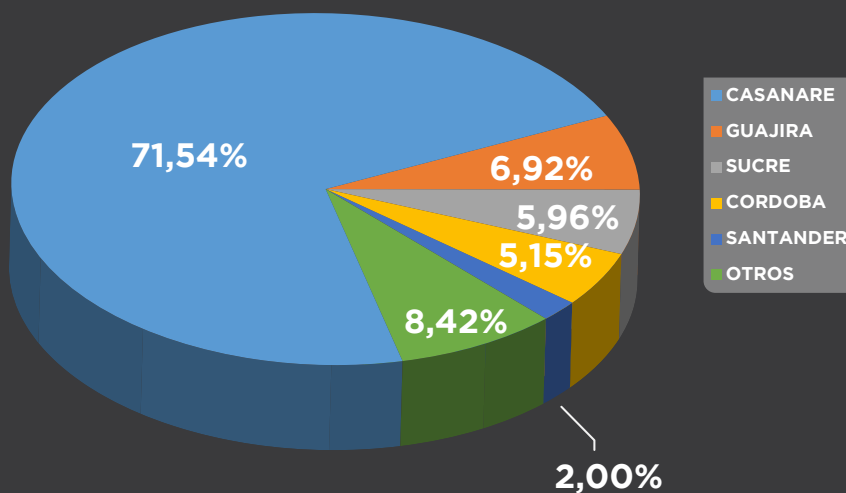


PRODUCCIÓN DE GAS NATURAL POR DEPARTAMENTO

[MPC]

Departamento	2015	2016	2017	2018	2019	2020	2021*
CASANARE	633.906,89	656.195,74	608.634,58	467.593,69	567.285,71	505.910,15	204.223,97
GUAJIRA	160.177,90	125.508,85	101.939,29	187.054,69	67.936,40	48.925,10	19.466,79
SUCRE	18.935,52	22.059,44	27.410,27	33.856,48	36.105,84	42.177,26	18.456,69
CORDOBA	7.599,92	20.527,11	23.229,04	26.303,08	33.827,86	36.386,03	14.739,89
SANTANDER	20.614,51	19.785,39	18.204,26	16.813,52	14.454,08	14.175,94	5.665,56
DEPARTAMENTO NN	11.567,54	13.170,62	14.862,58	13.428,58	12.982,81	11.892,29	6.135,16
META	8.305,59	8.543,83	8.250,74	7.300,70	6.240,80	5.293,72	2.608,38
MAGDALENA	3.469,65	5.582,74	6.726,72	4.084,61	5.227,50	4.173,78	1.675,69
HUILA	7.548,55	6.733,46	6.376,48	6.122,86	5.085,40	4.832,03	1.988,79
PUTUMAYO	6.926,44	5.807,77	5.801,50	4.807,68	3.897,28	2.374,68	906,89
BOYACA	4.806,99	5.442,09	6.064,15	6.966,95	6.530,87	4.046,83	1.626,40
CESAR	2.346,73	3.661,92	5.765,71	5.704,81	8.164,39	6.403,60	2.392,77
TOLIMA	4.410,43	3.145,32	4.235,61	4.221,92	3.649,23	3.197,32	1.093,60
BOLIVAR	2.815,15	2.256,73	1.984,71	1.631,46	2.324,80	2.327,55	1.032,63
NORTE DE SANTANDER	1.763,73	807,52	1.864,58	1.883,66	1.606,75	1.774,00	743,64
ARAUCA	1.739,73	1.505,33	1.294,42	1.932,79	3.303,04	3.375,59	1.537,22
ANTIOQUIA	886,77	805,02	961,22	747,13	680,26	615,55	273,96
NARIÑO	661,40	867,32	726,97	529,25	637,59	167,75	7,63
CUNDINAMARCA	960,36	1.041,07	725,04	612,12	475,20	363,99	50,96
ATLANTICO	149,96	696,17	1.159,31	2.371,38	6.243,73	8.710,83	4.087,39
CAUCA	2,87	1,59	1,25	1,19	0,26	0,15	0,00
TOTAL PRODUCCIÓN	899.596,61	904.145,01	846.218,43	793.968,53	786.659,83	707.124,13	288.714,01

PARTICIPACIÓN POR DEPARTAMENTO EN LA PRODUCCIÓN DE GN2020



Fuente: Agencia Nacional de Hidrocarburos - ANH
 * Información parcial hasta mayo de 2021

VOLUMEN DE CONSUMO GAS NATURAL

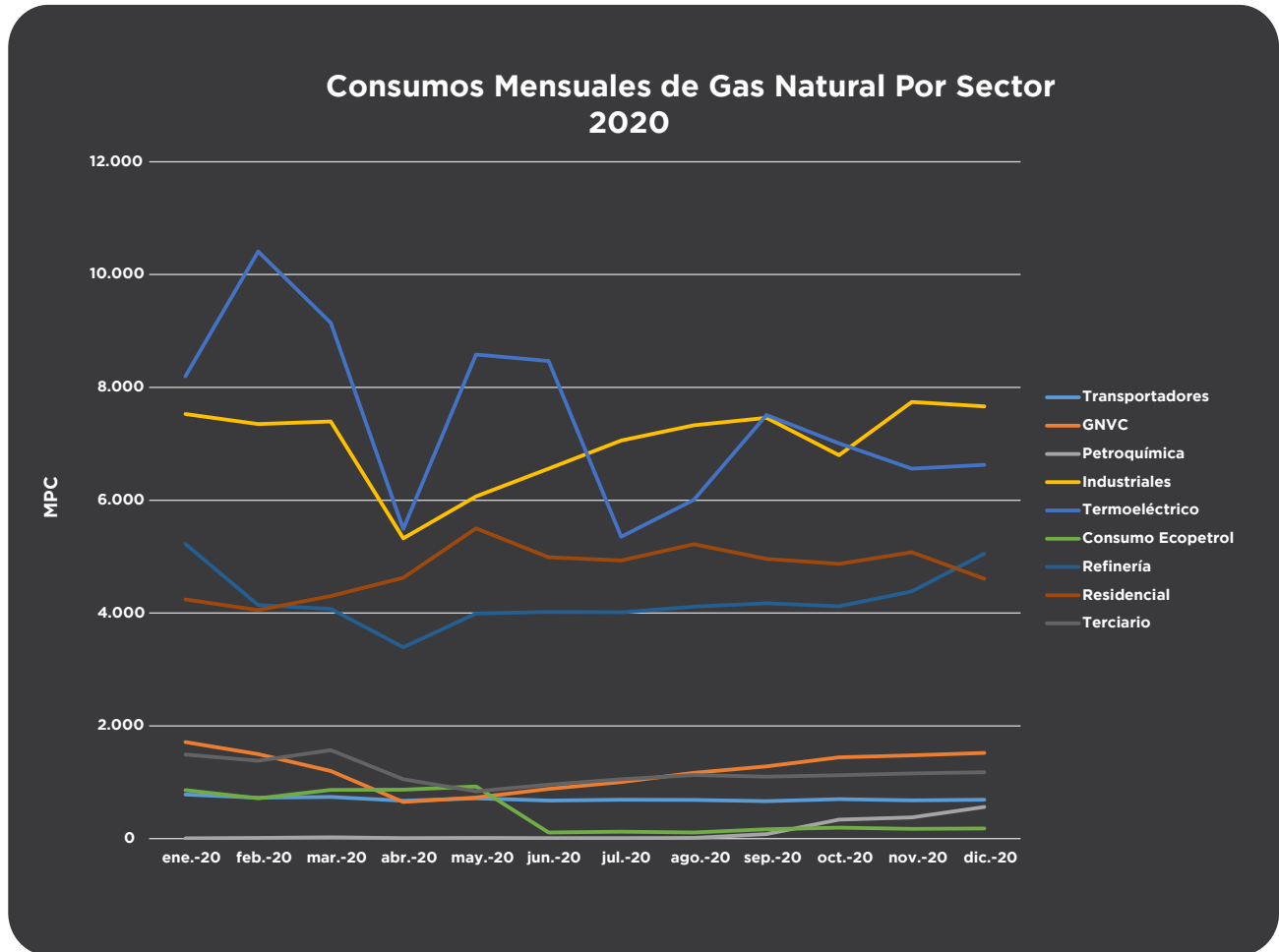
MPC

Fecha	Transportadores	GNVC	Petroquímica	Industriales	Termoeléctrico	Consumo Ecopetrol	Refinería	Residencial	Terciario	Total
ene.-15	686,13	2.181,60	638,57	7.294,73	10.440,89	649,04	2.610,05	3.533,10	1.361,12	29.395,22
feb.-15	620,47	2.247,23	588,48	7.666,73	8.430,68	501,88	2.659,39	3.691,98	1.172,43	27.579,26
mar.-15	686,57	2.350,04	659,80	8.038,24	9.130,85	619,84	3.117,15	3.563,43	1.205,02	29.370,94
abr.-15	664,37	2.476,48	631,54	8.078,87	7.357,62	496,17	2.825,93	3.851,83	1.200,89	27.583,70
may.-15	704,88	2.394,00	630,65	8.605,94	9.969,81	646,81	2.827,37	3.724,17	1.159,17	30.662,80
jun.-15	663,74	2.257,67	607,02	8.454,12	8.720,02	636,58	3.186,84	3.773,39	1.260,17	29.559,55
jul.-15	685,42	2.289,78	539,81	8.340,59	9.480,70	388,12	3.242,57	3.796,46	1.174,68	29.938,13
ago.-15	685,50	2.313,41	555,19	8.362,05	8.107,18	505,46	2.944,28	3.811,77	1.183,81	28.468,66
sep.-15	673,71	2.317,84	469,51	8.186,03	10.598,84	490,44	3.254,67	3.827,81	1.309,42	31.128,27
oct.-15	705,29	2.290,26	504,67	7.667,00	11.053,96	483,97	3.682,62	3.781,00	1.308,32	31.477,09
nov.-15	678,65	2.291,91	255,16	7.811,00	9.970,67	550,64	4.209,87	3.868,34	1.461,43	31.097,68
dic.-15	687,35	2.158,11	266,15	7.613,09	11.070,50	554,80	4.058,25	3.708,90	1.227,04	31.344,19
ene.-16	687,79	2.077,47	281,21	7.453,35	11.854,06	499,88	4.332,87	3.665,74	1.278,88	32.131,25
feb.-16	642,89	2.031,83	558,43	7.355,35	10.257,19	568,41	3.954,16	3.560,16	1.227,01	30.155,42
mar.-16	684,49	2.070,28	613,31	7.418,74	10.905,68	574,92	4.363,51	3.682,69	1.268,19	31.581,82
abr.-16	677,02	2.070,58	414,08	7.334,68	8.904,79	493,93	4.745,53	3.757,04	1.258,77	29.656,43
may.-16	720,25	2.140,37	541,38	7.711,31	7.314,97	602,37	5.000,29	3.846,02	1.316,65	29.193,61
jun.-16	690,69	1.964,41	373,91	7.393,12	7.214,41	555,10	4.244,05	3.844,83	1.303,78	27.584,30
jul.-16	710,28	2.014,43	620,59	7.721,61	5.863,14	586,23	4.683,21	3.806,31	1.294,32	27.300,13
ago.-16	715,54	2.035,60	576,21	7.768,17	6.624,04	597,39	4.385,97	3.833,27	1.346,53	27.882,73
sep.-16	695,27	1.984,32	576,87	7.847,56	6.844,02	570,02	4.822,89	4.011,78	1.414,89	28.767,62
oct.-16	717,07	2.002,49	495,58	7.857,74	6.782,24	604,13	5.145,98	3.967,46	1.402,03	28.974,73
nov.-16	693,70	1.938,03	587,99	7.981,23	5.866,50	574,57	4.909,54	3.972,73	1.371,91	27.896,20
dic.-16	724,74	2.032,70	529,02	7.389,82	5.431,17	583,78	4.963,39	3.945,17	1.417,05	27.016,83
ene.-17	717,50	1.857,54	509,17	7.550,75	4.804,04	593,58	4.699,46	3.973,51	1.181,24	25.886,79
feb.-17	654,05	1.767,60	510,24	6.833,71	5.287,55	593,13	4.179,69	3.585,80	1.183,29	24.595,06
mar.-17	725,78	1.849,79	521,84	6.975,05	5.393,60	669,49	4.445,45	3.975,83	1.325,14	25.881,97
abr.-17	689,14	1.763,75	504,71	6.755,36	5.236,11	646,14	4.426,19	4.154,10	1.359,34	25.534,84
may.-17	718,79	1.800,16	487,61	6.849,25	4.780,07	677,86	4.708,22	4.052,95	1.334,94	25.409,84
jun.-17	689,79	1.806,77	487,61	6.880,75	4.731,76	648,19	3.959,53	4.063,84	1.384,91	24.653,15
jul.-17	704,05	1.790,49	693,74	7.468,51	4.825,36	693,69	4.352,17	4.101,56	1.323,69	25.953,27
ago.-17	706,12	1.782,33	670,85	7.907,87	5.097,51	715,84	5.181,75	4.104,19	1.374,67	27.541,13
sep.-17	712,49	1.776,29	621,09	7.773,48	5.105,83	688,85	5.145,98	4.138,37	1.380,18	27.342,56
oct.-17	723,42	1.755,73	442,59	7.873,11	5.427,36	702,61	5.100,69	4.155,64	1.390,63	27.571,77
nov.-17	704,71	1.726,85	341,81	7.830,96	5.800,06	688,95	5.011,25	4.202,53	1.411,71	27.718,82
dic.-17	734,59	1.845,43	390,45	7.467,04	5.369,83	674,53	5.596,00	4.053,71	1.395,39	27.526,97
ene.-18	719,20	1.545,75	575,99	7.044,09	4.797,46	634,15	5.051,67	4.018,89	1.396,70	25.783,90
feb.-18	712,79	1.520,38	566,40	6.776,73	7.389,43	792,68	4.553,98	3.758,77	1.260,92	27.332,07
mar.-18	728,25	1.590,50	541,62	6.702,00	7.155,91	824,82	5.093,24	3.990,68	1.435,86	28.962,89
abr.-18	728,26	1.585,54	467,79	6.992,73	5.651,28	743,96	5.073,30	4.162,90	1.403,23	26.808,99
may.-18	774,71	1.611,33	659,13	7.473,77	6.526,00	768,73	5.223,30	4.251,17	1.485,62	28.773,76
jun.-18	761,82	1.517,41	498,91	6.895,36	6.863,65	786,50	3.968,08	4.263,00	1.464,49	27.019,23
jul.-18	753,96	1.606,79	618,69	7.486,08	6.619,15	522,82	4.411,43	4.069,47	1.426,07	27.514,44
ago.-18	777,36	1.645,58	553,67	7.487,22	6.700,11	686,70	4.147,93	4.257,40	1.508,28	27.764,26
sep.-18	740,15	1.578,38	456,99	7.478,13	6.599,20	718,01	3.994,04	4.217,66	1.467,55	27.250,10
oct.-18	757,08	1.666,32	580,56	7.629,75	6.414,20	812,24	4.396,78	4.186,62	1.513,44	27.957,00
nov.-18	721,40	1.664,74	705,49	7.934,29	6.069,86	782,92	4.858,96	4.352,06	1.554,38	28.644,11
dic.-18	760,69	1.713,86	312,10	7.601,31	6.045,67	218,80	5.514,86	4.064,28	1.495,84	27.727,41
ene.-19	761,67	1.538,84	536,61	7.333,05	7.025,22	905,51	5.004,02	4.164,54	1.450,80	28.720,26
feb.-19	702,24	1.502,76	549,08	6.437,76	6.532,40	683,76	4.292,40	3.858,40	1.345,40	25.904,20
mar.-19	758,88	1.564,26	581,87	7.276,32	5.631,77	773,45	4.631,09	4.197,71	1.409,88	26.825,23
abr.-19	735,30	1.521,90	468,30	7.079,10	5.383,80	123,90	4.686,90	4.244,40	1.563,30	25.806,90
may.-19	757,95	1.556,82	569,47	7.037,93	4.898,31	868,31	4.945,43	4.278,31	1.563,33	26.475,86
jun.-19	723,90	1.362,00	526,20	6.845,40	5.142,60	852,60	5.189,10	4.362,00	1.714,20	26.718,00
jul.-19	696,26	1.461,65	593,03	6.703,75	5.219,78	999,75	4.849,02	4.047,05	1.533,26	26.103,55
ago.-19	741,52	1.612,93	552,73	7.588,49	6.529,84	990,14	5.084,00	4.379,06	1.588,13	29.066,84
sep.-19	654,60	1.573,20	542,70	7.518,00	6.407,70	951,90	4.866,00	4.326,60	1.546,50	28.387,20
oct.-19	740,90	1.561,16	533,82	7.633,75	7.121,32	952,01	4.823,91	4.288,85	1.599,91	29.255,63
nov.-19	699,60	1.560,00	525,90	7.490,10	6.221,10	904,50	4.082,70	4.526,70	1.661,70	27.672,30
dic.-19	771,28	1.637,42	527,31	7.537,65	7.908,72	835,45	4.838,79	4.379,68	1.576,35	30.012,65
ene.-20	781,56	1.714,38	6,46	7.527,47	8.196,11	860,55	5.225,83	4.241,11	1.490,83	30.044,29
feb.-20	726,33	1.499,41	12,69	7.349,92	10.410,27	714,97	4.142,93	4.050,87	1.380,09	30.287,50
mar.-20	741,12	1.198,20	25,36	7.396,59	9.144,34	863,78	4.075,01	4.300,41	1.569,68	29.314,49
abr.-20	672,93	651,87	9,96	5.323,03	5.489,92	868,32	3.392,54	4.626,42	1.054,38	22.089,36
may.-20	717,11	728,05	12,77	6.067,88	8.581,67	925,64	3.990,76	5.502,76	841,19	27.367,84
jun.-20	678,15	882,03	10,92	6.559,34	8.470,13	111,43	4.020,89	4.990,49	956,69	26.680,08
jul.-20	689,34	1.004,83	9,83	7.058,57	5.351,49	125,42	4.014,37	4.931,53	1.055,02	24.240,40
ago.-20	688,65	1.168,28	12,66	7.329,19	6.009,17	111,56	4.113,12	5.219,73	1.128,94	25.781,31
sep.-20	664,37	1.282,69	81,98	7.459,41	7.509,33	168,26	4.172,25	4.961,52	1.099,95	27.399,76
oct.-20	700,95	1.440,99	336,51	6.799,39	7.009,03	196,11	4.121,78	4.871,99	1.124,78	26.601,53
nov.-20	678,43	1.478,22	377,24	7.741,51	6.561,17	174,40	4.383,59	5.078,94	1.156,02	27.629,51
dic.-20	690,75	1.521,64	561,12	7.662,42	6.626,75	180,51	5.054,17	4.609,47	1.178,28	28.085,11
ene.-21										0,00
feb.-21										0,00
mar.-21										0,00
abr.-21										0,00
may.-21										0,00
jun.-21										0,00



VOLÚMEN DE CONSUMO GAS NATURAL

MPC



COBERTURA DE GAS NATURAL POR DEPARTAMENTO

2006 - JUN 2020

Departamento	2015	2016	2017	2018	2019	2020	2021*
VALLE DEL CAUCA	98%	101%	102%	106%	79%	82%	76%
BOGOTA	90%	99%	99%	96%	96%	97%	97%
BOYACA	97%	95%	96%	92%	94%	91%	91%
SANTANDER	88%	85%	90%	82%	89%	83%	83%
ATLANTICO	90%	90%	90%	88%	88%	95%	94%
SUCRE	91%	66%	89%	89%	91%	96%	96%
HUILA	87%	89%	89%	91%	92%	93%	93%
BOLIVAR	95%	68%	87%	88%	92%	94%	94%
CESAR	84%	86%	87%	89%	89%	98%	98%
CAQUETA	84%	84%	85%	89%	90%	92%	92%
CORDOBA	86%	61%	85%	86%	88%	92%	93%
META	90%	89%	85%	83%	84%	79%	79%
QUINDIO	91%	96%	84%	105%	81%	83%	84%
CUNDINAMARCA	89%	83%	83%	84%	75%	80%	81%
MAGDALENA	82%	82%	83%	82%	82%	97%	97%
LA GUAJIRA	79%	79%	79%	80%	81%	97%	97%
TOLIMA	77%	79%	79%	78%	78%	75%	75%
CALDAS	79%	82%	79%	81%	64%	77%	78%
RISARALDA	70%	75%	79%	83%	76%	63%	64%
CASANARE	59%	62%	78%	78%	80%	70%	70%
ANTIOQUIA	72%	68%	70%	106%	65%	63%	60%
CAUCA	58%	63%	64%	71%	68%	74%	74%
N. DE SANTANDER	67%	69%	61%	73%	76%	83%	83%
PUTUMAYO	52%	55%	55%	60%	64%	99%	99%
GUAVIARE	57%	44%	40%	37%	39%	41%	41%
NARIÑO	13%	16%	17%	24%	30%	32%	33%
ARAUCA	0%	0%	0%	0%	9%	11%	11%
CHOCO	0%	0%	0%	0%	0%	0%	0%
SAN ANDRES	0%	0%	0%	0%	0%	0%	0%
VICHADA	0%	0%	0%	0%	0%	0%	0%
GUANIA	0%	0%	0%	0%	0%	0%	0%
VAUPES	0%	0%	0%	0%	0%	0%	0%
AMAZONAS	0%	0%	0%	0%	0%	0%	0%

Esta cobertura solo incluye los usuarios residenciales conectados

Fuente: Ministerio de Minas y Energía - MME

* Datos a marzo de 2021





TOTAL USUARIOS GAS NATURAL POR DEPARTAMENTO

2006 - JUN 2020

Departamento	2015	2016	2017	2018	2019	2020	2021*
BOGOTA	1.862.662	1.921.407	1.979.667	1.963.066	2.074.365	2.107.483	2.121.565
ANTIOQUIA	1.072.018	1.146.854	1.165.993	1.276.233	1.372.469	1.425.337	1.438.364
VALLE DEL CAUCA	978.237	1.016.636	1.025.948	1.082.433	1.140.771	1.168.083	1.175.998
CUNDINAMARCA	559.905	553.174	568.332	636.164	698.294	736.290	746.765
ATLANTICO	532.880	554.207	558.930	590.338	628.431	650.168	658.774
SANTANDER	379.284	402.544	431.920	346.265	459.402	473.290	477.836
BOLIVAR	330.648	357.438	358.968	393.092	416.921	427.214	430.812
TOLIMA	263.418	276.298	279.134	295.392	316.207	319.814	322.529
MAGDALENA	204.607	223.363	226.576	238.580	252.684	262.763	266.370
RISARALDA	203.149	216.688	219.813	239.663	257.262	268.482	271.744
HUILA	202.496	213.339	216.247	232.525	243.314	248.239	250.109
META	188.372	200.247	204.074	214.927	241.973	247.219	249.426
CORDOBA	188.432	200.798	201.462	213.242	225.727	231.556	233.587
CESAR	172.235	183.252	186.001	209.514	225.136	232.454	234.276
BOYACA	163.169	179.663	183.573	197.880	216.838	225.751	228.481
CALDAS	171.688	179.378	181.121	193.013	205.296	212.502	214.581
N. DE SANTANDER	160.795	177.054	156.233	206.845	223.293	236.311	239.498
QUINDIO	128.939	135.907	137.593	147.398	156.986	162.938	164.589
SUCRE	128.794	137.038	137.287	144.482	150.390	153.087	154.007
LA GUAJIRA		103.777	104.930	111.899	118.353	122.176	123.692
CAUCA	90.710	100.836	104.046	117.290	126.282	131.680	132.797
CASANARE	74.940	80.131	81.928	88.860	96.308	104.139	105.654
CAQUETA	35.598	37.586	38.065	41.631	43.387	44.312	44.668
NARIÑO	13.801	16.747	17.244	25.161	31.880	34.093	35.225
PUTUMAYO	9.334	9.757	9.852	12.204	13.128	13.583	13.777
GUAVIARE	3.475	3.827	3.922	4.523	4.988	5.234	5.303
ARAUCA	-	-	1.306	2.919	4.992	5.191	5.702
CHOCO	-	-	-	-	-	4.310	4.310
SAN ANDRES	-	-	-	-	-	-	-
VICHADA	-	-	-	-	-	-	-
GUANIA	-	-	-	-	-	-	-
VAUPES	-	-	-	-	-	-	-
AMAZONAS	-	-	-	-	-	-	-

El total de usuarios incluye usuarios comerciales e industriales

Datos sui Fuente: Ministerio de Minas y Energia - MME

* Datos a junio de 2020

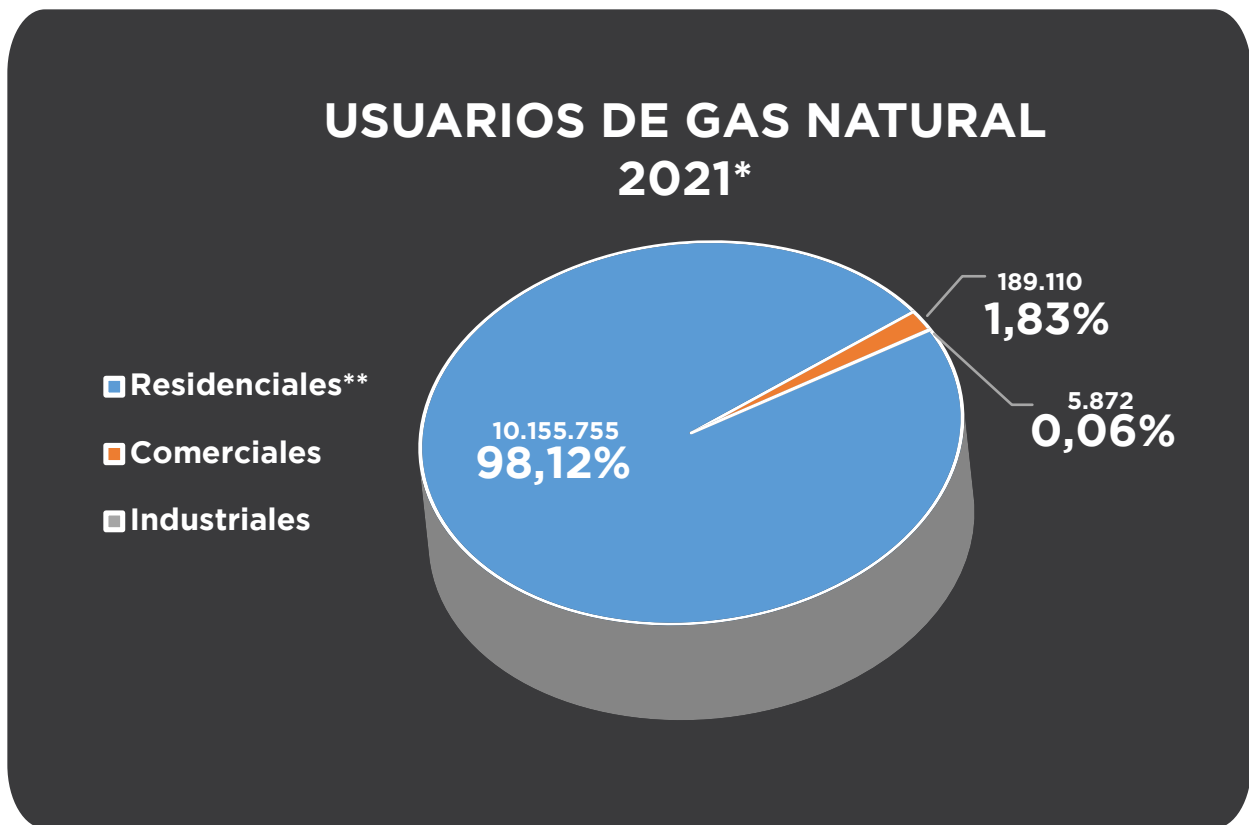


USUARIOS DE GAS NATURAL POR SECTOR

Marzo 2021

USUARIOS CONECTADOS CON GAS NATURAL	No. USUARIOS	PORCENTAJE DE PARTICIPACIÓN EN EL TOTAL DE USUARIOS CONECTADOS
Residenciales**	10.155.755	98,12%
Comerciales	189.110	1,83%
Industriales	5.872	0,06%
TOTAL USUARIOS CONECTADOS CON GAS NATURAL	10.350.737	100,00%

Fuente: MME Empresas Distribuidoras de Gas Natural



* Datos a marzo de 2021 (primer trimestre)

** No incluye 4,310 usuarios de chocó que están conectados pero no tienen servicio



NÚMERO TOTAL DE USUARIOS RESIDENCIALES CONECTADOS

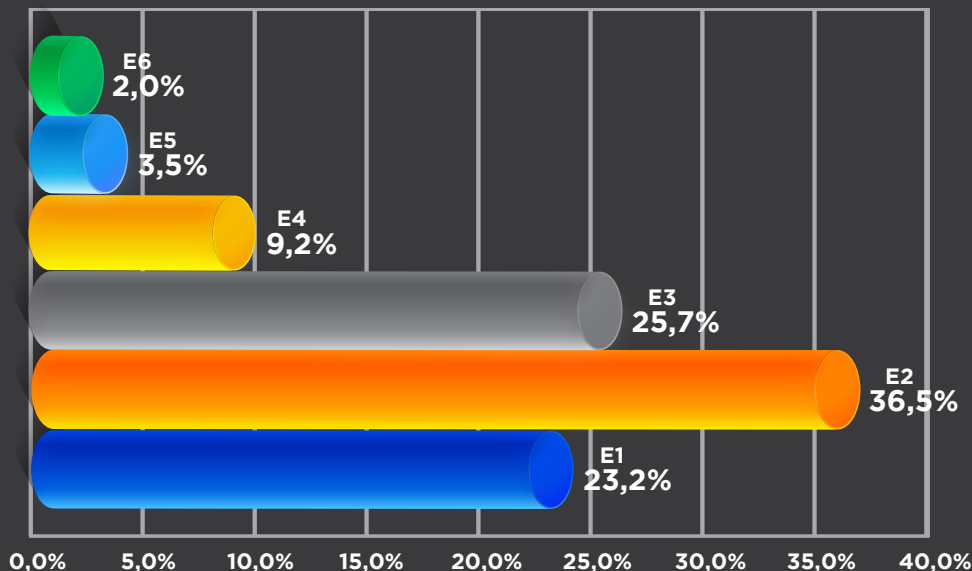
POR ESTRATO / Marzo 2021

E1	2.352.930	23,2%
E2	3.705.354	36,5%
E3	2.610.538	25,7%
E4	932.813	9,2%
E5	350.894	3,5%
E6	203.225	2,0%
TOTAL**	10.155.755	100%

Fuente: MME Empresas Distribuidoras de Gas Natural

* Datos a marzo de 2021 (primer trimestre)

USUARIOS RESIDENCIALES CONECTADOS POR ESTRATO 2021*

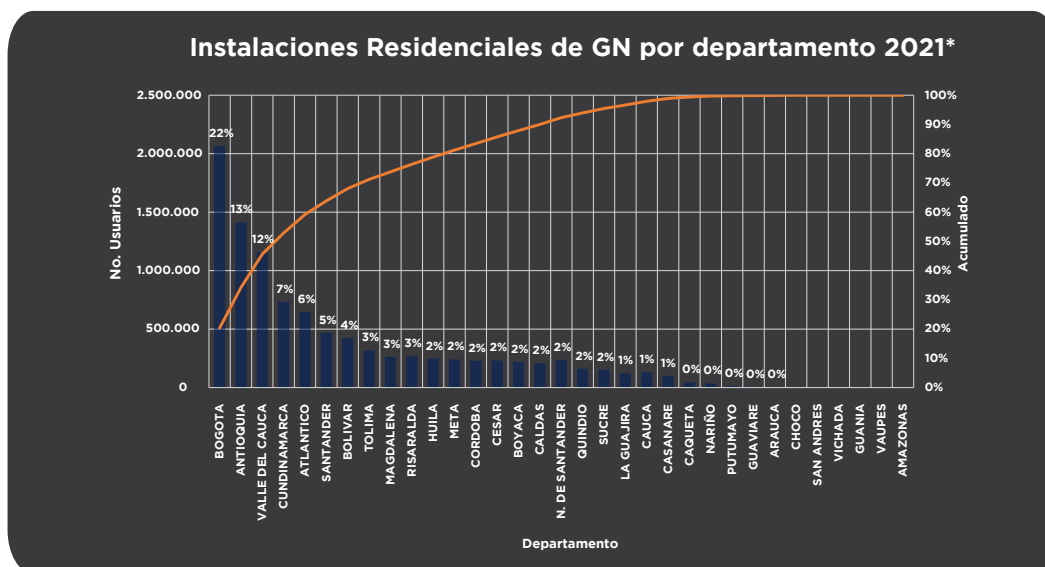


** No incluye 4,310 usuarios de chocó que están conectados pero no tienen servicio



INSTALACIONES RESIDENCIALES DE GN POR DEPARTAMENTO 2021

Departamento	Usuarios residenciales 2021	Participación %	% Acumulado
BOGOTA	2.065.913	20,3%	20,34%
ANTIOQUIA	1.413.096	13,9%	34,26%
VALLE DEL CAUCA	1.157.684	11,4%	45,66%
CUNDINAMARCA	733.230	7,2%	52,88%
ATLANTICO	647.057	6,4%	59,25%
SANTANDER	468.839	4,6%	63,87%
BOLIVAR	424.969	4,2%	68,05%
TOLIMA	317.955	3,1%	71,18%
MAGDALENA	262.725	2,6%	73,77%
RISARALDA	266.967	2,6%	76,40%
HUILA	247.682	2,4%	78,84%
META	241.244	2,4%	81,21%
CORDOBA	230.612	2,3%	83,48%
CESAR	231.809	2,3%	85,76%
BOYACA	220.652	2,2%	87,94%
CALDAS	210.391	2,1%	90,01%
N. DE SANTANDER	238.220	2,3%	92,35%
QUINDIO	161.534	1,6%	93,95%
SUCRE	151.535	1,5%	95,44%
LA GUAJIRA	121.747	1,2%	96,64%
CAUCA	131.568	1,3%	97,93%
CASANARE	101.388	1,0%	98,93%
CAQUETA	44.548	0,4%	99,37%
NARIÑO	35.132	0,3%	99,71%
PUTUMAYO	13.757	0,1%	99,85%
GUAVIARE	5.242	0,1%	99,90%
ARAUCA	5.651	0,1%	99,96%
CHOCO	4.310	0,0%	100%
SAN ANDRES	0	0,0%	100%
VICHADA	0	0,0%	100%
GUANIA	0	0,0%	100%
VAUPES	0	0,0%	100%
AMAZONAS	0	0,0%	100%
TOTAL	10.155.457	100,0%	



Fuente: MME Empresas Distribuidoras de Gas Natural
 * Datos a marzo de 2021 (primer trimestre)

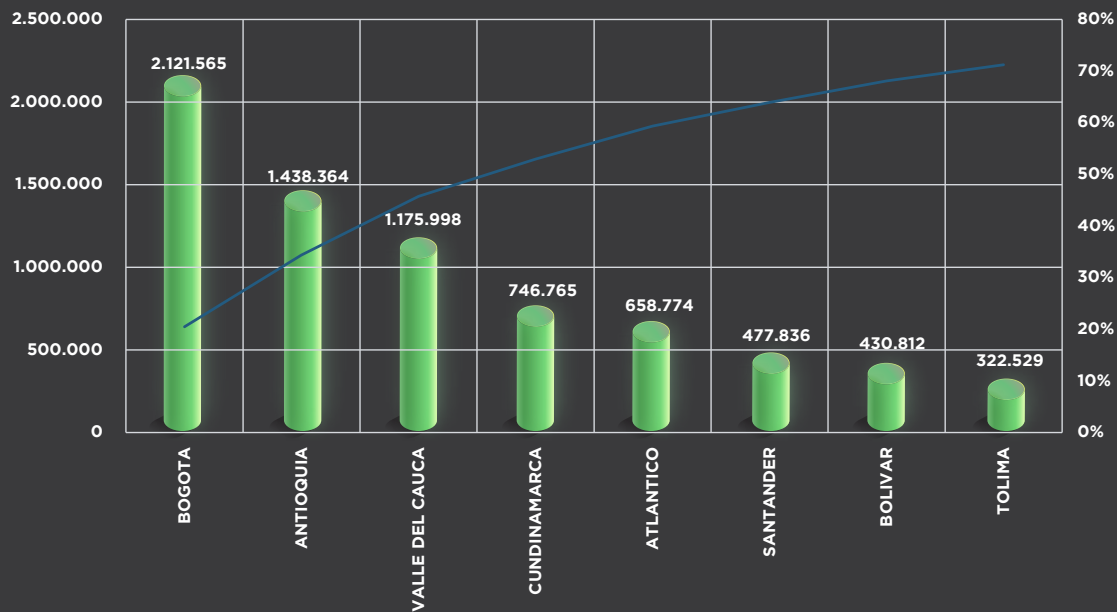


TOTAL USUARIOS GN POR DEPARTAMENTO

Marzo 2021

Departamento	Usuarios	Participación %	% Acumulado
BOGOTA	2,121,565	20.5%	20.5%
ANTIOQUIA	1,438,364	13.9%	34.4%
VALLE DEL CAUCA	1,175,998	11.4%	45.8%
CUNDINAMARCA	746,765	7.2%	53.0%
ATLANTICO	658,774	6.4%	59.3%
SANTANDER	477,836	4.6%	64.0%
BOLIVAR	430,812	4.2%	68.1%
TOLIMA	322,529	3.1%	71.2%
OTROS	2,978,094	28.8%	100.0%
TOTAL	10,350,737	100.0%	

USUARIOS CONECTADOS POR DEPARTAMENTO 2021*



Fuente: MME Empresas Distribuidoras de Gas Natural
 * Datos a marzo de 2021 (primer trimestre)

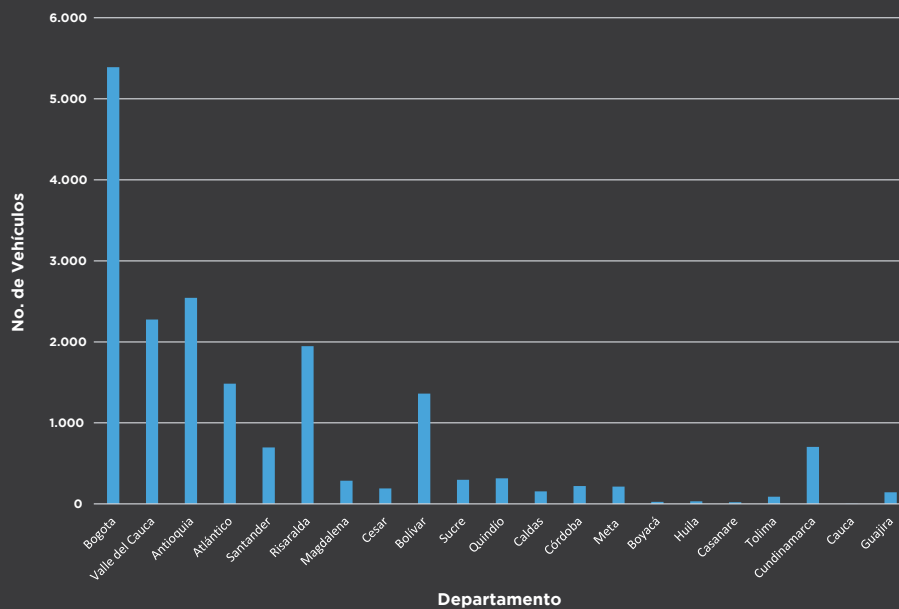


VEHÍCULOS CONVERTIDOS A GNV

Por Depto

Departamento		2016	2017	2018	2019	2020	TOTAL ACUMULADO TODOS LOS AÑOS	% de Participación por departamento del total acumulado
Bogotá	11,981	5,018	3,029	4,180	4,897	4,897	212,273	34.1%
Valle del Cauca	5,183	3,839	2,805	2,729	2,771	2,771	99,134	15.9%
Antioquia	2,059	1,732	1,902	2,423	4,218	4,218	68,607	11.0%
Atlántico	1,352	1,416	1,043	1,751	2,189	2,189	53,758	8.6%
Santander	643	657	723	943	1,169	1,169	28,056	4.5%
Risaralda	1,950	1,377	762	798	1,641	1,641	27,890	4.5%
Magdalena	481	457	265	622	692	692	20,534	3.3%
Cesar	106	245	270	418	410	410	16,280	2.6%
Bolívar	382	650	112	397	798	798	16,409	2.6%
Sucre	204	469	204	271	383	383	13,237	2.1%
Quindío	986	463	226	234	354	354	12,381	2.0%
Caldas	635	390	265	201	302	302	12,399	2.0%
Córdoba	310	733	228	193	335	335	11,170	1.8%
Meta	281	120	93	132	247	247	7,601	1.2%
Boyacá	165	85	37	34	23	23	6,064	1.0%
Huila	90	41	24	31	54	54	5,783	0.9%
Casanare	98	49	53	28	0	0	3,446	0.6%
Tolima	169	41	18	27	134	134	2,276	0.4%
Cundinamarca	403	159	3	8	20	20	2,751	0.4%
Cauca	76	26	9	4	0	0	1,996	0.3%
Guajira	97	3	10	0	0	0	684	0.1%
TOTAL	27,651	17,970	12,081	15,424	20,637	20,637	622,729	100%

VEHÍCULOS CONVERTIDOS A GNV POR DEPARTAMENTO 2020



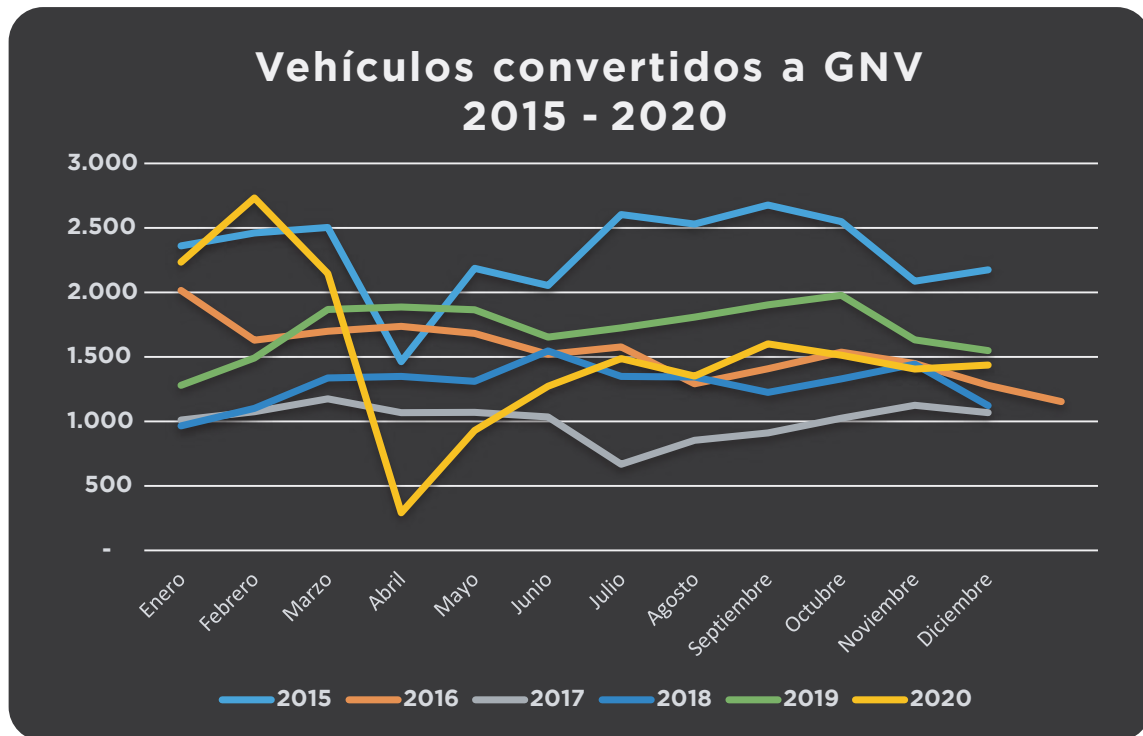
Fuente: Ministerio de Minas y Energía
GNV: Gas Natural Vehicular



VEHÍCULOS CONVERTIDOS A GNV

Mensual

Mes	2015	2016	2017	2018	2019	2020
Enero	2,360	1,631	1,010	966	1,281	2,235
Febrero	2,461	1,700	1,074	1,102	1,491	2,732
Marzo	2,503	1,738	1,174	1,336	1,868	2,146
Abril	1,462	1,683	1,068	1,348	1,886	292
Mayo	2,187	1,521	1,070	1,311	1,865	929
Junio	2,054	1,578	1,035	1,547	1,654	1,273
Julio	2,604	1,292	667	1,348	1,724	1,488
Agosto	2,531	1,408	854	1,343	1,808	1,352
Septiembre	2,677	1,537	910	1,226	1,903	1,601
Octubre	2,549	1,448	1,026	1,329	1,977	1,513
Noviembre	2,088	1,280	1,125	1,445	1,632	1,407
Diciembre	2,175	1,154	1,068	1,123	1,548	1,436
TOTAL AÑO	27,651	17,970	12,081	15,424	20,637	18,404



Fuente: Ministerio de Minas y Energía
GNV: Gas Natural Vehicular



RESERVAS PROBADAS DE CRUDO

MILES DE MILLONES DE BARRILES

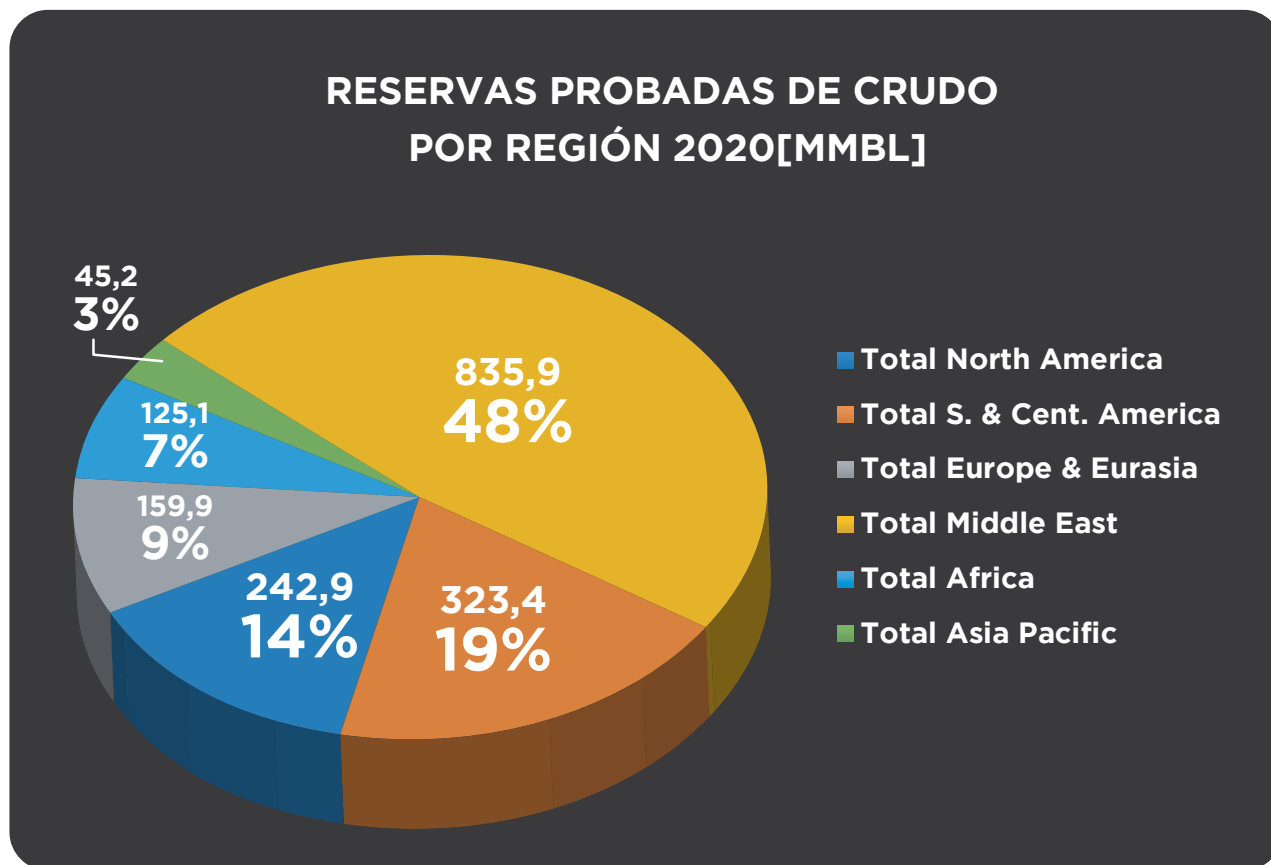
País	2012	2013	2014	2015	2016	2017	2018	2019	2020	Tasa de crecimiento anual 2020
US	44.2	48.5	55.0	48.0	50.0	61.2	61.2	68.9	68.8	-0.2%
Canada	173.7	173.0	172.2	171.5	170.5	168.9	167.8	169.7	168.1	-0.9%
Mexico	11.4	11.1	10.8	8.0	7.2	7.7	7.7	5.8	6.1	4.7%
Total North America	229.3	232.6	237.9	227.5	227.7	237.8	236.7	244.4	242.9	-0.6%
Argentina	2.4	2.3	2.4	2.4	2.2	2.0	2.0	2.4	2.5	4.0%
Brazil	15.3	15.6	16.2	13.0	12.6	12.8	13.4	12.7	11.9	-6.2%
Colombia	2.2	2.4	2.4	2.3	2.0	1.7	1.8	2.0	2.0	3.9%
Ecuador	8.4	8.2	3.0	3.1	3.2	3.0	2.8	1.6	1.3	-20.2%
Peru	1.4	1.6	1.4	1.2	1.2	1.0	1.0	0.9	0.7	-13.1%
Trinidad & Tobago	0.8	0.8	0.8	0.7	0.2	0.2	0.2	0.2	0.2	-
Venezuela	297.7	298.3	300.0	300.9	302.3	302.8	303.3	303.8	303.8	-
Other S. & Cent. America	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.8	50.9%
Total S. & Cent. America	328.8	329.8	326.8	324.1	324.2	324.0	325.1	324.1	323.4	-0.2%
Azerbaijan	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	-
Denmark	0.7	0.7	0.6	0.5	0.4	0.4	0.4	0.4	0.4	-2.9%
Italy	0.6	0.6	0.6	0.6	0.5	0.6	0.6	0.6	0.6	9.5%
Kazakhstan	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	-
Norway	7.5	7.0	6.5	8.0	7.6	7.9	8.6	8.5	7.9	-7.3%
Romania	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	-
Russian Federation	105.5	105.0	103.2	102.4	106.2	106.3	106.2	107.2	107.8	0.6%
Turkmenistan	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	-
United Kingdom	3.0	3.0	2.8	2.5	2.3	2.5	2.5	2.7	2.5	-7.4%
Uzbekistan	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	-
Other Europe & Eurasia	2.0	2.0	2.0	1.9	1.9	1.9	1.8	1.9	1.8	-1.8%
Total Europe & Eurasia	158.2	157.2	154.5	154.8	157.8	158.4	159.0	160.1	159.9	-0.1%
Iran	157.3	157.8	157.5	158.4	157.2	155.6	155.6	155.6	157.8	1.4%
Iraq	140.3	144.2	143.1	142.5	148.8	147.2	147.2	145.0	145.0	-
Kuwait	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	-
Oman	5.5	5.0	5.2	5.3	5.4	5.4	5.4	5.4	5.4	-
Qatar	25.2	25.1	25.7	25.2	25.2	25.2	25.2	25.2	25.2	-
Saudi Arabia	265.9	265.9	266.6	266.5	266.2	296.0	297.7	297.6	297.5	-0.000171384
Syria	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	-
United Arab Emirates	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	-
Yemen	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	-
Other Middle East	0.3	0.3	0.2	0.2	0.1	0.1	0.2	0.2	0.2	-10.8%
Total Middle East	799.3	803.0	803.1	802.9	807.7	834.3	836.1	833.8	835.9	0.3%
Algeria	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	-
Angola	12.7	12.7	8.4	9.5	9.5	8.4	8.4	8.2	7.8	-4.6%
Chad	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	-
Republic of Congo	1.6	1.6	1.6	1.6	1.6	1.6	3.0	2.9	2.9	-3.4%
Egypt	4.2	3.9	3.7	3.5	3.4	3.3	3.3	3.1	3.1	2.3%
Equatorial Guinea	1.7	1.7	1.1	1.1	1.1	1.1	1.1	1.1	1.1	-
Gabon	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	-
Libya	48.5	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	-
Nigeria	37.1	37.1	37.4	37.1	37.5	37.5	37.5	37.0	36.9	-0.2%
South Sudan	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	-
Sudan	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	-
Tunisia	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	-
Other Africa	3.7	3.7	3.8	4.0	4.0	3.9	3.9	3.9	3.8	-2.5%
Total Africa	130.6	130.1	125.5	126.3	126.5	125.3	125.3	125.7	125.1	-0.5%
Australia	3.9	4.0	4.0	4.0	4.0	4.0	4.0	2.4	2.4	-
Brunei	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	-
China	24.4	24.7	25.2	25.6	25.7	25.9	25.9	26.2	26.0	-0.9%
India	5.7	5.7	5.7	4.8	4.7	4.5	4.5	4.7	4.5	-2.5%
Indonesia	3.7	3.7	3.6	3.6	3.3	3.2	3.2	2.5	2.4	-1.8%
Malaysia	3.7	3.8	3.8	3.6	3.0	3.0	3.0	2.8	2.7	-3.7%
Thailand	0.4	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	-13.6%
Vietnam	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	-
Other Asia Pacific	1.1	1.3	1.2	1.3	1.2	1.2	1.2	1.4	1.3	-2.2%
Total Asia Pacific	48.5	49.1	49.5	48.8	47.7	47.7	47.6	45.7	45.2	-1.2%
Total World	1694.6	1701.8	1706.5	1691.5	1706.7					
of which: OECD	246.4	249.2	253.7	244.3	243.8	254.4	254.0	260.1	260.0	-0.1%
Non-OECD	1448.2	1452.5	1443.5	1440.0	1447.8	1473.1	1475.8	1473.7	1472.4	-0.1%
OPEC	1204.6	1209.1	1206.3	1207.7	1214.4	1240.2	1242.2	1214.7	1216.0	0.1%
Non-OPEC	490.0	492.7	490.9	476.6	477.2	487.3	487.5	519.2	516.4	-0.5%
European Union	6.0	5.8	5.6	5.1	4.7	4.9	4.8	5.0	2.4	-52.0%
CIS	144.2	143.7	141.6	140.8	144.6	144.7	144.7	145.7	146.2	0.4%
Canadian Oil Sands: Total	167.8	167.1	166.2	165.3	164.4	163.4	162.3	162.4	161.4	-0.6%
of which: Under active development	25.8	25.2	23.6	23.9	23.0	22.0	20.9	20.1	18.9	-6.2%
Venezuela: Orinoco Belt	220.0	220.5	258.7	259.5	261.3	260.9	261.4	261.8	261.8	-

•Less than 0.05%. **Notes: Total proved reserves of oil** - Generally taken to be those quantities that geological and engineering information indicates with reasonable certainty can be recovered in the future from known reservoirs under existing economic and operating conditions. The data series for total proved oil does not necessarily meet the definitions, guidelines and practices used for determining proved reserves at company level, for instance as published by the US Securities and Exchange Commission, nor does it necessarily represent BP's view of proved reserves by country. Reserves-to-production (R/P) ratio - If the reserves remaining at the end of any year are divided by the production in that year, the result is the length of time that those remaining reserves would last if production were to continue at that rate. **Source of data** - The estimates in this table have been compiled using a combination of primary official sources, third-party data from the OPEC Secretariat, World Oil, Oil & Gas Journal and an independent estimates of Russian reserves based on official data and Chinese reserves based on information in the public domain. Canadian oil sands 'under active development' are an official estimate. Venezuelan Orinoco Belt reserves are based on the OPEC Secretariat and government announcements. **Reserves include gas condensate and natural gas liquids (NGLs) as well as crude oil. Annual changes and shares of total are calculated using thousand million barrels figures.** Fuente: Análisis estadístico de BP. Statistical Review of World Energy - 2020



RESERVAS PROBADAS DE CRUDO

MILES DE MILLONES DE BARRILES





PRODUCCIÓN MUNDIAL DE CRUDO

MILES DE BARRILES DÍA CALENDARIO [KBDC]

País	2012	2013	2014	2015	2016	2017	2018	2019	2020	Tasa de crecimiento anual 2020
US	8,893.71	10,072.58	11,773.18	12,772.92	12,339.92	13,134.74	15,310.69	17,044.60	16,475.72	-3.3%
Canada	3,740.24	4,000.41	4,270.53	4,388.14	4,450.80	4,798.19	5,208.37	5,650.77	5,135.48	-9.1%
Mexico	2,911.00	2,874.75	2,784.20	2,586.54	2,455.80	2,224.15	2,068.37	1,918.14	1,909.91	-0.4%
Total North America	15,545.05	16,947.74	18,827.91	19,747.59	19,246.51	20,157.08	22,587.43	24,613.52	23,521.11	-4.4%
Argentina	664.47	654.96	638.02	646.85	610.10	590.55	591.81	620.41	600.43	-3.2%
Brazil	2,144.92	2,109.87	2,341.38	2,524.98	2,591.35	2,720.90	2,682.52	2,876.53	3,025.56	5.2%
Colombia	944.12	1,003.99	990.38	1,005.57	885.90	854.04	866.10	885.83	781.35	-11.8%
Ecuador	504.62	527.35	556.55	543.09	548.39	531.31	517.23	531.00	479.37	-9.7%
Peru	153.98	166.95	175.23	152.95	140.70	136.64	153.63	142.50	131.36	-7.8%
Trinidad & Tobago	116.73	115.16	114.12	108.75	96.66	98.69	87.32	82.22	76.26	-7.3%
Venezuela	2,703.73	2,680.36	2,692.49	2,630.86	2,347.00	2,096.04	1,513.86	918.26	539.76	-41.2%
Other S. & Cent. America	143.01	148.40	154.70	145.50	134.90	131.54	124.23	117.74	206.79	75.6%
Total S. & Cent. America	7,375.58	7,407.04	7,662.87	7,758.56	7,355.01	7,159.71	6,536.69	6,174.49	5,840.88	-5.4%
Azerbaijan	871.90	876.99	861.18	850.85	837.52	791.89	794.85	778.59	716.10	-8.0%
Denmark	204.24	178.18	166.84	157.80	141.70	138.25	116.27	102.96	72.03	-30.0%
Italy	111.69	115.57	119.59	113.47	77.78	86.04	97.15	88.75	112.21	26.4%
Kazakhstan	1,664.13	1,736.70	1,709.57	1,694.76	1,654.97	1,838.06	1,926.96	1,930.97	1,810.85	-6.2%
Norway	1,917.00	1,837.79	1,880.54	1,940.08	1,991.45	1,962.86	1,844.30	1,730.69	2,001.46	15.6%
Romania	83.07	85.98	84.37	83.49	79.31	75.85	74.20	74.82	72.33	-3.3%
Russian Federation	10,642.47	10,780.10	10,860.09	11,006.68	11,268.79	11,254.69	11,437.80	11,539.57	10,666.57	-7.6%
Turkmenistan	228.51	240.02	256.63	261.98	244.30	232.42	221.52	264.00	216.11	-18.1%
United Kingdom	946.29	864.47	852.46	963.42	1,012.58	999.07	1,085.13	1,117.52	1,029.03	-7.9%
Uzbekistan	67.73	61.12	61.31	59.46	57.74	60.90	63.97	61.97	46.76	-24.6%
Other Europe & Eurasia	389.52	397.49	338.76	329.23	313.02	302.78	306.08	337.01	331.67	-1.6%
Total Europe & Eurasia	17,126.54	17,174.41	17,206.21	17,479.30	17,716.13	17,742.81	17,968.21	18,026.85	17,075.14	-5.3%
Iran	3,818.85	3,614.64	3,714.14	3,852.76	4,586.09	5,023.75	4,715.44	3,534.57	3,084.00	-12.7%
Iraq	3,116.00	3,141.00	3,238.62	3,985.94	4,422.89	4,533.42	4,614.33	4,779.48	4,113.67	-13.9%
Kuwait	3,168.73	3,128.81	3,097.08	3,060.78	3,141.08	3,000.87	3,048.52	2,995.62	2,686.05	-10.3%
Oman	918.47	941.95	943.48	981.09	1,004.26	970.57	978.39	970.94	950.68	-2.1%
Qatar	1,931.44	1,906.24	1,974.60	1,932.51	1,938.05	1,873.69	1,878.53	1,882.95	1,809.17	-3.9%
Saudi Arabia	11,634.54	11,393.08	11,518.82	11,997.94	12,406.05	11,892.20	12,286.84	11,832.32	11,038.95	-6.7%
Syria	171.00	59.16	33.00	27.00	25.00	24.60	24.05	23.52	43.02	82.9%
United Arab Emirates	3,401.16	3,626.66	3,602.90	3,897.97	4,037.54	3,910.02	3,941.93	3,997.69	3,656.52	-8.5%
Yemen	173.65	192.76	152.90	63.31	42.58	60.01	67.69	97.65	94.57	-3.1%
Other Middle East	183.84	208.74	214.20	212.99	214.39	208.24	206.72	214.50	187.56	-12.6%
Total Middle East	28,517.69	28,213.03	28,489.75	30,012.29	31,817.94	31,497.37	31,762.45	30,329.23	27,664.20	-8.8%
Algeria	1,536.81	1,485.23	1,589.09	1,557.67	1,577.00	1,540.33	1,509.73	1,486.37	1,331.91	-10.4%
Angola	1,784.21	1,799.12	1,701.37	1,795.65	1,744.84	1,676.49	1,533.97	1,417.29	1,323.59	-6.6%
Chad	100.82	83.01	88.80	110.61	102.96	103.77	100.59	126.88	126.26	-0.5%
Republic of Congo	280.99	249.95	253.18	234.21	231.65	269.30	332.95	339.00	306.75	-9.5%
Egypt	715.30	709.81	714.45	726.25	691.39	660.20	669.76	685.89	616.15	-10.2%
Equatorial Guinea	272.07	266.99	284.40	259.73	223.08	195.28	190.15	180.19	160.90	-10.7%
Gabon	253.00	232.00	210.91	213.54	220.66	210.07	194.00	218.00	207.00	-5.0%
Libya	1,509.71	988.18	517.73	436.64	411.78	928.95	1,009.53	1,227.47	389.60	-68.3%
Nigeria	2,370.23	2,270.31	2,276.01	2,201.41	1,899.91	1,991.39	2,051.28	2,109.07	1,797.60	-14.8%
South Sudan	31.04	99.73	155.35	147.74	117.21	111.20	130.72	138.71	169.51	22.2%
Sudan	103.11	117.85	119.60	109.06	103.61	94.62	100.04	102.22	85.63	-16.2%
Tunisia	84.15	78.14	71.02	63.63	59.72	48.09	50.18	50.18	35.52	-29.2%
Other Africa	205.10	231.43	233.86	276.44	258.89	303.64	319.97	317.27	314.24	-1.0%
Total Africa	9,246.54	8,611.77	8,215.77	8,132.58	7,642.68	8,133.31	8,192.85	8,398.53	6,864.64	-18.3%
Australia	478.63	406.88	435.85	384.28	361.06	348.14	355.85	490.49	469.99	-4.2%
Brunei	159.03	135.16	126.42	126.75	120.91	113.17	111.51	121.29	110.02	-9.3%
China	4,155.23	4,216.44	4,245.96	4,308.84	3,999.16	3,845.86	3,797.66	3,835.98	3,900.70	1.7%
India	906.19	905.92	905.39	893.46	873.75	884.31	868.89	826.42	770.73	-6.7%
Indonesia	917.75	882.17	847.04	837.65	875.75	837.97	808.48	781.38	742.98	-4.9%
Malaysia	653.56	621.21	648.82	696.32	703.56	682.80	681.91	650.51	595.79	-8.4%
Thailand	457.50	451.87	460.93	477.81	485.58	483.35	484.84	477.07	417.60	-12.5%
Vietnam	357.06	360.50	335.92	365.35	332.55	298.17	274.73	236.44	207.07	-12.4%
Other Asia Pacific	287.08	272.13	306.96	308.50	291.99	280.67	249.16	230.24	210.25	-8.7%
Total Asia Pacific	8,372.02	8,252.28	8,313.29	8,398.95	8,044.30	7,774.45	7,633.03	7,649.84	7,425.15	-2.9%
of which: OECD	19,482.00	20,635.14	22,565.07	23,582.78	23,090.28	23,940.43	26,329.22	28,381.19	28,216.43	-0.6%
Non-OECD	66,701.42	65,971.13	66,170.87	67,963.92	68,731.44	68,561.14	68,389.27	66,811.26	60,174.68	-9.9%
OPEC	37,480.04	36,560.98	37,227.89	38,600.70	39,736.00	39,673.10	39,338.30	35,566.32	31,115.66	-12.5%
Non-OPEC	48,703.38	50,045.30	51,508.04	52,946.00	52,085.71	52,828.48	55,380.19	59,626.13	57,275.44	-3.9%
European Union #	572	560	552	535	471	465	448	415	394	-4.9%
CIS	13,596.95	13,809.68	13,783.80	13,909.25	14,099.44	14,214.82	14,482.92	14,614.09	13,495.82	-7.7%

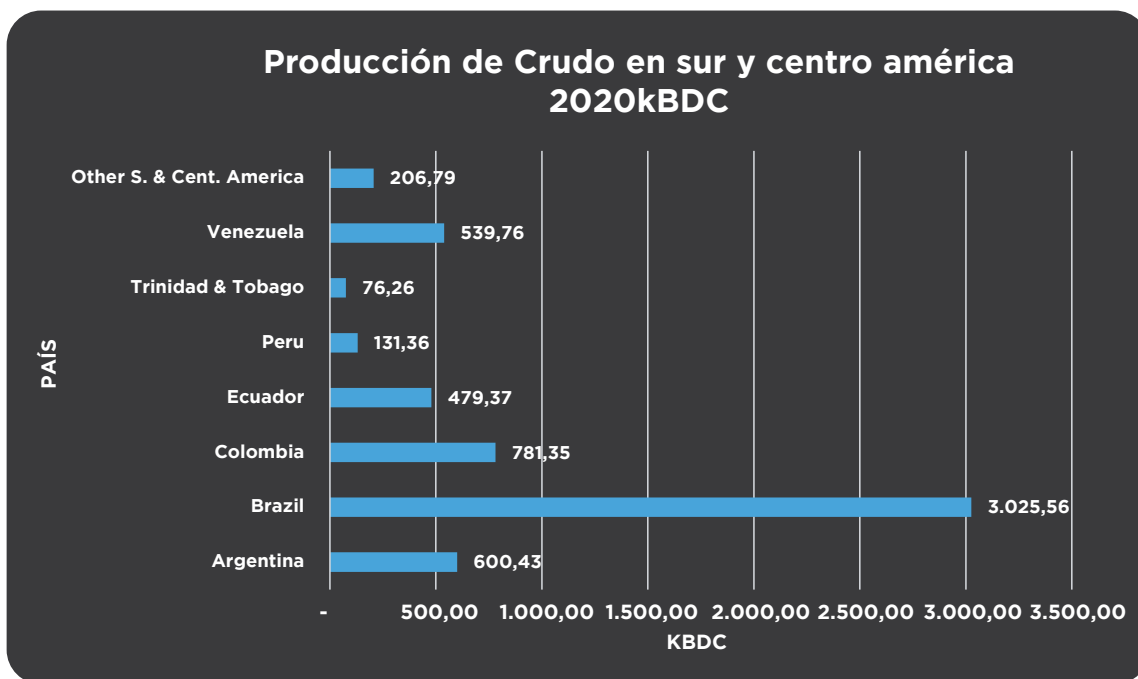
* Includes crude oil, shale oil, oil sands and NGLs (natural gas liquids - the liquid content of natural gas where this is recovered separately).

Excludes liquid fuels from other sources such as biomass and derivatives of coal and natural gas.

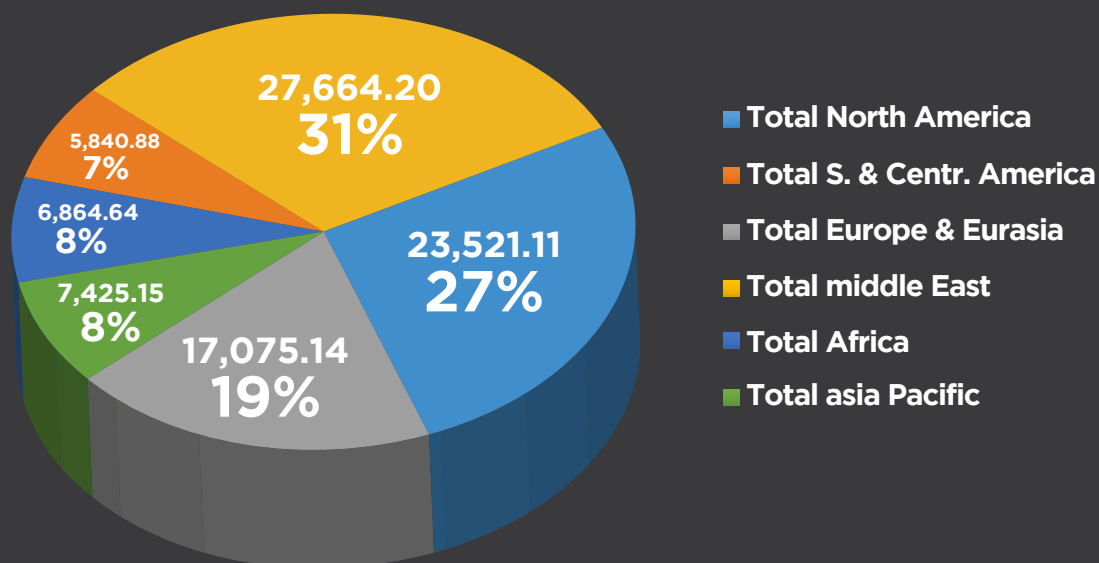


PRODUCCIÓN MUNDIAL DE CRUDO

MILES DE BARRILES DÍA CALENDARIO [KBDC]



PRODUCCIÓN DE CRUDO POR REGIÓN 2020 [kBDC]

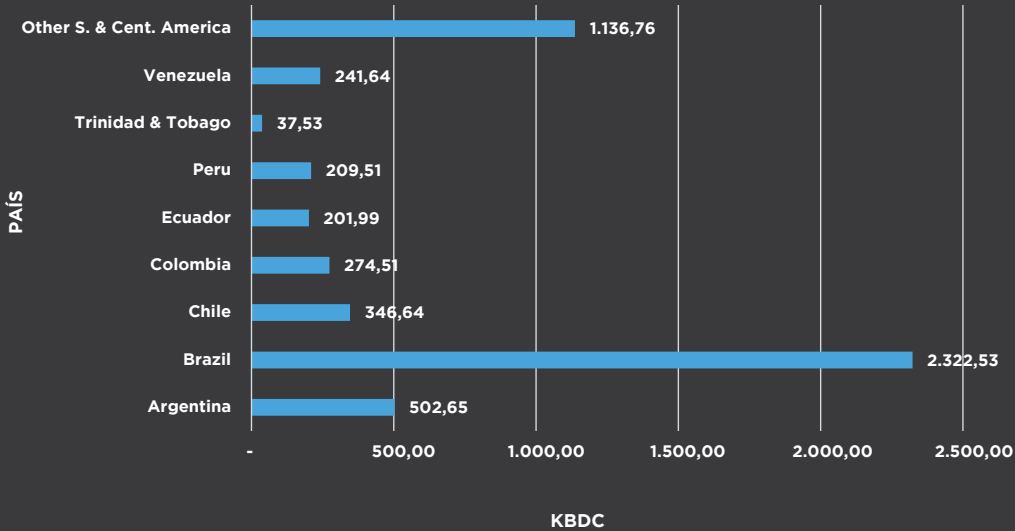




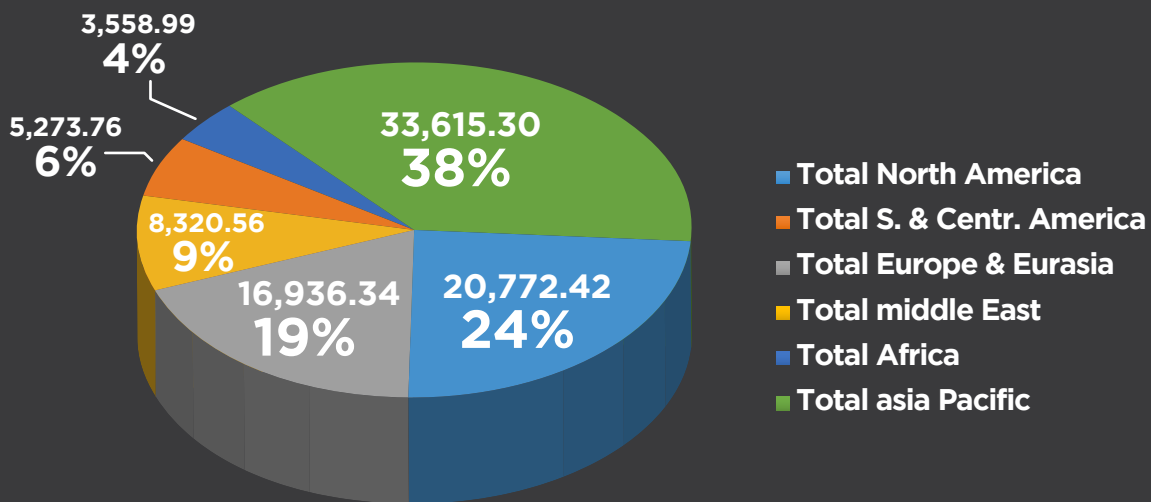
CONSUMOS MUNDIALES DE CRUDO

MILES DE BARRILES DÍA CALENDARIO KBDC

CONSUMOS DE CRUDO EN CENTRO Y SUR AMÉRICA 2020



CONSUMOS DE CRUDO POR REGIÓN 2020 [KBDC]





PRECIOS SPOT DE CRUDO

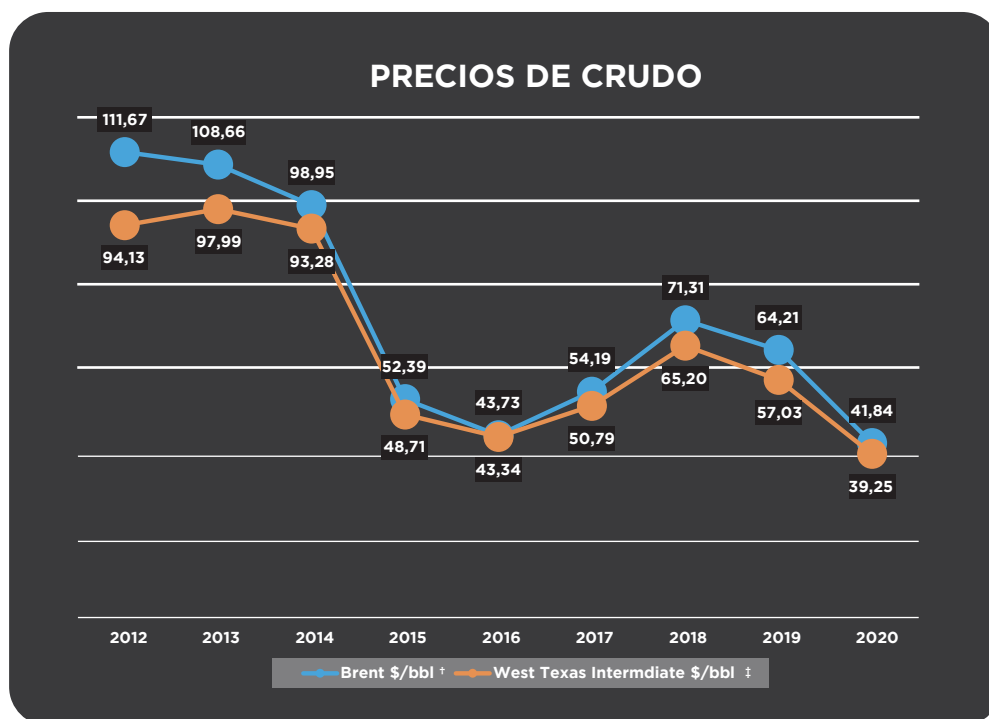
[US DOLLARS PER BARREL]

Year	Dubai \$/bbl *	Brent \$/bbl †	Nigerian Forcados \$/bbl	West Texas Intermediate \$/bbl ‡
2012	109.08	111.67	114.21	94.13
2013	105.47	108.66	111.95	97.99
2014	97.07	98.95	101.35	93.28
2015	51.20	52.39	54.41	48.71
2016	41.19	43.73	44.54	43.34
2017	53.13	54.19	54.31	50.79
2018	69.51	71.31	72.47	65.20
2019	63.43	64.21	64.95	57.03
2020	42.41	41.84	42.31	39.25

* Dubai dated.

† Brent dated.

‡ Spot WTI (Cushing) prices.



RESERVAS PROBADAS DE GAS NATURAL BILLONES DE METROS CUBICOS

País	2012	2013	2014	2015	2016	2017	2018	2019	2020	Tasa de crecimiento anual 2020
US	8.7	9.6	10.0	8.3	8.7	11.9	11.9	12.9	12.6	18.0%
Canada	2.0	2.0	1.9	2.1	2.0	2.0	1.9	2.0	2.4	-
Mexico	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	-
Total North America	11.08	11.95	12.21	10.65	10.93	14.06	13.92	15.04	15.15	2.4%
Argentina	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	-
Bolivia	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	-
Brazil	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.3	-7.1%
Colombia	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	-
Peru	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	-5.1%
Trinidad & Tobago	0.4	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.1%
Venezuela	5.6	5.6	5.6	5.6	5.6	5.7	5.7	6.3	6.3	-
Other S. & Cent. America	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-0.9%
Total S. & Cent. America	7.68	7.65	7.68	7.65	7.63	7.67	7.59	7.99	7.90	-0.5%
Azerbaijan	0.9	0.9	1.3	1.3	1.3	1.3	2.1	2.8	2.5	-
Denmark	^	^	^	^	^	^	^	^	^	-5.4%
Germany	0.1	0.1	^	^	^	^	^	^	^	-9.8%
Italy	0.1	0.1	0.1	^	^	^	^	^	^	-2.8%
Kazakhstan	0.8	0.9	1.1	1.1	1.0	1.0	1.0	2.7	2.3	-
Netherlands	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.2	0.1	-
Norway	2.1	2.0	1.9	1.8	1.8	1.7	1.6	1.5	1.4	-6.8%
Poland	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-
Romania	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-
Russian Federation	32.0	32.3	35.0	35.0	34.8	38.9	38.9	38.0	37.4	-0.4%
Turkmenistan	17.5	17.5	19.5	19.5	19.5	19.5	19.5	19.5	13.6	-
Ukraine	0.6	0.6	1.1	1.1	1.1	1.0	1.1	1.1	1.1	-
United Kingdom	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	-
USSR	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Uzbekistan	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	0.8	-
Other Europe & Eurasia	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.1	-3.8%
Total Europe & Eurasia	56.65	56.87	56.97	56.80	56.69	65.88	66.64	67.60	59.77	-3.6%
Bahrain	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	-16.1%
Iran	33.8	34.0	32.1	31.6	31.8	31.9	31.9	32.0	32.1	-
Iraq	3.6	3.6	3.0	3.0	3.6	3.6	3.6	3.5	3.5	-
Israel	0.2	0.2	0.2	0.2	0.2	0.5	0.4	0.5	0.6	3.9%
Kuwait	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	-
Oman	0.5	0.7	0.6	0.7	0.7	0.7	0.7	0.7	0.7	-
Qatar	24.9	24.7	25.4	25.1	24.9	24.7	24.7	24.7	24.7	-
Saudi Arabia	8.1	8.2	7.9	8.0	8.0	5.7	5.9	6.0	6.0	0.6%
Syria	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	-
United Arab Emirates	6.1	6.1	5.9	5.9	5.9	5.9	5.9	5.9	5.9	-
Yemen	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	-
Other Middle East	^	^	^	^	^	^	^	^	^	-
Total Middle East	79.69	79.99	77.61	76.97	77.61	75.31	75.51	75.60	75.81	0.1%
Algeria	4.5	4.5	4.3	4.3	4.3	4.3	4.3	4.3	2.3	-47.4%
Egypt	2.0	1.8	2.1	2.0	2.1	2.1	2.1	2.1	2.1	-
Libya	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	-
Nigeria	5.1	5.1	5.1	5.0	5.2	5.3	5.3	5.4	5.5	-
Other Africa	1.2	1.2	1.1	1.1	1.2	1.2	1.2	1.6	1.6	-0.1%
Total Africa	14.45	14.18	14.04	13.86	14.30	14.43	14.43	14.92	12.89	-13.8%
Australia	3.5	3.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	-
Bangladesh	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	-
Brunei	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	-
China	3.2	3.5	3.6	4.7	5.5	6.1	6.1	8.4	8.4	-
India	1.3	1.4	1.4	1.2	1.2	1.2	1.3	1.3	1.3	-0.6%
Indonesia	2.9	2.9	2.9	2.8	2.9	2.9	2.8	1.4	1.3	-12.4%
Malaysia	1.1	1.1	2.7	2.7	2.4	2.4	2.4	0.9	0.9	-
Myanmar	0.3	0.5	0.5	0.5	1.2	1.2	1.2	1.2	0.4	-3.3%
Pakistan	0.6	0.6	0.5	0.4	0.4	0.4	0.4	0.4	0.4	-2.5%
Papua New Guinea	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.2	-7.3%
Thailand	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	-
Vietnam	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	-
Other Asia Pacific	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	-0.9%
Total Asia Pacific	14.81	15.18	15.73	16.45	17.64	18.23	18.13	17.66	16.56	-1.3%
of which: OECD	18.3	19.1	18.0	16.4	16.4	19.7	19.4	20.1	20.3	1.4%
Non-OECD	166.0	166.7	172.4	172.2	174.3	176.4	177.4	178.7	167.8	-1.4%
European Union	1.5	1.4	1.3	1.3	1.2	1.1	1.1	0.7	0.4	-1.0%
CIS	53.0	53.3	58.2	58.1	57.9	62.0	62.8	64.2	56.6	-0.3%

^ Less than 0.05.
• Less than 0.05%.
n/a not available.

Notes: Total proved reserves of natural gas - Generally taken to be those quantities that geological and engineering information indicates with reasonable certainty can be recovered in the future from known reservoirs under existing economic and operating conditions. The data series for natural gas does not necessarily meet the definitions, guidelines and practices used for determining proved reserves at company level, for instance as published by the US Securities and Exchange Commission, nor does it necessarily represent BP's view of proved reserves by country.

Reserves-to-production (R/P) ratio - If the reserves remaining at the end of any year are divided by the production in that year, the result is the length of time that those remaining reserves would last if production were to continue at that rate.

Source of data - The estimates in this table have been compiled using a combination of primary official sources and third-party data from Cedigaz and the OPEC Secretariat.

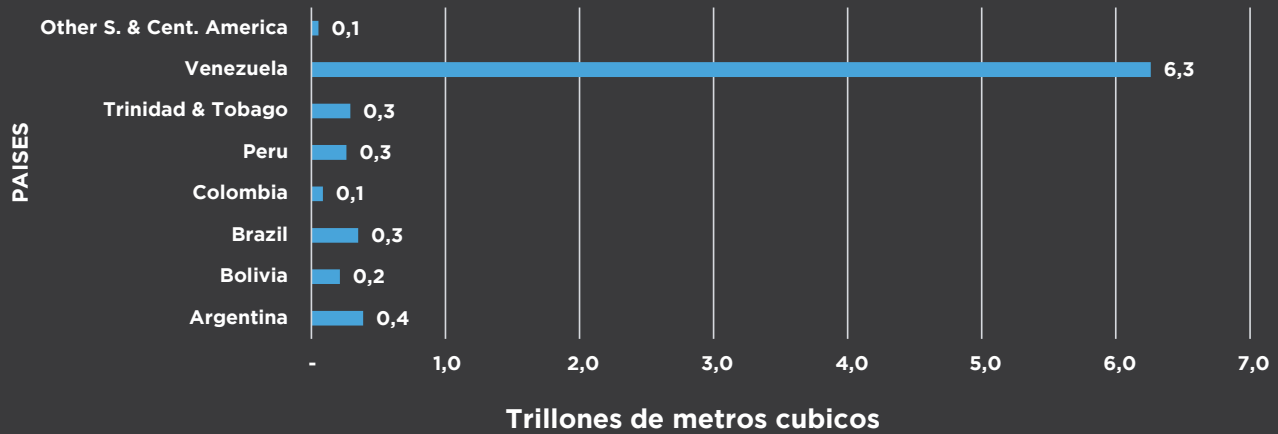
Annual changes and share of total are calculated using trillion cubic metres.



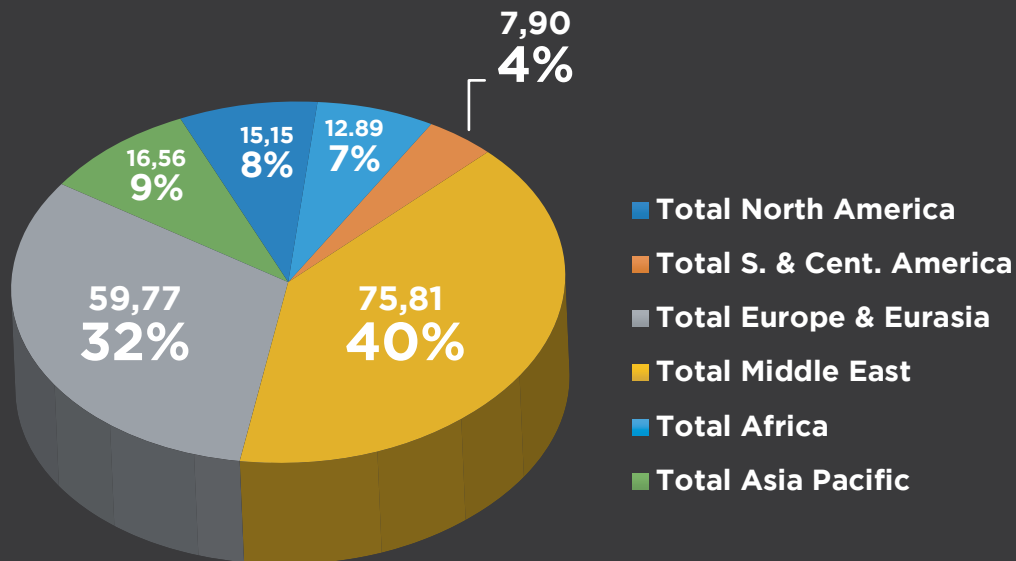
RESERVAS PROBADAS DE GAS NATURAL

BILLONES DE METROS CUBICOS

RESERVAS PROBADAS DE GAS NATURAL 2020



Reservas de GN por Región 2020 [Billones de metros cubicos]



PRODUCCIÓN MUNDIAL DE GAS NATURAL

MILES DE MILLONES DE METROS CUBICOS

País	2012	2013	2014	2015	2016	2017	2018	2019	2020	Tasa de crecimiento anual 2020
US	680.5	685.4	704.7	740.3	727.4	745.8	831.8	920.9	914.6	-1.9%
Canada	141.1	141.4	159.0	160.8	171.8	177.6	184.7	173.1	165.2	-2.5%
Mexico	57.2	58.2	51.3	47.9	43.7	38.3	37.4	34.0	30.1	-4.2%
Total North America	878.87	885.01	915.02	949.01	942.81	961.58	1,053.87	1,127.98	1,109.89	-2.1%
Argentina	37.7	35.5	34.5	35.5	37.3	37.1	39.4	41.6	38.3	-8.2%
Bolivia	17.8	20.3	20.3	19.6	17.6	17.1	16.0	15.0	14.4	-3.9%
Brazil	19.3	21.3	23.3	23.8	24.1	27.2	25.2	25.8	23.9	-7.3%
Colombia	12.0	12.6	12.3	11.6	12.0	12.3	12.9	13.2	13.3	0.2%
Peru	11.9	12.2	13.1	12.7	14.0	13.0	12.8	13.5	12.1	-10.7%
Trinidad & Tobago	42.7	42.8	38.1	36.0	31.3	31.9	34.0	34.6	29.5	-15.0%
Venezuela	29.5	28.4	31.8	36.1	37.2	38.6	33.2	26.5	18.8	-26.9%
Other S. & Cent. America	2.7	2.4	2.6	2.9	3.1	3.1	3.3	3.5	2.7	-16.3%
Total S. & Cent. America	173.45	175.65	176.05	178.04	176.68	180.28	176.68	173.58	152.87	-11.5%
Azerbaijan	15.6	16.2	18.4	18.8	18.3	17.8	18.8	24.3	25.8	6.0%
Denmark	5.7	4.8	4.8	4.8	4.7	5.1	4.3	3.2	1.4	-57.0%
Germany	9.0	8.2	8.1	7.5	6.9	6.4	5.5	5.3	4.5	-15.9%
Italy	7.8	7.0	6.8	6.4	5.5	5.3	5.2	4.6	3.9	-16.4%
Kazakhstan	17.2	18.4	21.7	22.0	22.9	23.4	24.4	23.4	31.7	-7.2%
Netherlands	63.8	68.6	60.4	45.9	44.3	38.6	32.3	28.1	20.0	-28.5%
Norway	114.7	108.7	108.0	116.2	115.9	123.2	120.6	114.4	111.5	-2.7%
Poland	4.3	4.2	4.3	4.3	4.1	4.0	4.0	4.0	3.9	-1.7%
Romania	10.0	9.6	10.2	10.2	9.1	9.9	9.5	9.7	8.7	-9.8%
Russian Federation	592.3	604.7	591.2	584.4	589.3	635.6	669.5	679.0	638.5	-6.2%
Turkmenistan	62.3	62.3	63.5	65.9	63.2	58.7	61.5	63.2	59.0	-6.9%
Ukraine	18.6	19.3	20.2	18.8	19.0	19.4	19.9	19.6	19.0	-2.5%
United Kingdom	38.9	36.5	37.4	40.7	41.7	41.9	40.6	39.6	39.5	-0.4%
USSR	n/a	n/a	7.2	6.8	9.2	9.5	8.7	n/a	n/a	
Uzbekistan	56.9	56.9	n/a	n/a	n/a	n/a	n/a	56.3	47.1	-18.1%
Other Europe & Eurasia	8.3	7.2	56.3	53.6	53.1	53.4	56.6	7.7	6.6	-15.6%
Total Europe & Eurasia	1,025.50	1,032.71	1,018.82	1,006.69	1,007.67	1,052.34	1,081.74	1,082.39	1,020.94	-14.1%
Bahrain	13.7	14.7	14.7	14.8	14.4	14.5	14.8	16.9	16.4	0.8%
Iran	166.2	166.8	175.5	183.5	199.3	220.2	239.5	244.2	250.8	3.6%
Iraq	0.6	1.2	7.5	7.3	9.9	10.1	13.0	10.8	10.5	-4.6%
Kuwait	15.5	16.3	14.3	16.1	16.4	16.2	17.5	18.4	15.0	-16.7%
Oman	32.2	34.8	29.3	30.7	31.5	32.3	36.0	36.3	36.9	0.4%
Qatar	157.0	177.6	169.6	175.0	173.8	172.4	175.5	178.1	171.3	-0.7%
Saudi Arabia	99.3	100.0	97.3	99.2	105.3	109.3	112.1	113.6	112.1	0.6%
Syria	5.8	4.8	4.6	4.1	3.5	3.4	3.6	3.7	3.0	-10.1%
United Arab Emirates	54.3	54.6	52.9	58.7	60.3	62.0	64.7	62.5	55.4	-4.7%
Yemen	7.3	9.9	9.8	2.9	0.5	0.5	0.6	0.6	0.1	1.0%
Other Middle East	2.7	6.5	7.3	8.1	9.0	9.5	10.1	10.1	15.0	46.3%
Total Middle East	554.66	587.19	582.72	600.28	624.07	650.37	687.27	695.32	686.58	1.0%
Algeria	81.5	82.4	80.2	81.4	91.4	93.0	92.3	86.2	81.5	-6.6%
Egypt	60.9	56.1	47.0	42.6	40.3	48.8	58.6	64.9	58.5	-10.2%
Libya	11.1	11.6	11.8	11.0	9.4	9.6	9.8	9.4	13.3	-8.5%
Nigeria	43.3	36.2	40.0	48.0	46.2	48.1	49.2	49.3	49.4	.
Other Africa	17.6	20.0	19.7	20.5	21.6	26.2	26.7	28.0	28.6	1.6%
Total Africa	214.35	206.30	198.65	203.55	208.84	225.65	236.57	237.94	231.30	-5.4%
Australia	56.9	59.0	66.6	76.0	96.4	112.8	130.1	153.5	142.5	-0.7%
Bangladesh	22.2	22.8	23.0	25.9	26.5	26.7	27.5	28.7	24.7	-2.5%
Brunei	12.6	12.2	12.7	13.3	12.9	12.9	12.6	13.0	12.6	-2.9%
China	111.8	122.2	131.2	135.7	137.9	149.2	161.5	177.6	194.0	9.0%
India	38.9	32.1	29.4	28.1	26.6	27.7	27.5	26.9	23.8	-11.9%
Indonesia	77.1	76.5	76.4	76.2	75.1	72.9	73.2	67.5	63.2	-6.8%
Malaysia	61.5	67.3	72.0	73.9	72.4	74.5	72.5	78.8	73.2	-7.9%
Myanmar	12.7	13.1	16.5	19.2	18.3	17.8	17.8	17.1	17.7	-4.6%
Pakistan	43.8	42.6	35.0	35.0	34.7	34.7	34.2	33.9	30.6	-6.6%
Thailand	41.0	41.3	43.6	41.2	40.4	38.7	37.7	35.8	32.7	-8.8%
Vietnam	9.4	9.8	9.9	10.3	10.2	9.5	9.6	9.9	8.7	-11.8%
Other Asia Pacific	17.5	18.1	23.6	29.4	30.2	30.3	27.5	29.6	28.4	-1.5%
Total Asia Pacific	505.44	517.04	539.82	564.12	581.62	607.52	631.74	672.13	652.08	-1.2%
of which: OECD	1197.2	1202.0	1232.9	1272.1	1287.5	1325.4	1422.5	1506.2	1478.5	-2.4%
Non-OECD	2155.1	2201.9	2198.2	2229.6	2254.2	2352.3	2445.3	2483.2	2375.2	-3.9%
European Union #	146.6	144.8	138.2	125.7	124.7	119.7	109.2	101.0	47.8	-21.9%
CIS	763.0	778.1	751.4	745.0	747.2	789.1	831.1	846.5	802.4	-6.8%

* Excludes gas flared or recycled. Includes natural gas produced for Gas-to-Liquids transformation.

• Less than 0.05%.

Notes: As far as possible, the data above represent standard cubic metres (measured at 15oC and 1013 mbar); as they are derived directly from tonnes of oil equivalent using an average conversion factor, they do not necessarily equate with gas volumes expressed in specific national terms.

Annual changes and shares of total are calculated using billion cubic metres figures.

Growth rates are adjusted for leap years.

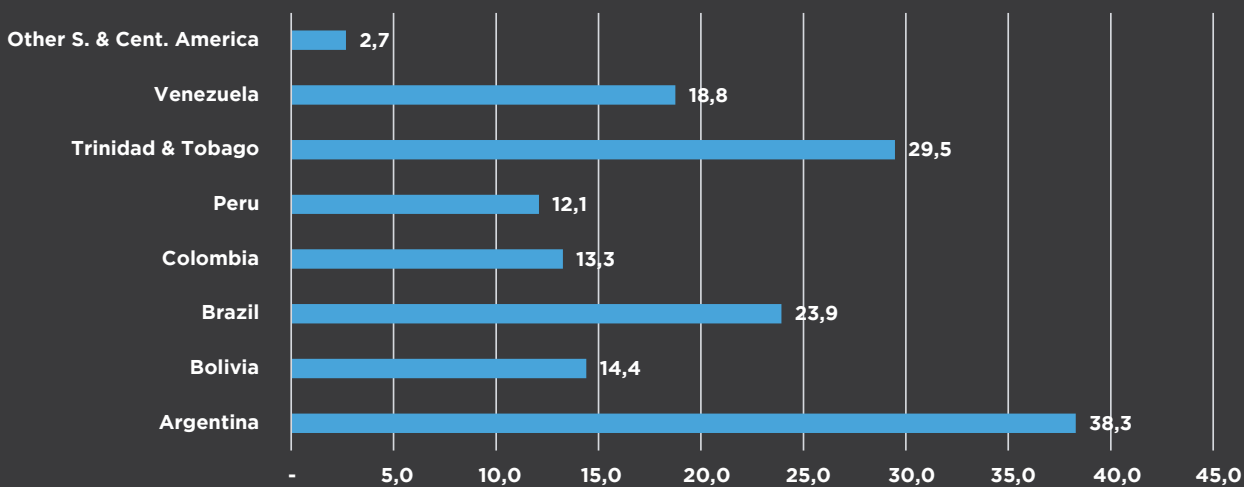


PRODUCCIÓN MUNDIAL DE GAS NATURAL

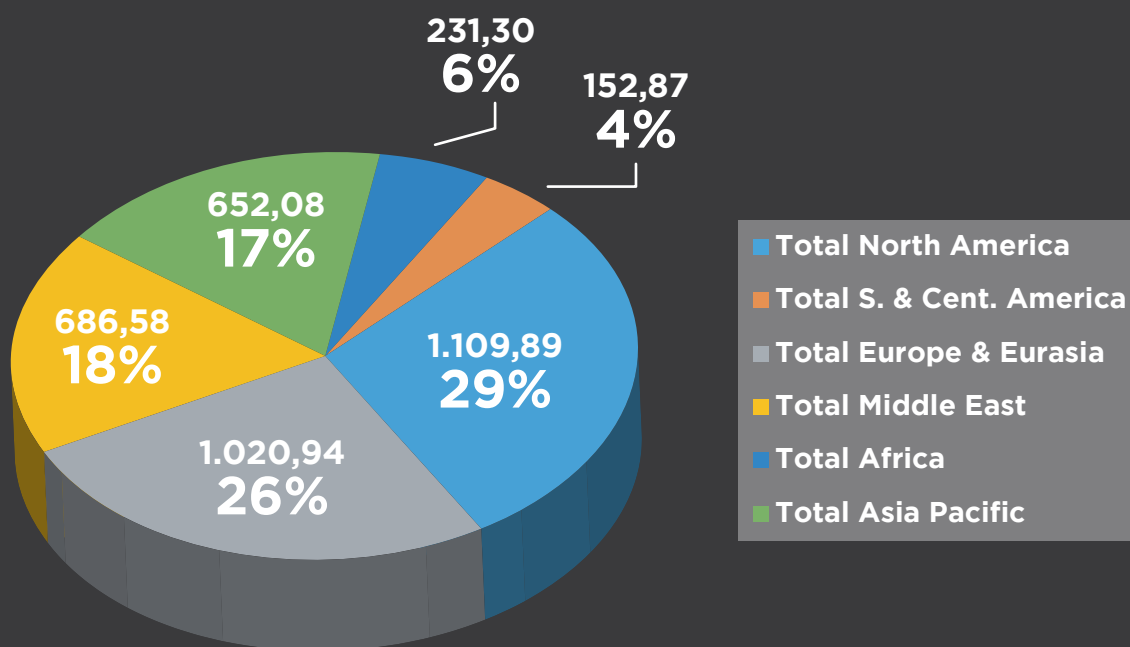
MILES DE MILLONES DE METROS CUBICOS

PRODUCCIÓN DE GN EN SUR Y CENTRO AMÉRICA 2020

Miles de Millones de metros cúbicos



PRODUCCIÓN MUNDIAL DE GAS NATURAL POR REGIÓN 2020 [Miles de Millones de metros cúbicos]



CONSUMO MUNDIAL DE GAS NATURAL

MILES DE MILLONES DE METROS CUBICOS

País	2012	2013	2014	2015	2016	2017	2018	2019	2020	Tasa de crecimiento anual 2020
US	723.2	740.6	722.3	743.6	749.1	739.4	817.1	846.6	832.0	-2.3%
Canada	100.2	103.9	109.6	109.8	105.9	109.7	115.7	120.3	112.6	-4.7%
Mexico	79.9	83.3	78.8	80.8	83.0	86.4	89.5	90.7	86.3	-2.2%
Total North America	903.29	927.80	910.70	934.12	937.99	935.54	1,022.34	1,057.62	1,030.95	-2.6%
Argentina	46.7	46.7	46.2	46.7	48.2	48.3	48.7	47.5	43.9	-5.9%
Brazil	31.7	37.3	40.7	42.9	37.1	37.6	35.9	35.8	32.1	-10.4%
Chile	4.6	4.6	4.4	4.8	5.9	5.6	6.4	6.5	6.1	-6.3%
Colombia	9.8	10.0	11.4	11.2	11.8	12.2	13.0	13.4	13.9	3.3%
Ecuador	0.6	0.6	0.9	0.8	0.9	0.8	0.7	0.6	0.5	-13.9%
Peru	6.2	6.0	6.7	7.1	7.6	6.7	7.0	8.3	7.1	-14.4%
Trinidad & Tobago	22.2	22.4	17.0	17.0	15.1	15.3	15.3	17.5	15.1	-13.7%
Venezuela	31.4	30.5	34.0	37.0	37.5	38.8	33.4	26.5	18.8	-26.9%
Other S. & Cent. America	6.5	7.0	7.2	7.1	7.4	7.3	7.9	9.2	8.1	-50.0%
Total S. & Cent. America	159.59	165.18	168.46	174.67	171.57	172.61	168.37	165.35	145.65	-11.1%
Austria	8.9	8.6	7.5	8.0	8.3	9.1	8.7	8.9	8.5	-4.5%
Azerbaijan	8.5	8.6	9.9	11.1	10.9	10.6	10.8	11.8	11.9	0.6%
Belarus	18.5	18.5	19.1	17.9	17.8	18.2	19.3	19.3	17.9	-7.0%
Belgium	16.0	15.8	14.5	15.8	16.2	16.4	16.9	17.4	17.0	-2.5%
Bulgaria	2.7	2.6	2.7	3.0	3.1	3.2	3.0	2.8	2.9	2.9%
Czech Republic	7.6	7.7	7.2	7.5	8.2	8.4	8.0	8.3	8.5	1.4%
Denmark	3.9	3.7	3.3	3.3	3.4	3.2	3.1	2.9	2.3	-20.0%
Finland	3.1	2.8	2.7	2.3	2.0	1.8	2.0	2.0	2.0	-4.1%
France	42.5	43.1	37.9	40.8	44.5	44.8	42.7	43.4	40.7	-7.1%
Germany	77.5	81.2	73.9	77.0	84.9	89.7	88.3	88.7	86.5	-2.7%
Greece	4.0	3.6	2.8	3.1	4.0	4.8	4.7	5.1	5.7	9.7%
Hungary	9.3	8.7	8.1	8.7	9.3	9.9	9.6	9.8	10.2	3.1%
Ireland	4.5	4.3	4.3	4.4	4.9	5.0	5.2	5.3	5.3	-0.5%
Italy	68.2	63.8	59.0	64.3	67.5	71.6	69.2	70.8	67.7	-4.7%
Kazakhstan	10.8	11.2	15.0	15.3	15.8	15.9	19.4	17.9	16.6	-4.8%
Lithuania	2.9	2.4	2.4	2.4	2.1	2.2	2.2	2.2	2.4	9.1%
Netherlands	36.0	36.5	34.5	34.1	35.2	36.1	35.7	36.8	36.6	-1.5%
Norway	4.4	4.4	4.3	4.5	4.4	4.6	4.5	4.5	4.4	-3.2%
Poland	16.6	16.6	17.0	17.1	18.3	19.2	19.7	20.4	21.6	2.9%
Portugal	4.5	4.3	4.1	4.8	5.1	6.3	5.9	6.1	6.0	-2.6%
Romania	12.4	11.3	11.0	10.4	10.5	11.2	10.9	10.9	11.3	5.1%
Russian Federation	416.2	413.5	422.2	408.7	420.6	431.1	454.5	444.3	411.4	-7.7%
Slovakia	4.9	5.3	4.4	4.5	4.5	4.8	4.7	4.9	5.0	4.5%
Spain	31.7	29.0	27.5	28.5	29.1	31.7	31.5	36.1	32.4	-10.1%
Sweden	1.0	1.0	0.9	0.9	1.0	0.8	0.8	1.0	1.1	3.4%
Switzerland	2.9	3.1	2.8	3.0	3.1	3.1	3.0	3.4	3.2	-5.4%
Turkey	41.4	42.0	46.6	46.0	44.5	51.6	47.3	43.2	46.4	6.6%
Turkmenistan	26.3	22.9	20.0	25.4	24.1	25.3	28.4	31.5	31.3	-1.0%
Ukraine	49.6	43.3	40.3	32.0	31.4	30.2	30.6	28.2	29.3	3.4%
United Kingdom	73.9	73.0	70.1	72.0	81.2	78.8	78.9	78.8	72.5	-6.5%
USSR	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Uzbekistan	47.2	46.8	48.5	46.3	43.3	43.1	42.6	43.4	43.0	-3.4%
Other Europe & Eurasia	16.0	14.9	15.3	15.6	15.9	16.9	17.6	17.5	11.5	-34.2%
Total Europe & Eurasia	1,074.04	1,054.43	1,039.90	1,038.76	1,075.32	1,109.75	1,129.73	1,127.86	1,079.30	-4.3%
Iran	161.5	162.9	173.4	184.0	196.3	209.9	225.6	223.6	233.1	4.0%
Israel	2.6	6.9	7.2	8.1	9.2	9.9	10.5	10.8	11.3	4.6%
Kuwait	18.5	18.7	17.9	20.3	21.1	21.0	21.8	23.5	20.6	-10.7%
Qatar	23.4	37.9	38.6	42.5	40.4	43.1	41.9	41.1	35.0	-4.9%
Saudi Arabia	99.3	100.0	97.3	99.2	105.3	109.3	112.1	113.6	112.1	0.6%
United Arab Emirates	65.6	66.9	63.4	71.5	72.7	74.4	76.6	76.0	69.6	-2.9%
Other Middle East	44.2	46.9	49.7	52.7	55.8	59.4	64.7	69.7	23.9	1.8%
Total Middle East	415.04	440.32	447.51	478.34	500.95	527.04	553.10	558.35	552.31	1.2%
Algeria	31.0	33.4	36.1	37.9	38.6	38.9	42.7	45.2	42.7	-4.8%
Egypt	52.6	51.4	46.2	46.0	49.4	55.9	59.6	58.9	57.8	-2.2%
South Africa	4.4	4.6	4.3	4.3	4.5	4.4	4.3	4.3	4.1	-4.8%
Other Africa	32.6	33.8	33.2	39.8	42.5	41.5	43.4	41.7	47.3	13.5%
Total Africa	120.65	123.19	119.85	128.06	135.00	140.77	149.99	150.13	152.97	-1.8%
Australia	33.8	35.5	40.1	42.1	41.7	41.2	41.4	53.7	40.9	-3.1%
Bangladesh	22.2	22.8	23.0	25.9	26.5	26.7	28.4	34.4	30.4	-1.9%
China	150.9	171.9	188.4	194.7	209.4	240.4	283.0	307.3	330.6	6.9%
China Hong Kong SAR	2.8	2.6	2.4	3.0	3.1	3.1	3.0	3.1	4.9	58.2%
India	71.1	49.3	48.5	47.8	50.8	53.7	58.1	59.7	59.6	0.3%
Indonesia	42.2	40.8	41.5	41.0	39.1	38.5	39.0	43.8	41.5	-5.7%
Japan	116.9	116.9	124.8	118.7	116.4	117.0	115.7	108.1	104.4	-3.7%
Malaysia	35.5	40.3	44.7	43.9	42.4	41.8	41.3	42.3	38.2	-14.9%
New Zealand	4.2	4.5	5.2	4.8	4.8	5.0	4.3	4.8	4.6	-7.2%
Pakistan	43.8	42.6	35.0	36.5	38.7	40.7	43.6	45.7	41.2	-7.5%
Philippines	3.7	3.4	3.5	3.3	3.8	3.8	4.1	4.1	3.8	-9.1%
Singapore	9.4	10.5	10.4	11.6	11.9	12.3	12.3	12.7	12.6	0.1%
Sri Lanka								0	56.6	0.8%
South Korea	50.2	52.5	50.0	45.6	47.6	49.8	55.9	56.0	-	n/a
Taiwan	16.3	16.3	18.9	20.2	21.0	23.2	23.7	23.3	24.9	6.7%
Thailand	46.5	46.7	49.9	51.0	50.6	50.1	49.9	50.8	46.9	-8.3%
Vietnam	9.4	9.8	9.9	10.3	10.2	9.5	9.6	9.9	8.7	-11.8%
Other Asia Pacific	6.2	6.4	10.1	12.0	11.4	11.4	12.0	10.3	11.7	2.4%
Total Asia Pacific	665.12	672.92	706.22	712.54	729.35	768.33	825.32	869.92	861.59	0.1%
of which: OECD	1580.9	1609.5	1579.3	1612.2	1646.8	1669.2	1750.6	1801.1	1757.7	-2.6%
Non-OECD	1756.8	1774.4	1813.3	1854.2	1903.4	1984.8	2098.3	2128.2	2065.1	-2.1%
European Union #	438.6	431.2	401.7	418.7	449.3	465.7	458.5	469.6	379.9	-3.1%
CIS	582.9	569.6	539.9	530.0	537.7	549.3	580.8	573.7	538.2	-6.5%

* Excludes natural gas converted to liquid fuels but includes derivatives of coal as well as natural gas consumed in Gas-to-Liquids transformation. ^ Less than 0.05. w Less than 0.05%. n/a not available. # Excludes Estonia, Latvia and Lithuania prior to 1985 and Slovenia prior to 1990.

Notes: As far as possible, the data above represent standard cubic metres (measured at 15oC and 1013 mbar); as they are derived directly from tonnes of oil equivalent using an average conversion factor, they do not necessarily equate with gas volumes expressed in specific national terms.

The difference between these world consumption figures and the world production statistics is due to variations in stocks at storage facilities and liquefaction plants, together with unavoidable disparities in the definition, measurement or conversion of gas supply and demand data.

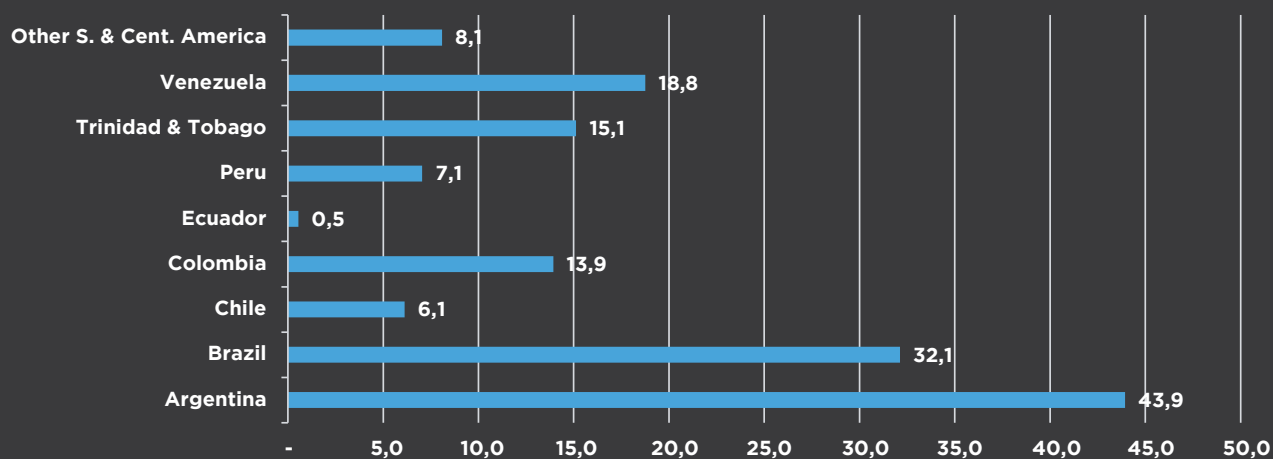
Annual changes and shares of total are calculated using billion cubic metres figures.

Growth rates are adjusted for leap years.

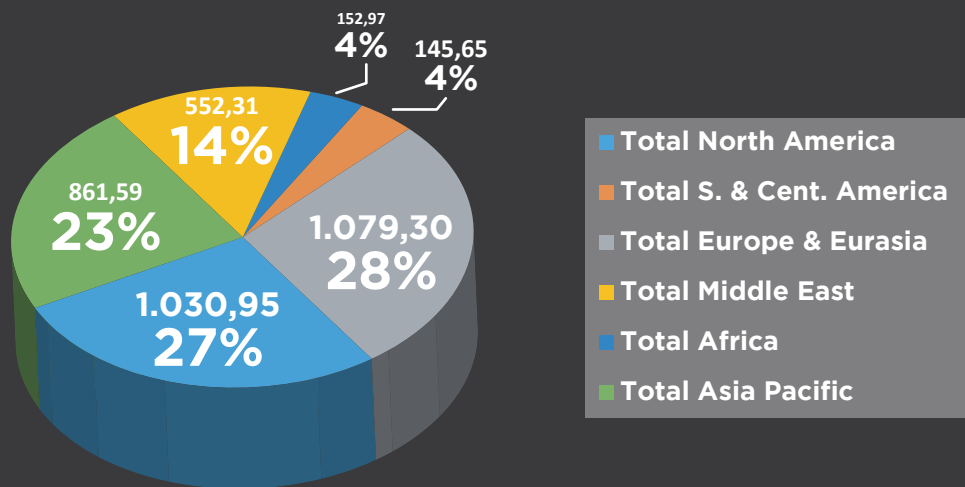


CONSUMO MUNDIAL DE GAS NATURAL
MILES DE MILLONES DE METROS CUBICOS

CONSUMOS DE GN EN SUR Y CENTRO AMÉRICA 2020
Miles de Millones de metros cúbicos



CONSUMO MUNDIAL DE GAS NATURAL POR REGIÓN
2020 [Miles de Millones de metros cúbicos]





PRECIOS DE GAS NATURAL [US DOLLARS PER MILLION BTU]

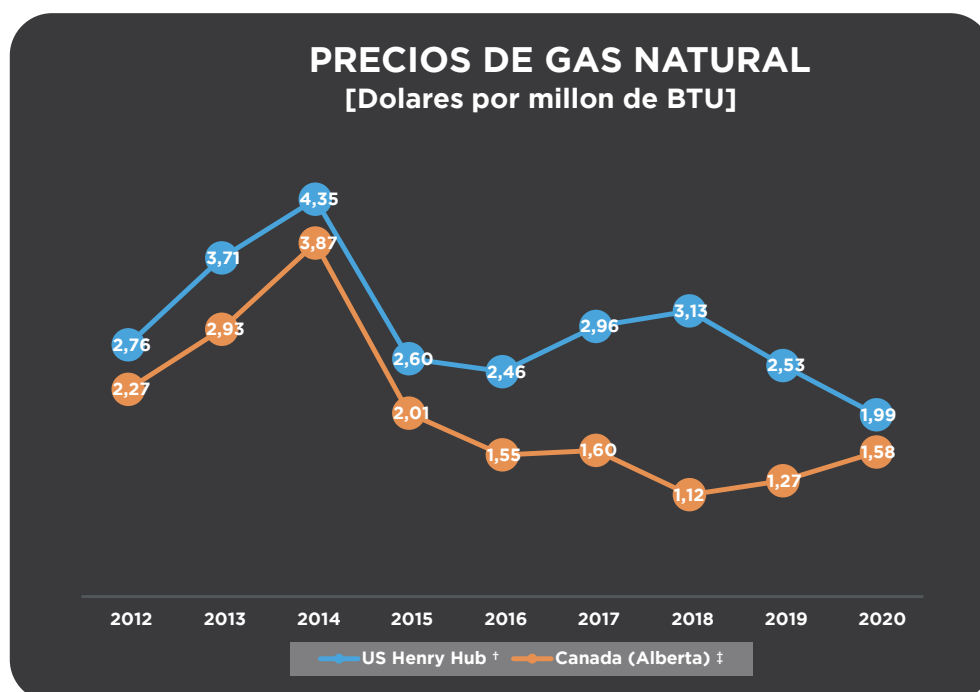
Year	price cif *	(Heren NBP Index)*	Henry Hub †	(Alberta) ‡
2012	10.93	9.46	2.76	2.27
2013	10.73	10.64	3.71	2.93
2014	9.11	8.25	4.35	3.87
2015	6.72	6.53	2.60	2.01
2016	4.93	4.69	2.46	1.55
2017	5.62	5.80	2.96	1.60
2018	6.62	8.06	3.13	1.12
2019	5.25	4.47	2.53	1.27
2020	4.06	3.42	1.99	1.58

* Source: German Federal Office of Economics and Export Control (BAFA).

† Source: ICIS Heren Energy Ltd.

‡ Source: Energy Intelligence Group, Natural Gas Week.

Note: Btu = British thermal units; cif = cost+insurance+freight (average prices).





YERLİ KAYMAKÇI KAYMAKÇI



INDICADORES ECONÓMICOS

PIB DE ALGUNAS ACTIVIDADES ECONÓMICAS
PIB MINERO TRIMESTRAL A PRECIOS CONSTANTES
VALOR FOB DE LAS EXPORTACIONES MINERO ENERGÉTICAS
TASA REPRESENTATIVA DEL MERCADO
INDICE DE PRECIOS AL CONSUMIDOR
INDICE DE PRECIOS AL PRODUCTOR
FLUJOS DE INVERSIÓN EXTRANJERA DIRECTA EN MINERÍA
FLUJOS DE INVERSIÓN EXTRANJERA DIRECTA EN COLOMBIA SEGÚN ACTIVIDAD ECONOMICA

INFORMACIÓN MINERA

PRODUCCIÓN MINERA NACIONAL DE MINERALES
RESERVAS DE CARBÓN
PRODUCCIÓN Y EXPORTACIONES DE CARBÓN POR DEPARTAMENTO
PRODUCCIÓN POR TIPO DE CARBÓN
PRODUCCIÓN, EXPORTACIONES Y CONSUMO DE COQUE
PRODUCCIÓN POR TIPO DE MINERÍA
PRODUCCIÓN DE CARBÓN POR EMPRESA
PRODUCCIÓN DE ORO POR DEPARTAMENTO
PRODUCCIÓN DE PLATA POR DEPARTAMENTO
PRODUCCIÓN DE PLATINO POR DEPARTAMENTO
PRODUCCIÓN DE NÍQUEL CONTENIDO EN FERRONIQUEL
EXPORTACIONES MENSUALES DE ESMERALDAS
EXPORTACIONES DE CARBÓN TÉRMICO POR PAÍS DE DESTINO
IMPUESTOS Y REGALÍAS RECAUDADOS DE LOS PRINCIPALES MINERALES
PRECIOS INTERNOS DE CARBÓN Y COQUE

INFORMACIÓN INTERNACIONAL DE CARBÓN

PRECIOS INTERNACIONALES DE MINERALES



PRODUCTO INTERNO BRUTO (PIB) DE ALGUNAS ACTIVIDADES ECONÓMICAS

Serie 2016-2021Pr Segundo trimestre / Miles de Millones de Pesos (\$) Constantes

Periodo	2016	2017	2018	2019 P	2020 Pr	II Trim. 2021 Pr
Agricultura, ganadería, caza, silvicultura y pesca	49,441	52,198	53,030	54,273	55,662	27,618
Explotación de minas y canteras	46,253	43,592	42,868	43,577	36,616	17,816
Industrias manufactureras	103,006	101,135	102,627	103,810	95,820	51,091
Suministro de electricidad, gas y agua	24,597	25,307	25,952	26,604	25,923	12,997
Construcción	60,125	58,907	58,156	57,044	42,342	21,396
Comercio, reparación, transporte, restaurantes y hoteles	139,066	141,652	145,438	150,845	127,983	68,877
Información y comunicaciones	23,804	23,758	24,595	24,854	24,215	12,488
Establecimientos financieros, seguros, actividades inmobiliarias y S.E.	108,015	27,521	27,923	28,008	28,694	112,146
Actividades profesionales, científicas, artísticas, administración pública y defensa	192,227	43,233	47,691	48,642	57,922	197,488
Valor agregado bruto	746,534	756,875	775,908	800,459	745,432	381,454
Impuestos menos subvenciones sobre los productos	74,955	75,773	78,088	81,549	76,622	40,185
PRODUCTO INTERNO BRUTO	821,489	832,656	854,008	882,029	822,088	421,615
Variación anual		1.36%	2.56%	3.28%	-6.80%	

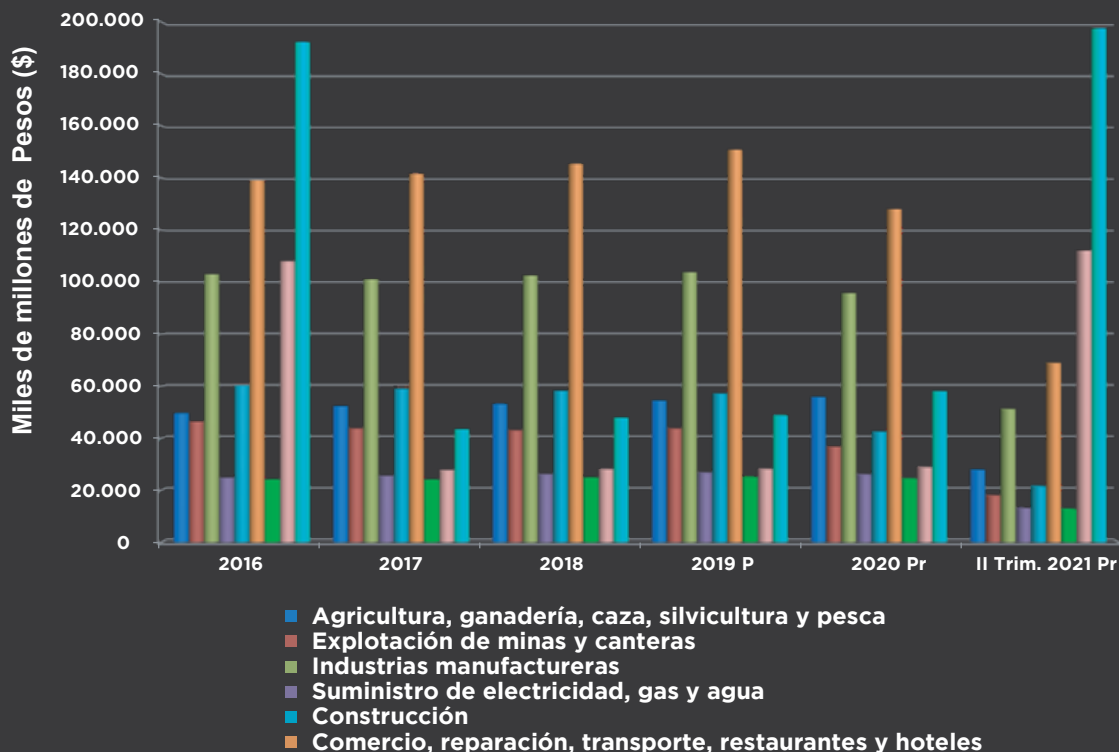
Fuente: DANE

Elaboró: UPME - Subdirección de Minería

P Cifras Provisionales

Pr Cifras Preliminares

EVOLUCIÓN DEL PIB EN ALGUNAS ACTIVIDADES ECONÓMICAS





PRODUCTO INTERNO BRUTO TRIMESTRAL A PRECIOS CONSTANTES POR RAMAS

ECONOMICA BASE 2015 / Miles de Millones de Pesos (\$)

Periodo	2016					2017				
	I	II	III	IV	Anual	I	II	III	IV	Anual
actividades de apoyo industria extractiva	11,671	11,395	11,511	11,675	11,675	10,725	10,871	10,778	11,218	43,592
PIB Minas sin Hidrocarburos	3,810	3,877	4,359	4,502	4,502	3,818	3,809	3,690	4,015	15,332
Extracción de carbón de piedra y lignito	2,309	2,276	2,705	2,741	2,741	2,525	2,446	2,444	2,581	9,996
Extracción de petróleo crudo, gas natural	7,861	7,518	7,152	7,173	7,173	6,938	7,124	7,218	7,252	28,532
Extracción de minerales metalíferos	984	1,028	1,025	1,028	1,028	812	808	653	709	2,982
Extracción de otras minas y canteras	461	518	574	679	679	435	510	549	681	2,175
Actividades de apoyo industria extractiva	55	56	56	54	54	46	45	43	45	179
PRODUCTO INTERNO BRUTO	193,053	200,564	206,217	221,655	221,655	195,021	203,081	209,708	224,845	832,656

Periodo	2018					2019 P				
	I	II	III	IV	Anual	I	II	III	IV	Anual
actividades de apoyo industria extractiva	10,249	10,558	10,828	11,233	42,868	10,788	10,638	10,884	11,268	43,577
PIB Minas sin Hidrocarburos	3,372	3,468	3,622	3,885	14,346	3,517	3,306	3,565	3,927	14,315
Extracción de carbón de piedra y lignito	2,379	2,302	2,351	2,416	9,447	2,403	2,190	2,289	2,446	9,328
Extracción de petróleo crudo, gas natural	6,976	7,227	7,338	7,471	29,011	7,375	7,486	7,472	7,494	29,827
Extracción de minerales metalíferos	534	637	669	734	2,574	647	584	702	776	2,709
Extracción de otras minas y canteras	416	484	556	688	2,144	422	488	530	660	2,100
Actividades de apoyo industria extractiva	43	45	46	47	181	45	44	44	45	178
PRODUCTO INTERNO BRUTO	198,182	208,728	215,726	231,373	854,008	205,252	215,144	222,728	238,905	882,029

Periodo	2020 Pr					2021 Pr		
	I	II	III	IV	Anual	I	II	Anual
actividades de apoyo industria extractiva	110,424	8,358	8,780	9,053	36,616	8,881	8,935	17,816
PIB Minas sin Hidrocarburos	3,219	2,087	2,489	2,626	10,422	2,698	2,780	5,478
Extracción de carbón de piedra y lignito	2,176	1,087	1,203	1,016	5,481	1,534	1,498	3,032
Extracción de petróleo crudo, gas natural	7,325	6,334	6,342	6,462	26,463	6,222	6,041	12,262
Extracción de minerales metalíferos	651	708	881	1,074	3,313	804	943	1,747
Extracción de otras minas y canteras	351	258	369	500	1,477	324	304	628
Actividades de apoyo industria extractiva	42	35	36	37	150	36	36	72
PRODUCTO INTERNO BRUTO	206,456	181,243	204,058	230,332	822,088	208,488	213,127	421,615



VARIACIONES TRIMESTRALES

Periodo	2017				2018			
	I	II	III	IV	I	II	III	IV
PIB Minas e Hidrocarburos	-8.11%	-4.61%	-6.37%	-3.91%	-4.44%	-2.87%	0.46%	0.13%
PIB Minas sin Hidrocarburos	0.21%	-1.76%	-15.36%	-10.80%	-11.69%	-8.95%	-1.84%	-3.26%
PIB Carbón mineral	9.33%	7.49%	-9.63%	-5.86%	-5.79%	-5.90%	-3.83%	-6.38%
PIB Petróleo crudo, gas natural y minerales de uranio y torio	-11.75%	-5.24%	0.92%	1.10%	0.55%	1.44%	1.66%	3.02%
PIB Minerales metálicos	-17.54%	-21.32%	-36.28%	-30.99%	-34.16%	-21.19%	2.47%	3.45%
PIB Minerales no metálicos	-5.60%	-1.66%	-4.34%	0.34%	-4.37%	-5.01%	1.25%	0.98%
PRODUCTO INTERNO BRUTO	1.02%	1.26%	1.69%	1.44%	1.62%	2.78%	2.87%	2.90%

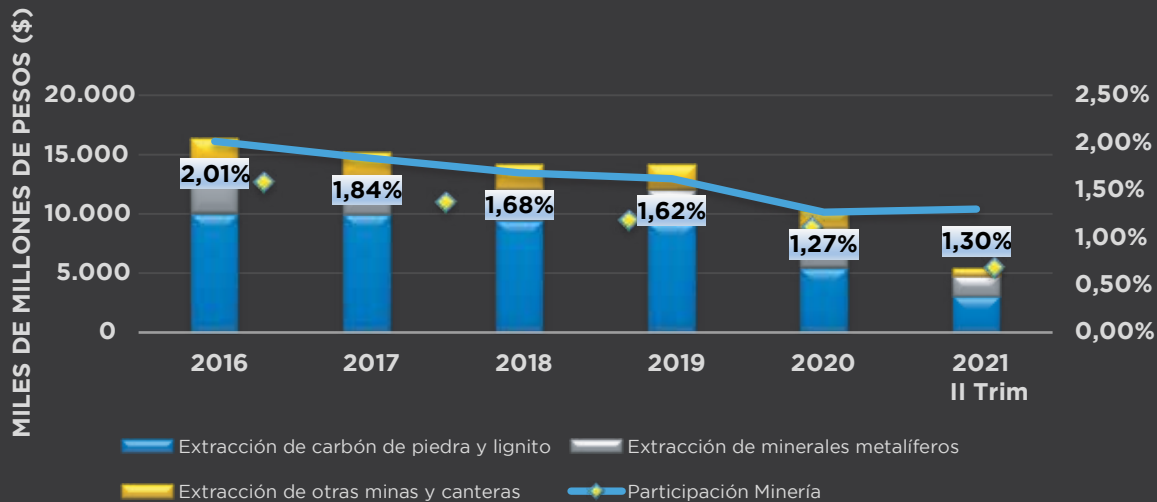
Periodo	2019 P				2020 Pr			
	I	II	III	IV	I	II	III	IV
PIB Minas e Hidrocarburos	5.26%	0.75%	0.52%	0.31%	-3.37%	-21.43%	-19.33%	-19.65%
PIB Minas sin Hidrocarburos	4.30%	-4.67%	-1.56%	1.09%	-8.45%	-36.89%	-30.18%	-33.12%
PIB Carbón mineral	1.00%	-4.84%	-2.61%	1.24%	-9.44%	-50.38%	-47.46%	-58.48%
PIB Petróleo crudo, gas natural y minerales de uranio y torio	5.72%	3.59%	1.83%	0.31%	-0.68%	-15.39%	-15.13%	-13.77%
PIB Minerales metálicos	21.12%	-8.34%	4.91%	5.79%	0.55%	21.17%	25.53%	38.41%
PIB Minerales no metálicos	1.54%	0.76%	-4.68%	-4.08%	-17.03%	-47.21%	-30.29%	-24.25%
PRODUCTO INTERNO BRUTO	3.57%	3.07%	3.25%	3.26%	0.59%	-15.76%	-8.38%	-3.59%



VARIACIONES TRIMESTRALES

Periodo	2021 Pr			
	I	II	III	IV
PIB Minas e Hidrocarburos	-14.80%	6.90%		
PIB Minas sin Hidrocarburos	-16.21%	33.24%		
PIB Carbón mineral	-29.50%	37.81%		
PIB Petróleo crudo, gas natural y minerales de uranio y torio	-15.06%	-4.63%		
PIB Minerales metálicos	23.56%	33.20%		
PIB Minerales no metálicos	-7.66%	18.10%		
PRODUCTO INTERNO BRUTO	0.98%	17.59%		

Participación del Sector Minero en el PIB Total



Fuente: DANE
 Elaboró: UPME - Subdirección de Minería
 Periodicidad Trimestral



VALOR FOB DE LAS EXPORTACIONES MINERO ENERGÉTICAS

2016 - 1^{er} Sem 2021 / Millones de dólares FOB

	2016	2017	2018	2019	2020	1 Sem 2021 Pr
Petróleo y derivados	10,795.58	13,308.02	16,842.69	15,961.95	8,754.77	6,091.19
Carbón	4,638.84	7,389.99	7,447.87	5,668.32	4,165.87	2,053.62
Ferróniquel	327.76	360.54	558.46	545.02	435.44	187.52
Esmeraldas	147.87	144.82	137.87	147.01	42.96	45.74
Oro	1,550.90	1,743.26	1,425.40	1,756.13	2,927.25	1,527.18
Cobre	38.07	58.33	56.85	40.66	54.11	41.74
Otros Minerales Metalicos y No Metalicos	55.40	43.55	42.05	54.76	68.53	34.71
Total minería	6,758.85	9,740.49	9,668.50	8,211.91	7,694.15	3,890.50
Total minería más hidrocarburos	17,554.43	23,048.51	26,511.19	24,173.86	16,448.91	9,981.69

Fuente: DANE - SIMCO

Elaboró: UPME - Subdirección de Minería, Datos a Junio de 2021

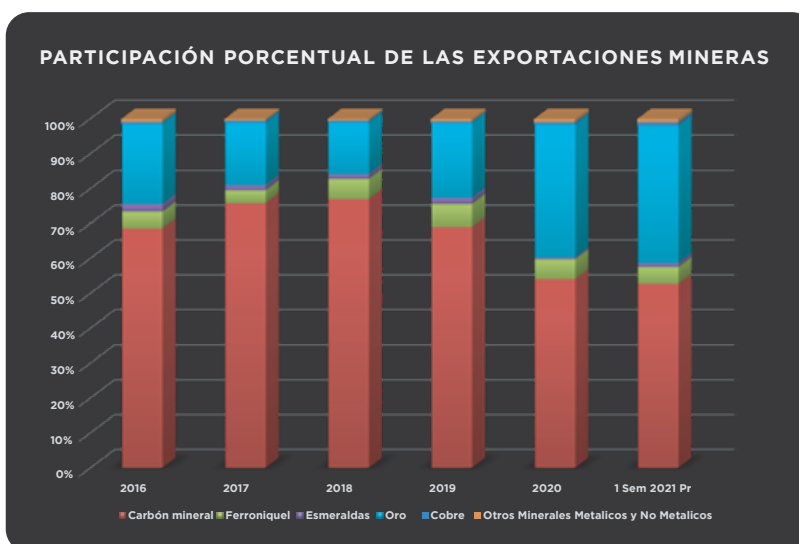
PARTICIPACIÓN PORCENTUAL DE LAS EXPORTACIONES MINERO ENERGÉTICAS

2016 - 1^{er} Sem 2021 / %

	2016	2017	2018	2019	2020	1 Sem 2021 Pr
Valor de las exportaciones totales del país	31,768.3	38,021.9	41,904.8	39,489.2	31,055.8	18,189.0
Minería	21.28%	25.62%	23.07%	20.80%	24.78%	21.39%
Minería más hidroc.	55.26%	60.62%	63.27%	61.22%	52.97%	54.88%
Hidrocarburos	33.98%	35.00%	40.19%	40.42%	28.19%	33.49%
Carbón mineral	14.60%	19.44%	17.77%	14.35%	13.41%	11.29%
Ferróniquel	1.03%	0.95%	1.33%	1.38%	1.40%	1.03%
Esmeraldas	0.47%	0.38%	0.33%	0.37%	0.14%	0.25%
Oro	4.88%	4.58%	3.40%	4.45%	9.43%	8.40%
Cobre	0.12%	0.15%	0.14%	0.10%	0.17%	0.23%
Otros Minerales Metalicos y No Metalicos	0.17%	0.11%	0.10%	0.14%	0.22%	0.19%

Fuente: DANE - SIMCO

Elaboró: UPME - Subdirección de minería, Datos a junio de 2021



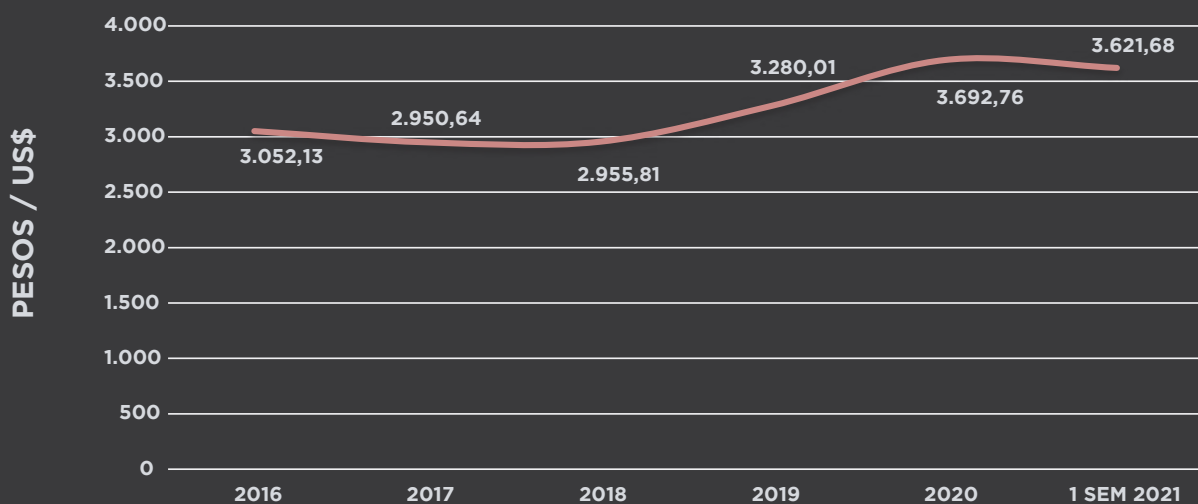


TASA REPRESENTATIVA DEL MERCADO

2016 - 1^{er} Sem 2021 / Pesos/US\$

AÑO	2016	2017	2018	2019	2020	1 Sem 2021
Enero	3,270.20	2,941.40	2,868.57	3,165.19	3,311.19	3,491.32
Febrero	3,354.96	2,879.57	2,860.25	3,115.84	3,411.05	3,554.50
Marzo	3,128.79	2,942.29	2,847.93	3,128.68	3,877.05	3,612.77
Abril	2,997.73	2,877.82	2,766.29	3,155.77	3,977.39	3,650.78
Mayo	2,993.51	2,923.61	2,861.83	3,304.49	3,858.19	3,735.67
Junio	2,992.86	2,957.10	2,889.69	3,260.52	3,701.60	3,685.04
Julio	2,961.00	3,036.58	2,885.32	3,206.60	3,657.87	
Agosto	2,952.77	2,973.20	2,958.67	3,410.73	3,783.03	
Septiembre	2,924.27	2,917.09	3,033.77	3,399.46	3,750.22	
Octubre	2,929.39	2,953.76	3,084.83	3,433.31	3,833.79	
Noviembre	3,110.26	3,013.47	3,194.03	3,401.47	3,685.63	
Diciembre	3,009.86	2,991.76	3,218.55	3,378.05	3,466.13	
Promedio	3,052.13	2,950.64	2,955.81	3,280.01	3,692.76	3,621.68

TASA REPRESENTATIVA DEL MERCADO



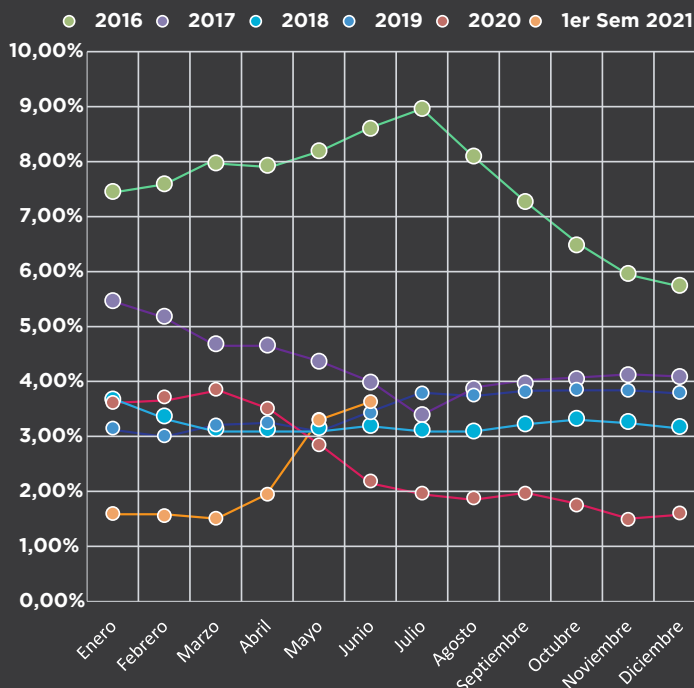


INDICE DE PRECIOS AL CONSUMIDOR - IPC

Variación Anual / 2016 - 1er Sem 2021

AÑO	2016	2017	2018	2019	2020	1 Sem 2021
Enero	7.45%	5.47%	3.68%	3.15%	3.62%	1.60%
Febrero	7.59%	5.18%	3.37%	3.01%	3.72%	1.56%
Marzo	7.98%	4.69%	3.14%	3.21%	3.86%	1.51%
Abril	7.93%	4.66%	3.13%	3.25%	3.51%	1.95%
Mayo	8.20%	4.37%	3.16%	3.31%	2.85%	3.30%
Junio	8.60%	3.99%	3.20%	3.43%	2.19%	3.63%
Julio	8.97%	3.40%	3.12%	3.79%	1.97%	
Agosto	8.10%	3.87%	3.10%	3.75%	1.88%	
Septiembre	7.27%	3.97%	3.23%	3.82%	1.97%	
Octubre	6.48%	4.05%	3.33%	3.86%	1.75%	
Noviembre	5.96%	4.12%	3.27%	3.84%	1.49%	
Diciembre	5.75%	4.09%	3.18%	3.80%	1.61%	

COMPORTAMIENTO DE LA INFLACIÓN 2016, 1ER SEMESTRE DE 2021



Fuente: DANE- BANREP
 Elaboró: UPME - Subdirección de minería, junio de 2021
 Periodicidad Mensual

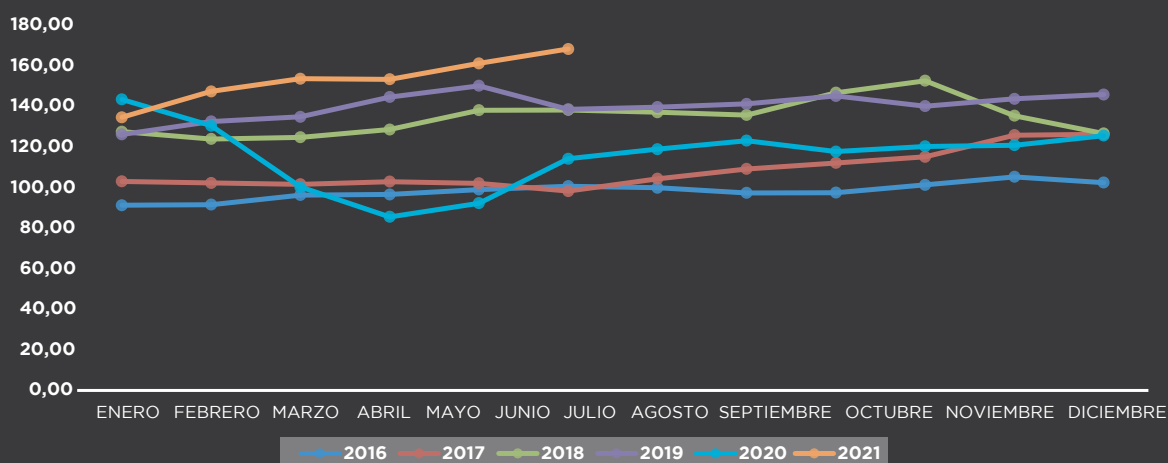


INDICE DE PRECIOS AL PRODUCTOR

Total nacional clasificación CIU / Explotación Minas y Canteras / 2016 - 1^{er} Sem 2021

AÑO	2016	2017	2018	2019	2020	2021
Enero	91.27	103.04	127.54	126.14	143.42	134.64
Febrero	91.53	102.24	123.94	132.57	130.48	147.35
Marzo	96.29	101.60	124.77	134.85	100.22	153.63
Abril	96.58	102.92	128.57	144.57	85.55	153.31
Mayo	98.98	102.05	138.09	150.13	92.26	161.17
Junio	100.63	98.25	138.22	138.56	114.15	168.3
Julio	99.91	104.30	137.10	139.63	118.92	
Agosto	97.33	109.14	135.72	141.21	123.07	
Septiembre	97.44	112.12	146.71	145.12	117.73	
Octubre	101.29	115.15	152.63	140.08	120.27	
Noviembre	105.27	125.79	135.39	143.71	120.86	
Diciembre	102.43	126.22	126.64	145.83	125.57	

Indice de Precios al Productor Explotación de Minas y Canteras



A partir del mes de enero de 2015, el DANE publica un nuevo IPP, el cual tiene entre otras características, el periodo base de comparación diciembre 2014 = 100 y nueva canasta de actividades económicas.

Fuente: Dane y Banco de la República
Elaboró: UPME - Subdirección de minería, junio de 2021
Periodicidad Mensual



FLUJOS DE INVERSIÓN EXTRANJERA DIRECTA SEGÚN ACTIVIDAD ECONÓMICA EN COLOMBIA

I.E.D. / 2016 - 1^{er} Sem 2021 / Millones de US\$

Sector	2016				2017 Pr			
	I	II	III	IV	I	II	III	IV
Sector petrolero	433.2	941.7	383.0	628.4	431.4	996.5	408.0	1,270.4
Minas y Canteras (incluye carbón)	-17.6	4.4	-43.1	-120.7	88.7	381.3	179.7	369.2
Otros sectores	4,248.2	2,715.3	1,860.9	2,647.3	2,027.7	1,495.6	4,548.7	2,522.5
Agricultura, Caza, Silvicultura y Pesca	56.5	70.1	70.4	94.5	59.2	54.3	48.8	51.6
Manufactureras	408.1	552.5	528.1	355.1	782.1	911.1	389.2	285.6
Electricidad, Gas y Agua	2,413.6	566.2	539.7	141.1	102.6	168.5	112.9	28.6
Construcción	132.9	166.2	164.4	149.6	140.8	-132.2	157.2	132.5
Comercio, Restaurantes y Hoteles	140.2	239.2	72.1	455.8	168.8	152.8	129.7	242.8
Transportes, Almacenamiento y Comunicaciones	627.2	326.7	66.1	338.2	177.2	-179.7	2,879.1	417.7
Servicios Financieros y Empresariales	403.7	680.5	449.0	1,107.4	445.4	-20.8	579.2	904.1
Servicios Comunales	83.6	109.5	14.2	126.5	63.1	160.3	72.7	90.4
TOTAL	4,681.4	3,657.0	2,243.9	3,275.7	2,459.1	2,492.2	4,956.7	3,792.9

Sector	2018 p				2019 p			
	I	II	III	IV	I	II	III	IV
Sector petrolero	483.0	861.0	176.7	1,019.3	834.9	733.4	716.9	470.3
Minas y Canteras (incluye carbón)	273.7	499.6	322.4	91.2	505.9	653.0	73.3	129.3
Otros sectores	1,499.4	2,912.0	2,527.7	1,819.7	2,558.8	3,356.7	2,446.2	2,871.9
Agricultura, Caza, Silvicultura y Pesca	32.3	68.3	58.20	45.53	73.79	84.50	120.42	86.25
Manufactureras	167.3	756.3	-236.77	622.93	451.10	519.19	286.83	242.12
Electricidad, Gas y Agua	64.6	-245.0	125.71	195.72	174.20	44.19	71.76	25.87
Construcción	137.3	56.7	169.99	122.20	152.34	142.09	298.18	288.81
Comercio, Restaurantes y Hoteles	223.8	333.1	288.73	300.66	274.65	357.20	217.30	1,276.16
Transportes, Almacenamiento y Comunicaciones	26.9	582.8	537.42	402.85	219.26	284.99	327.35	174.53
Servicios Financieros y Empresariales	482.3	764.9	1,186.65	-76.32	563.04	1,090.18	976.51	502.57
Servicios Comunales	91.2	95.1	75.34	114.89	144.48	181.41	74.57	146.31
TOTAL	1,982.3	3,772.9	2,704.4	2,839.0	3,393.7	4,090.2	3,163.1	3,342.2

p: Preliminar

1/ El flujo de inversión reportado en balanza de pagos no coincide con la variación del saldo de registros, porque en la balanza se incorporan las estadísticas según la fecha de realización y no la de registro.

Fuente: Banco de la República - Subgerencia de Estudios Económicos.

Elaboró: UPME - Subdirección de Minería

Periodicidad Trimestral

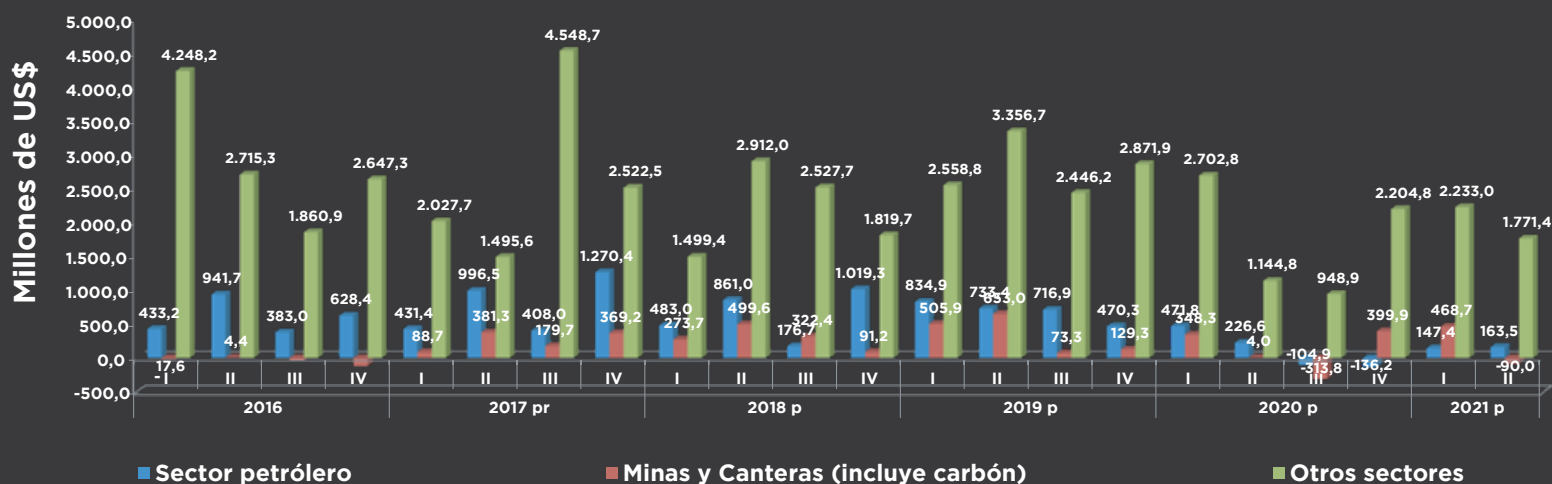


FLUJOS DE INVERSIÓN EXTRANJERA DIRECTA SEGÚN ACTIVIDAD ECONÓMICA EN COLOMBIA

I.E.D. / 2016 - 1^{er} Sem 2021 / Millones de US\$

Sector	2020 p				2021 p			
	I	II	III	IV	I	II	III	IV
Sector petrolero	471.8	226.6	-104.9	-136.2	147.4	163.5		
Minas y Canteras (incluye carbón)	348.3	4.0	-313.8	399.9	468.7	-90.0		
Otros sectores	2,702.8	1,144.8	948.9	2,204.8	2,233.0	1,771.4		
Agricultura, Caza, Silvicultura y Pesca	62.38	60.43	-2.28	72.22	59.09	47.47		
Manufactureras	307.03	117.74	358.78	110.39	-11.96	202.62		
Electricidad, Gas y Agua	660.68	2.53	73.03	27.60	146.66	225.74		
Construcción	199.69	107.59	73.18	28.82	90.55	93.59		
Comercio, Restaurantes y Hoteles	241.31	237.18	153.91	214.18	157.72	204.84		
Transportes, Almacenamiento y Comunicaciones	138.89	10.46	-130.19	518.47	674.16	368.17		
Servicios Financieros y Empresariales	417.42	396.53	466.40	640.12	483.95	610.02		
Servicios Comunales	327.10	208.31	269.85	193.09	164.16	108.97		
TOTAL	3,174.6	1,371.4	844.0	2,068.7	2,380.4	1,934.9		

Flujo de IED en Colombia



p: Preliminar

1/ El flujo de inversión reportado en balanza de pagos no coincide con la variación del saldo de registros, porque en la balanza se incorporan las estadísticas según la fecha de realización y no la de registro.

Fuente: Banco de la República - Subgerencia de Estudios Económicos.

Elaboró: UPME - Subdirección de Minería

Periodicidad Trimestral



DESAGREGACIÓN DE LA IED EN MINAS Y CANTERAS

Millones de Dolares

ACTIVIDAD	2016				2017 Pr			
	I	II	III	IV	I	II	III	IV
EXPLORACION DE MINAS Y CANTERAS	-17.6	4.4	-43.1	-120.7	88.7	381.3	179.7	369.2
Sector Petrolero	433.4	941.2	383.0	628.6	431.4	997	408.0	1,270.4
Extracción de carbón, lignito y turba	-45.7	-46.0	-58.2	-173.8	114.0	358	116.3	285.0
Extracción de minerales metalíferos	26.9	25.8	20.5	38.2	24.0	44	85.0	79.0
Reinversión de Utilidades y Otras Actividades	4.0	6.0	7.0	8.0	5.0	13	14.0	17.0
Flujo Neto Sector Minero - Energético	418.6	927.0	352.3	501.0	574.4	1,412.0	623.3	1,651.4
TOTAL INVERSION EXTRANJERA DIRECTA	4,681.4	3,657.0	2,243.9	3,275.7	2,459.1	2,492.2	4,956.7	3,792.9
Participación IED en Minas y Canteras en Total IED	-0.4%	0.1%	-1.9%	-3.7%	3.6%	15.30%	3.6%	9.7%
Participación IED en el Sector Petroleo en Total IED	9.3%	25.7%	17.1%	19.2%	17.5%	39.99%	8.2%	33.5%
Participación IED en Carbón ,Lignito y turba en Total IED	-1.0%	-1.3%	-2.6%	-5.3%	4.6%	14.38%	2.3%	7.5%
Participación IED en Extracción de Minerales Metalíferos en Total IED	0.6%	0.7%	0.9%	1.2%	1.0%	1.77%	1.7%	2.1%
Participación IED en Otras Actividades en Total IED	0.1%	0.2%	0.3%	0.2%	0.2%	0.5%	0.3%	0.4%

ACTIVIDAD	2018 p				2019 p			
	I	II	III	IV	I	II	III	IV
EXPLORACION DE MINAS Y CANTERAS	273.7	499.6	322	91	506	653	73	129
Sector Petrolero	483.0	861.0	177	1,019	835	733	717	470
Extracción de carbón, lignito y turba	216.8	481.3	320	1	403	539	-63	32
Extracción de minerales metalíferos	84.1	80.2	82	101	92	99	124	88
Reinversión de Utilidades y Otras Actividades	8.2	9.8	8.7	8.2	10.3	15.4	12.2	10.3
Flujo Neto Sector Minero - Energético	792.0	1,432.3	587.1	1,129.5	1,340.8	1,386.4	790.2	599.6
TOTAL INVERSION EXTRANJERA DIRECTA	1,982.3	3,772.9	2,704.4	2,839.0	3,393.7	4,090.2	3,163.1	3,342.2
Participación IED en Minas y Canteras en Total IED	13.8%	13.2%	11.9%	3.2%	14.9%	16.0%	2.3%	3.9%
Participación IED en el Sector Petroleo en Total IED	24.4%	22.8%	6.5%	35.9%	24.6%	17.9%	22.7%	14.1%
Participación IED en Carbón ,Lignito y turba en Total IED	10.9%	12.8%	11.8%	0.0%	11.9%	13.2%	-2.0%	0.9%
Participación IED en Extracción de Minerales Metalíferos en Total IED	4.2%	2.1%	3.0%	3.5%	2.7%	2.4%	3.9%	2.6%
Participación IED en Otras Actividades en Total IED	0.4%	0.3%	0.3%	0.3%	0.3%	0.4%	0.4%	0.3%

pr: Provisional. p: Preliminar

Fuente: Sección Sector Externo, Subgerencia de Estudios Económicos, Banco de la República.

Elaboró: UPME - Oficina de Gestión de la Información

Periodicidad Trimestral



DESAGREGACIÓN DE LA IED EN MINAS Y CANTERAS

Millones de Dolares

ACTIVIDAD	2020 p				2021 p			
	I	II	III	IV	I	II	III	IV
EXPLOTACION DE MINAS Y CANTERAS	348	4	-314	400	469	-90		
Sector Petrolero	472	227	-105	-136	147	163		
Extracción de carbón, lignito y turba	446	-96	-328	-245	436	-132		
Extracción de minerales metalíferos	-90	100	12	597	27	28		
Reinversión de Utilidades y Otras Actividades	-7.5	-0.1	2.0	48.0	6.1	14.2		
Flujo Neto Sector Minero - Energético	820.1	230.6	-418.7	263.8	616.1	73.4		
TOTAL INVERSION EXTRANJERA DIRECTA	3,174.6	1,371.4	844.0	2,068.7	2,380.4	1,934.9		
Participación IED en Minas y Canteras en Total IED	11.0%	0.3%	-37.2%	19.3%	19.7%	-4.7%		
Participación IED en el Sector Petroleo en Total IED	14.9%	16.5%	-12.4%	-6.6%	6.2%	8.4%		
Participación IED en Carbón ,Lignito y turba en Total IED	14.0%	-7.0%	-38.9%	-11.9%	18.3%	-6.8%		
Participación IED en Extracción de Minerales Metalíferos en Total IED	-2.8%	7.3%	1.5%	28.9%	1.1%	1.5%		
Participación IED en Otras Actividades en Total IED	-0.2%	0.0%	0.2%	2.3%	0.3%	0.7%		

pr: Provisional. p: Preliminar

Fuente: Sección Sector Externo, Subgerencia de Estudios Económicos, Banco de la República.

Elaboró: UPME - Oficina de Gestión de la Información

Periodicidad Trimestral



FLUJOS DE INVERSIÓN EXTRANJERA DIRECTA EN COLOMBIA SEGÚN ACTIVIDAD ECONOMICA - BALANZA DE PAGOS / Millones de US\$

AÑOS	t	TOTAL	Sector	Subtotal Resto de sectores	Agricultura, Caza, Silvicultura y Pesca	Minas y Canteras (incluye carbón)	Manufactureras	Electricidad, Gas y Agua
2010	I TRIM	1,205.6	348.6	857.0	2.9	593.8	120.6	27.9
2010	II TRIM	1,944.9	745.2	1,199.7	17.2	307.4	288.8	-135.8
2010	III TRIM	2,348.5	980.7	1,367.8	23.8	591.9	185.5	65.6
2010	IV TRIM	931.0	1,005.3	-74.3	14.3	345.5	-385.0	84.8
2010	TOTAL	6,429.9	3,079.8	3,350.2	58.1	1,838.5	209.8	42.5
2011	I TRIM	3,113.3	950.9	2,162.5	19.2	601.8	226.7	109.5
2011	II TRIM	3,103.7	1,498.5	1,605.2	57.1	598.4	241.4	136.6
2011	III TRIM	3,776.4	1,003.8	2,772.6	34.0	451.9	409.4	57.6
2011	IV TRIM	4,653.7	1,214.4	3,439.3	33.8	772.2	230.8	77.0
2011	TOTAL	14,647.0	4,667.5	9,979.6	144.1	2,424.2	1,108.3	380.8
2012	I TRIM	3,533.3	992.9	2,540.4	16.2	450.3	436.3	311.3
2012	II TRIM	4,233.2	2,446.2	1,787.0	5.1	883.9	112.2	84.4
2012	III TRIM	3,327.8	970.3	2,357.5	20.1	752.1	560.4	151.1
2012	IV TRIM	3,945.7	1,041.6	2,904.2	-24.8	418.0	815.9	85.5
2012	TOTAL	15,040.0	5,450.9	9,589.0	16.6	2,504.3	1,924.7	632.3
2013	I TRIM	3,670.3	967.5	2,702.8	38.2	929.5	304.2	65.3
2013	II TRIM	4,015.1	2,010.1	2,004.9	58.0	821.2	199.9	136.7
2013	III TRIM	4,713.0	982.5	3,730.5	67.4	772.3	1,019.3	127.1
2013	IV TRIM	3,812.1	1,151.3	2,660.7	129.5	585.0	614.4	64.6
2013	TOTAL	16,210.4	5,111.5	11,098.9	293.0	3,108.1	2,137.7	393.6
2014	I TRIM	3,789.9	815.5	2,974.4	32.9	951.3	614.8	36.0
2014	II TRIM	4,945.4	1,919.6	3,025.8	29.7	906.8	517.7	137.3
2014	III TRIM	3,673.2	1,093.6	2,579.5	110.1	279.4	783.5	193.8
2014	IV TRIM	3,760.2	903.1	2,857.1	21.3	27.8	910.0	96.1
2014	TOTAL	16,168.7	4,731.8	11,436.9	194.0	2,165.2	2,826.0	463.3
2015	I TRIM	3,299.1	1,036.2	2,262.8	48.9	515.1	807.2	47.1
2015	II TRIM	4,081.8	1,109.5	2,972.3	61.9	296.4	753.4	50.0
2015	III TRIM	2,210.1	687.5	1,522.6	27.0	-88.2	582.2	52.3
2015	IV TRIM	2,132.9	-266.9	2,399.7	56.0	-115.7	495.4	124.9
2015	TOTAL	11,723.9	2,566.4	9,157.5	193.8	607.6	2,638.2	274.3
2016	I TRIM	4,684.3	433.4	4,250.9	56.5	-14.8	408.1	2,413.6
2016	II TRIM	3,638.0	941.2	2,696.8	70.1	-14.2	552.5	566.2
2016	III TRIM	2,256.2	383.0	1,873.2	70.4	-30.7	528.1	539.7
2016	IV TRIM	3,269.0	628.6	2,640.4	94.5	-127.6	355.1	141.1
2016	TOTAL	13,847.6	2,386.2	11,461.4	291.5	-187.4	1,843.8	3,660.6
2017 pr	I TRIM	2,513.4	431.4	2,082.1	59.2	143.0	782.1	102.6
2017 pr	II TRIM	2,526.3	996.5	1,529.8	54.3	415.5	911.1	168.5
2017 pr	III TRIM	4,992.3	408.0	4,584.2	48.8	215.3	389.2	112.9
2017 pr	IV TRIM	3,804.7	1,270.4	2,534.3	51.6	381.0	285.6	28.6
2017 pr	TOTAL	13,836.7	3,106.3	10,730.4	213.9	1,154.8	2,368.0	412.6
2018 p	I TRIM	2,007.1	483.0	1,524.1	31.6	309.1	167.3	64.6
2018 p	II TRIM	3,845.8	861.0	2,984.8	67.5	571.3	756.3	-245.0
2018 p	III TRIM	2,798.8	176.7	2,622.0	57.6	410.4	-236.8	125.7
2018 p	IV TRIM	2,883.4	1,019.3	1,864.1	45.0	110.1	622.9	195.7
2018 p	TOTAL	11,535.1	2,540.0	8,995.1	201.7	1,400.9	1,309.8	141.1
2019 p	I TRIM	3,390.2	834.9	2,555.3	73.8	516.7	450.9	174.2
2019 p	II TRIM	4,148.4	733.4	3,415.0	84.5	730.3	519.0	44.2
2019 p	III TRIM	3,303.5	716.9	2,586.6	120.4	233.0	286.7	71.8
2019 p	IV TRIM	3,471.7	470.3	3,001.4	86.3	277.5	242.1	25.9
2019 p	TOTAL	14,313.7	2,755.5	11,558.3	365.0	1,757.4	1,498.7	316.0
2020 p	I TRIM	3,455.7	649.3	2,806.4	55.9	477.5	252.4	667.8
2020 p	II TRIM	1,340.4	291.3	1,049.1	54.4	149.6	49.1	37.9



FLUJOS DE INVERSIÓN EXTRANJERA DIRECTA EN COLOMBIA SEGÚN ACTIVIDAD ECONOMICA - BALANZA DE PAGOS / Millones de US\$

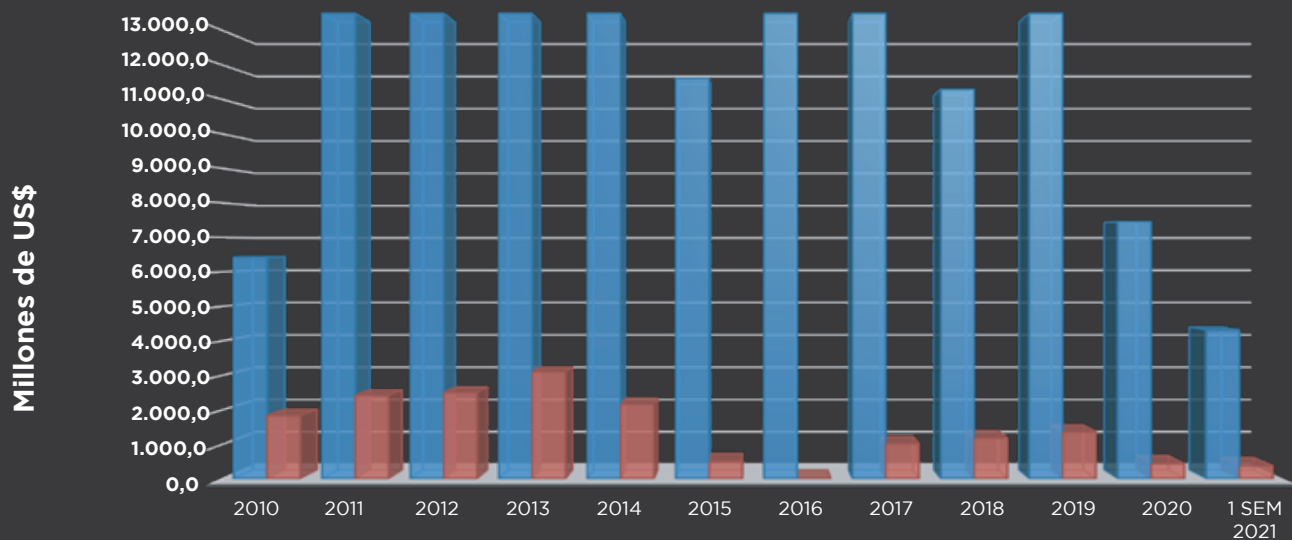
AÑOS	t	Construcción	Comercio, Restaurantes y Hoteles	Transportes, Almacenamiento y Comunicaciones	Establecimientos Financieros	Servicios Comunes
2010	I TRIM	63.4	10.7	57.3	-31.2	11.7
2010	II TRIM	59.8	77.9	96.7	453.4	34.4
2010	III TRIM	88.1	97.8	25.1	264.4	25.8
2010	IV TRIM	90.5	34.9	-535.2	229.7	46.1
2010	TOTAL	301.8	221.3	-356.1	916.2	118.0
2011	I TRIM	118.9	299.7	672.5	114.8	-0.8
2011	II TRIM	116.3	226.3	273.0	24.7	-68.7
2011	III TRIM	121.1	1,088.1	341.1	363.7	-94.3
2011	IV TRIM	88.0	818.1	462.4	970.0	-12.9
2011	TOTAL	444.4	2,432.3	1,749.0	1,473.3	-176.7
2012	I TRIM	154.4	532.8	484.9	52.2	102.0
2012	II TRIM	62.6	268.8	128.7	175.0	66.2
2012	III TRIM	86.7	250.1	23.9	416.3	96.7
2012	IV TRIM	97.7	323.6	549.1	552.3	86.9
2012	TOTAL	401.5	1,375.2	1,186.7	1,195.8	351.9
2013	I TRIM	26.1	460.2	325.8	475.1	78.3
2013	II TRIM	66.0	164.6	321.8	135.5	101.4
2013	III TRIM	147.2	205.3	538.7	755.3	98.0
2013	IV TRIM	118.5	345.0	231.4	522.9	49.5
2013	TOTAL	357.8	1,174.9	1,417.7	1,888.8	327.1
2014	I TRIM	134.7	22.5	525.7	592.5	64.0
2014	II TRIM	153.0	143.1	420.7	639.7	77.8
2014	III TRIM	178.4	138.2	436.2	507.7	-47.6
2014	IV TRIM	181.8	30.4	598.0	903.1	88.6
2014	TOTAL	647.8	334.2	1,980.5	2,642.9	182.9
2015	I TRIM	68.5	503.8	-312.9	510.2	74.9
2015	II TRIM	217.8	437.3	280.7	799.0	75.8
2015	III TRIM	201.0	322.4	202.8	177.4	45.6
2015	IV TRIM	205.6	287.0	559.2	748.8	38.6
2015	TOTAL	692.9	1,550.5	729.9	2,235.4	234.9
2016	I TRIM	132.9	140.2	627.2	403.7	83.6
2016	II TRIM	166.2	239.2	326.7	680.5	109.5
2016	III TRIM	164.4	72.1	66.1	449.0	14.2
2016	IV TRIM	149.6	455.8	338.2	1,107.4	126.5
2016	TOTAL	613.0	907.3	1,358.2	2,640.5	333.7
2017 pr	I TRIM	140.8	168.8	177.2	445.4	63.1
2017 pr	II TRIM	-132.2	152.8	-179.7	-20.8	160.3
2017 pr	III TRIM	157.2	129.7	2,879.1	579.2	72.7
2017 pr	IV TRIM	132.5	242.8	417.7	904.1	90.4
2017 pr	TOTAL	298.3	694.1	3,294.3	1,907.9	386.5
2018 p	I TRIM	127.3	223.8	26.9	482.3	91.2
2018 p	II TRIM	58.7	333.1	582.8	764.9	95.1
2018 p	III TRIM	177.0	288.7	537.4	1,186.7	75.3
2018 p	IV TRIM	148.2	300.7	402.8	-76.3	114.9
2018 p	TOTAL	511.2	1,146.3	1,550.0	2,357.5	376.5
2019 p	I TRIM	152.3	274.7	219.2	548.9	144.5
2019 p	II TRIM	142.1	357.2	284.8	1,071.4	181.5
2019 p	III TRIM	298.2	217.2	327.7	957.0	74.6
2019 p	IV TRIM	288.8	1,276.2	175.9	482.5	146.2
2019 p	TOTAL	881.4	2,125.2	1,007.7	3,059.8	546.9
2020 p	I TRIM	187.8	277.9	74.5	471.4	341.1
2020 p	II TRIM	81.4	182.3	-193.6	481.2	206.7



FLUJOS DE INVERSION EXTRANJERA DIRECTA EN COLOMBIA SEGÚN ACTIVIDAD ECONOMICA - BALANZA DE PAGOS / Millones de US\$

AÑOS	Inversion total	Minas y Canteras (incluye carbón)
2010	6,430.0	1,838.5
2011	14,647.0	2,424.2
2012	15,040.0	2,504.3
2013	16,210.4	3,108.1
2014	16,168.7	2,165.2
2015	11,620.5	504.2
2016	13,857.9	-177.0
2017	13,700.9	1,019.0
2018	11,298.7	1,186.9
2019	13,989.2	1,361.5
2020	7,458.6	438.4
1 Sem 2021	4,315.3	378.6

Inversión Extranjera Directa en Colombia



	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1 Sem 2021
■ Inversion total	6.430,0	14.647,0	15.040,0	16.210,4	16.168,7	11.620,5	13.857,9	13.700,9	11.298,7	13.989,2	7.458,6	4.315,3
■ Minas y Canteras (incluye carbón)	1.838,5	2.424,2	2.504,3	3.108,1	2.165,2	504,2	-177,0	1.019,0	1.186,9	1.361,5	438,4	378,6

Fuente: Banco de la República- Subgerencia de Estudios Económicos.

p: Preliminar

Elaboró: UPME - Oficina de Gestión de la Información

Periodicidad Trimestral



PRODUCCIÓN MINERA NACIONAL DE MINERALES

2012 - 1^{er} sem 2021

Mineral	Unidad	2012	2013	2014	2015	2016
EMINERALES PRECIOSOS						
Oro (1)	Kilogramos	66,222	55,969	57,895	59,638	63,157
Plata (1)	Kilogramos	19,451	14,046	11,692	11,602	11,866
Platino (1)	Kilogramos	1,460	1,520	1,142	861	917
MINERALES NO METALICOS						
Sal Terrestre (1)	Toneladas	308,547	339,737	494,185	334,877	354,791
Sal Marina (1)	Toneladas	5,117	18,001	36,786	95,652	176,021
Azufre (1)	Toneladas	63,790	52,470	48,513	76,239	76,331
Calizas (para cemento) (1)	Miles deToneladas	11,028	19,143	19,133	20,515	20,430
MINERALES METALICOS						
Mineral de Hierro (1)	Toneladas	827,447	831,280	676,525	902,451	715,881
Ni contenido en Ferroniquel (1)	Toneladas (**)	52,373	49,320	41,221	36,671	37,091
MINERALES COMBUSTIBLES						
Carbón (1)	Miles de Toneladas	89,812	86,023	89,412	86,470	91,179
PIEDRAS PRECIOSAS						
Esmeraldas (1) (*)	Miles de Quilates	1,487	2,674	2,308	2,263	3,578

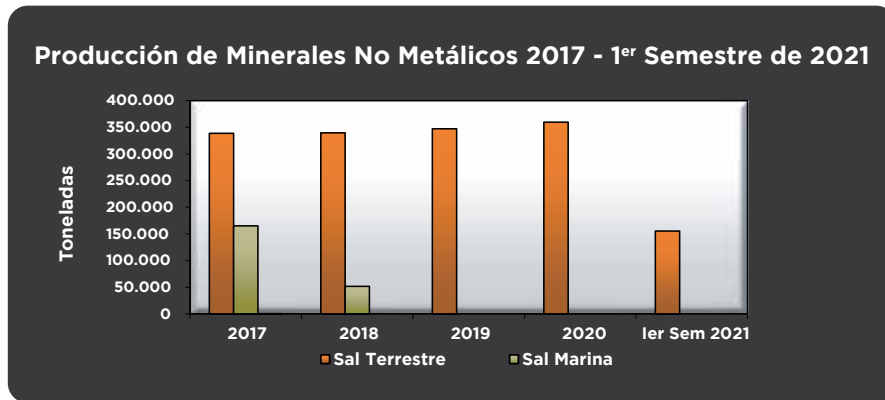
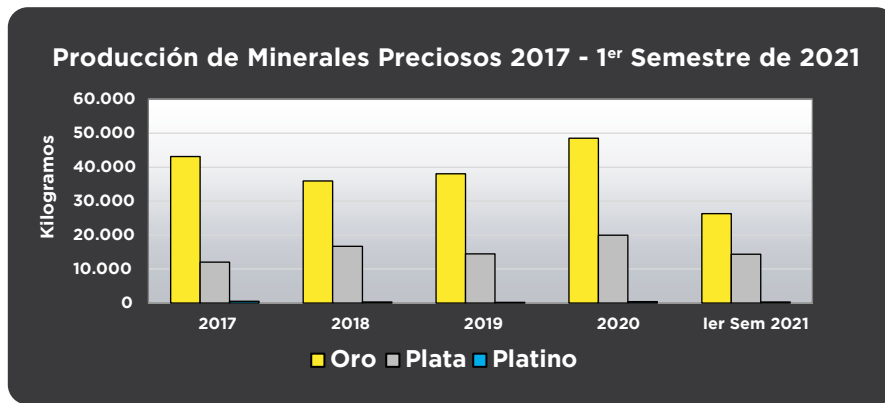
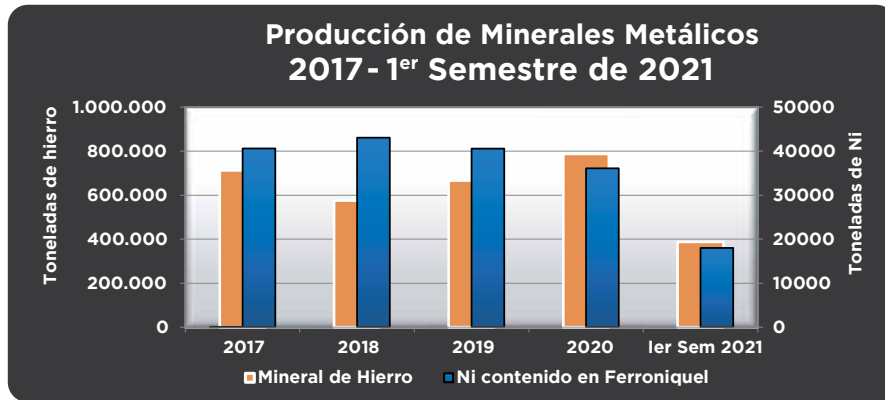
Mineral	Unidad	2017	2018	2019	2020	1 ^{er} sem 2021
EMINERALES PRECIOSOS						
Oro (1)	Kilogramos	43,158	43,158	38,007	48,477	26,370
Plata (1)	Kilogramos	12,076	12,076	14,479	19,931	14,379
Platino (1)	Kilogramos	567	567	178	414	301
MINERALES NO METALICOS						
Sal Terrestre (1)	Toneladas	338,663	338,663	347,183	359,559	155,422
Sal Marina (1)	Toneladas	165,126	165,126	NR	NR	NR
Azufre (1)	Toneladas	NR	NR	NR	NR	NR
Calizas (para cemento) (1)	Miles deToneladas	18,830	18,830	19,857	17,354	8,332
MINERALES METALICOS						
Mineral de Hierro (1)	Toneladas	712,868	712,868	666,624	786,557	387,740
Ni contenido en Ferroniquel (1)	Toneladas (**)	40,606	40,606	40,571	36,094	17,997
MINERALES COMBUSTIBLES						
Carbón (1)	Miles de Toneladas	91,291	91,291	85,169	52,317	26,602
PIEDRAS PRECIOSAS						
Esmeraldas (1) (*)	Miles de Quilates	2,412	2,412	655	1,585	676

Fuente: 1, Agencia Nacional de Minería, los datos tienen revisiones retroactivas por parte de la Agencia en virtud de las declaraciones de regalías presentadas extemporaneamente. NR: la ANM no reporta producción para este mineral
Elaboró: UPME - Subdirección de Minería



PRODUCCIÓN MINERA NACIONAL DE MINERALES

2012 - 1^{er} sem 2021



Fuente: 1, Agencia Nacional de Minería, los datos tienen revisiones retroactivas por parte de la Agencia en virtud de las declaraciones de regalías presentadas extemporaneamente. NR: la ANM no reporta producción para este mineral
Elaboró: UPME - Subdirección de Minería



RESERVAS DE CARBÓN

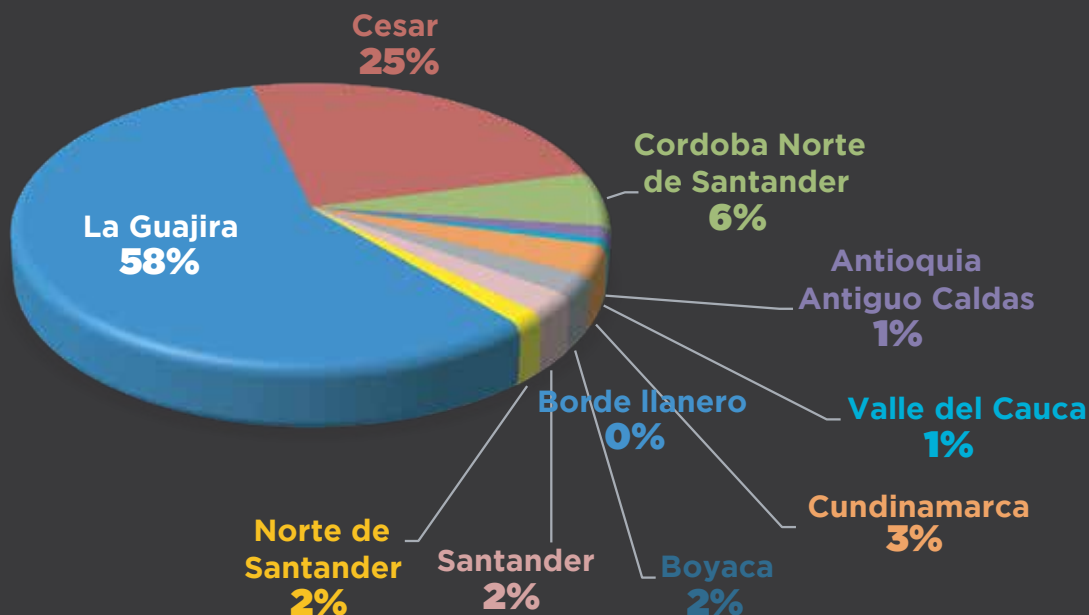
Millones de Toneladas

Zona Carbonífera	Reservas Medidas 2017	Indicadas 2012	Reservas Inferidas 2012	Potencial BASE 2012	Calidad Promedio BTU/Lb
La Guajira	3,493.40	673.2	520.6	4,687.2	11,586
Cesar	1,487.40	2,751.8	136.4	4,375.6	11,737
Cordoba Norte de Santander	376.1	341.0	0.0	717.1	9,280
Antioquia Antiguo Caldas	86.2	225.8	132.4	444.4	10,337
Valle del Cauca	40.1	92.1	97.9	230.1	9,891
Cundinamarca	208.6	756.8	851.9	1,817.3	12,700
Boyaca	139.7	1,069.6	1,770.6	2,979.9	12,868
Santander	146.5	257.2	176.5	580.2	11,227
Norte de Santander	93.1	317.4	366.8	777.3	13,269
Borde llanero	0.76	0.0	4.5	5.3	11,647
TOTAL	6,071.9	4,571.1	4,237.4	16,609.1	11,454.1

Fuente: SIMCO; Servicio Geológico Colombiano, "Mapa potencial carbonífero de Colombia", 2012

Elaboró: UPME - Actualizó Subdirección de Información, Cálculos y actualización reservas medidas 2017: Dirección de Minería Empresarial MME. Periodicidad anual, última información disponible

RESERVAS DE CARBÓN MEDIDAS - 2017





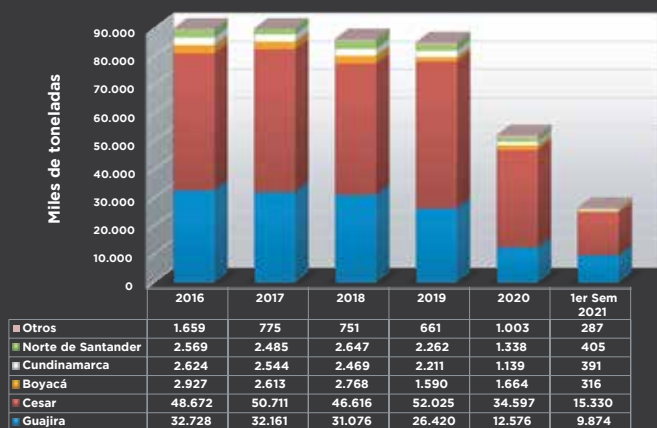
PRODUCCIÓN DE CARBÓN POR DEPARTAMENTO

Miles de toneladas / 2016- 1er Sem2021

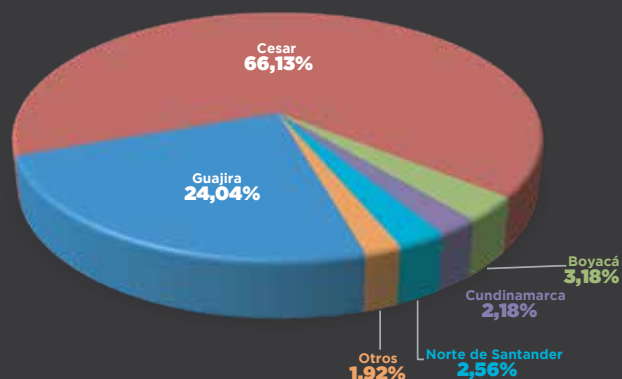
Zona Carbonífera	Departamento	2016	2017	2018	2019	2020	1er Sem 2021
Zona Costa Norte	Cesar	48,672	50,711	46,616	52,025	34,597	15,330
	Guajira	32,728	32,161	31,076	26,420	12,576	9,874
Zona Interior	Antioquia	195	118	91	79	15	0
	Boyacá	2,927	2,613	2,768	1,590	1,664	316
	Córdoba	1,247	423	261	337	913	233
	Casanare	2	0	2	1	0	0
	Cauca	10	43	62	24	5	1
	Cundinamarca	2,624	2,544	2,469	2,211	1,139	391
Zona Santanderes	Valle del Cauca	64	28	18	12	7	8
	Norte de Santander	2,569	2,485	2,647	2,262	1,338	405
	Santander	141	163	316	209	64	44
Total Producción Nacional		91,179	91,291	86,327	85,169	52,317	26,602
Principales productores		89,520	90,516	85,576	84,508	51,314	26,316
Otros		1,659	775	751	661	1,003	287

Nota: Los datos son basados en pago de regalías.
Fuente: SIMCO, Agencia Nacional de Minería ANM
Elaboró:UPME - Subdirección de minería.

APORTE POR DEPARTAMENTO A LA PRODUCCIÓN NACIONAL



PARTICIPACIÓN POR DEPARTAMENTO EN LA PRODUCCIÓN DE CARBÓN DEL AÑO 2020



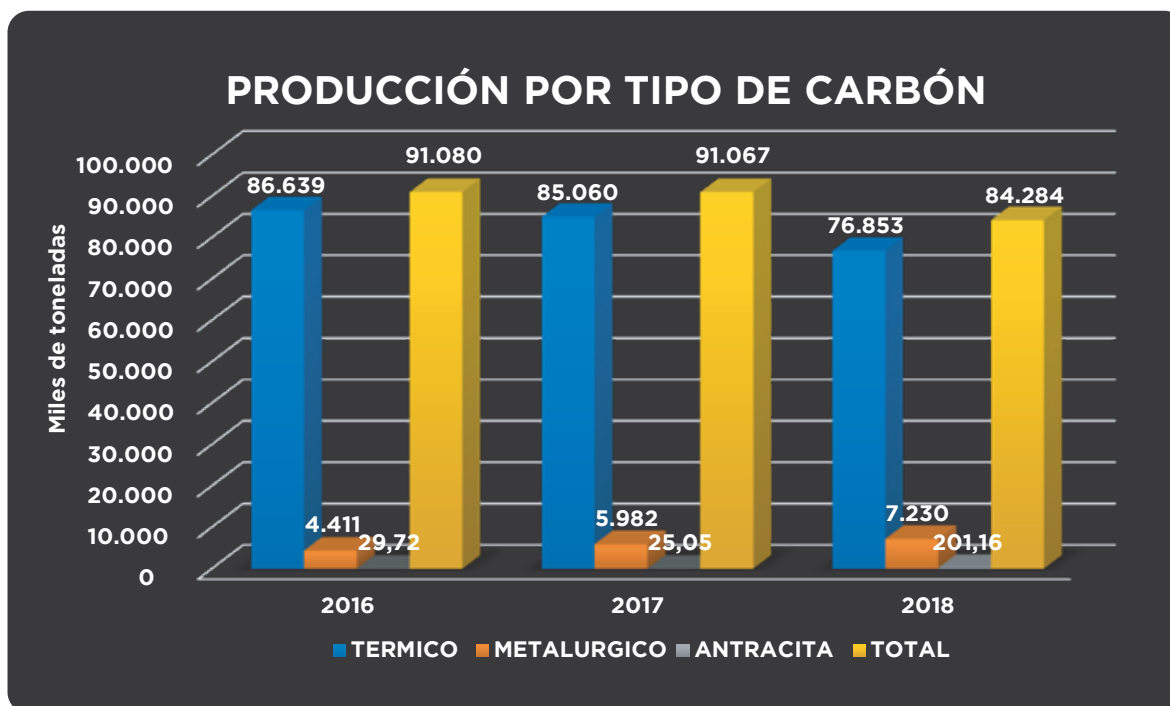


PRODUCCIÓN POR TIPO DE CARBÓN

Miles de toneladas / 2016 - 1^{er} Sem2018

AÑOS	TERMICO	METALURGICO	ANTRACITA	TOTAL
2011	81,383	4,419	1.49	85,803
2012	84,118	4,906	0.59	89,024
2013	80,600	4,893	3.20	85,496
2014	83,468	5,104	5.62	88,578
2015	80,717	4,824	7.13	85,548
2016	86,639	4,411	29.72	91,080
2017	85,060	5,982	25.05	91,067
2018	76,853	7,230	201.16	84,284

Fuente: SIMCO, ANM y UPME (Balance Energético Nacional), Cálculos UPME según registros de declaración de producción ANM Información preliminar
Elaboró: UPME - Oficina de Gestión de la Información



Fuente: SIMCO, DANE (Comercio Exterior), Servicio Geológico Colombiano, ANM y UPME (Balance Energético Nacional), Cálculos UPME
Elaboró: UPME - Oficina de Gestión de la Información



PRODUCCIÓN, EXPORTACIONES Y CONSUMO DE COQUE

Miles de toneladas / 2015-2017

	2010	2011	2012	2013	2014	2015
Producción	2,083.82	1,887.360	2,146.67	2,270.32	2,344.80	2,164.37
Exportaciones	1,695.08	1,511.470	1,783.85	1,892.93	1,972.17	1,916.87
Consumo Nacional	388.73	375.890	362.818	377.400	372.622	247.500

	2016	2017	2018	2019	2020	2021 1er sem
Producción	2,042.50	2,821.05				
Exportaciones	1,772.61	2,521.76	3,098.53	3,147.13	3,342.98	1,961.90
Consumo Nacional	269.90	299.30				

Fuente: SIMCO, Productores, Comercializadoras y datos de comercio exterior DANE.
Elaboró: UPME - Oficina de Gestión de la Información



PRODUCCIÓN POR TIPO DE MINERÍA

Miles de toneladas / 2010-1^{er} sem 2021

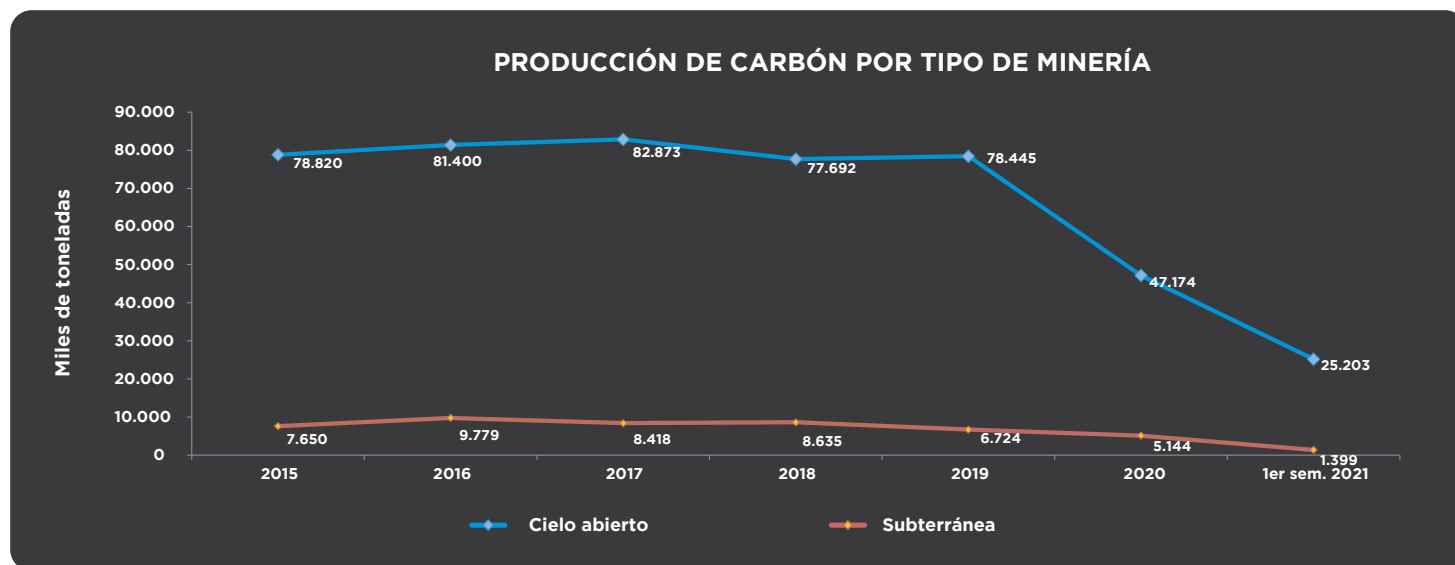
Zona Carbonífera	2010	2011	2012	2013	2014	2015
Cielo abierto	67,350	77,231	81,866	78,134	81,763	78,820
Subterránea	7,000	8,573	7,946	7,888	7,649	7,650
Porcentaje producción C.A.	90.59%	90.01%	91.15%	90.83%	91.45%	91.15%
Porcentaje producción Subterránea	9.41%	9.99%	8.85%	9.17%	8.55%	8.85%

Zona Carbonífera	2016	2017	2018	2019	2020	1er sem. 2021
Cielo abierto	81,400	82,873	77,692	78,445	47,174	25,203
Subterránea	9,779	8,418	8,635	6,724	5,144	1,399
Porcentaje producción C.A.	89.27%	90.78%	90.00%	92.11%	90.17%	94.74%
Porcentaje producción Subterránea	10.73%	9.22%	10.00%	7.89%	9.83%	5.26%

Fuente: SIMCO, Agencia Nacional de Minería ANM

Elaboró: UPME - Oficina de Gestión de la Información

'Nota: Los datos reportados corresponden a la información reportada por la ANM por concepto de pago de regalías.



Más del **90%** de la producción de carbón de Colombia es extraído en las zonas mineras del Cesar y La Guajira por empresas como BHP-Billiton, Xtrata, Drummond, entre otras, quienes desarrollan actividades de extracción a cielo abierto. El **10%** restante de la producción es generado por pequeños y medianos mineros como Carbones del Caribe, Argos, Milpa, Gemsa, entre otros, en las zonas mineras de Córdoba, Cundinamarca, Boyacá, Norte de Santander, Santander, Antioquia y Valle-Cauca. La extracción minera en estas regiones es subterránea.



PRODUCCIÓN DE CARBÓN POR PROYECTO

Miles de Toneladas / 2016-Primer Semestre 2021

Zona Carbonífera	Proyectos	2016	2017	2018	2019	2020	1er Sem 2021
La Guajira	C. CERREJON ZONA NORTE	19,835.35	16,977.46	17,378.02	16,088.73	7,191.53	6,092.22
	PATILLA - C.C ZONA NORTE	2,736.99	3,830.46	2,637.43	587.45	344.02	256.31
	OREGANAL	4,393.60	6,153.90	6,457.98	4,705.72	1,139.61	1,517.79
	AREA LA COMUNIDAD	5,761.93	5,199.53	4,602.62	4,275.51	2,223.49	2,878.44
	CAYPA				762.30	222.59	52.11
Total La Guajira	TOTAL GUAJIRA	32,727.87	32,161.35	31,076.04	25,657.39	11,121.24	10,796.86
Cesar	LA LOMA	14,536.79	13,659.65	9,180.83	9,499.61	7,843.79	3,700.96
	EL DESCANSO	13,882.59	18,822.11	21,599.50	23,144.80	21,435.86	11,435.07
	EL COROZO						93.94
	LA JAGUA	3,483.23	2,618.43	3,025.66	3,891.71	31.39	9.16
	LA JAGUA	0.00	0.00	0.00	82.04	996.55	36.01
	YERBABUENA	2,743.56	2,157.11	1,658.76	1,549.31	759.96	4.80
	CALENTURITAS	11,065.27	9,848.79	7,002.53	9,809.81	2,383.76	0.00
	LA FRANCIA	2,960.20	2,973.41	1,958.86	1,699.92	354.22	43.37
	EL HATILLO	0.00	631.72	2,189.80	2,348.06	1,171.79	121.81
LA DIVISA (CERRO LARGO)	0.00	0.00	0.00	0.00	ND	ND	
Total Cesar	TOTAL CESAR	48,671.64	50,079.50	44,426.14	49,677.19	34,977.32	15,445.11
Interior	CORDOBA	1,246.87	423.27	261.48	336.80	545.10	233.20
	ANTIOQUIA	194.86	117.79	90.71	78.71	14.59	0.00
	BOYACA	2,925.00	2,612.60	2,765.04	1,382.99	1,018.80	308.85
	CASANARE	1.99	0.31	2.12	0.57	ND	ND
	CAUCA	10.40	43.06	62.28	24.00	4.18	0.37
	CUNDINAMARCA	2,622.83	2,541.46	2,424.38	1,841.92	640.51	381.25
	SANTANDER	140.96	162.93	316.14	180.37	59.23	44.36
	NORTE DE SANTANDER	2,541.71	2,470.36	2,623.02	2,043.48	943.38	376.73
	VALLE DEL CAUCA	64.36	26.24	18.07	9.02	6.37	7.69
Total Interior		9,749.00	8,398.02	8,563.24	5,897.85	3,232.17	1,352.47
Total Nacional		91,148.51	90,638.87	84,065.42	81,232.43	49,330.73	27,594.44

Agencia Nacional de Minería ANM. (Los datos que se presentan son preliminares de acuerdo con la información que la Agencia Nacional de Minería ha recibido con corte Agosto 2021).

http://www.anm.gov.co/?q=regalias-contraprestaciones-economicas&field_tipo_de_regal_a_y_o_contra_value=ProduccionNacionalMinerales

Elaboró: UPME - Subdirección de Minería

ND: No se tiene información sobre producción hasta la fecha.

*Nota: Los datos reportados corresponden a la información reportada por la ANM por concepto de pago de regalías.



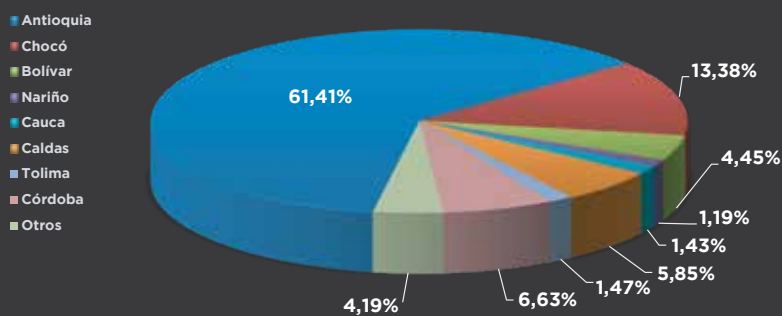
PRODUCCIÓN DE ORO POR DEPARTAMENTO

Kilogramos / 2016 - 1^{er} Sem 2021

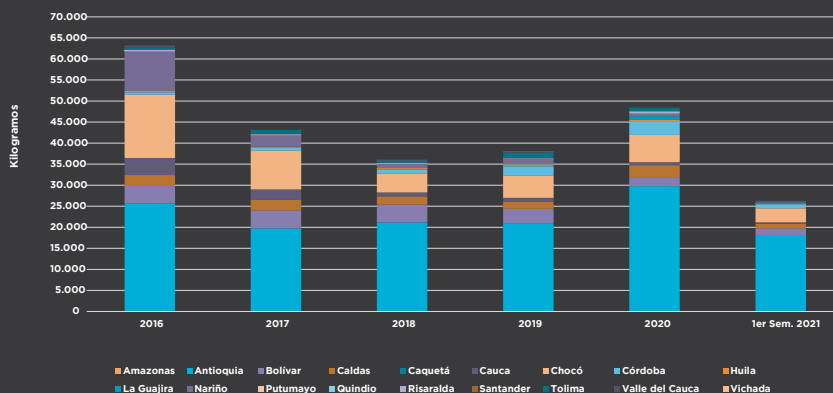
Departamento	2016	2017	2018	2019	2020	1er Sem 2021
Amazonas	0.51					
Antioquia	25,678.77	19,743.21	21,139.83	20,953.27	29,767.90	18,180.32
Bolívar	4,113.77	4,307.24	4,261.54	3,429.26	2,155.92	1,584.15
Caldas	2,620.17	2,474.90	1,950.24	1,720.68	2,835.79	1,112.03
Caquetá	2.26	0.03			8.00	31.65
Cauca	4,064.51	2,474.23	938.22	914.24	694.16	279.10
Chocó	15,000.05	9,260.17	4,505.27	5,207.79	6,486.84	3,312.46
Córdoba	489.92	682.93	906.08	2,254.18	3,215.50	973.32
Guanía	441.48		42.00	135.32	64.25	53.35
Huila	95.55	214.29	315.16	336.66	289.04	98.25
La Guajira			17.26	259.51	906.65	19.63
Nariño	9,301.69	2,711.86	1,040.33	999.86	578.70	191.89
Putumayo	68.89	44.94		2.65		
Quindío	0.21					
Risaralda	299.43	205.04	188.36	179.24	546.19	67.23
Santander	82.86	77.59	59.02	48.92	82.41	27.51
Sucre					53.32	73.40
Tolima	483.61	935.45	510.11	1,332.11	711.70	347.69
Valle del Cauca	413.65	26.30	88.82	230.27	80.63	17.64
Vichada			3.20	2.55		
Total Nacional	63,157.33	43,158.17	35,965.44	38,006.50	48,476.99	26,369.63

Fuente: SIMCO, Agencia Nacional de Minería ANM. Elaboró: UPME - Oficina de Gestión de la Información
 *Nota: Los datos reportados corresponden a la información reportada por la ANM por concepto de pago de regalías.

Participación por departamento en la producción de Oro 2020



PRODUCCIÓN DE ORO POR DEPARTAMENTO





PRODUCCIÓN DE PLATA POR DEPARTAMENTO

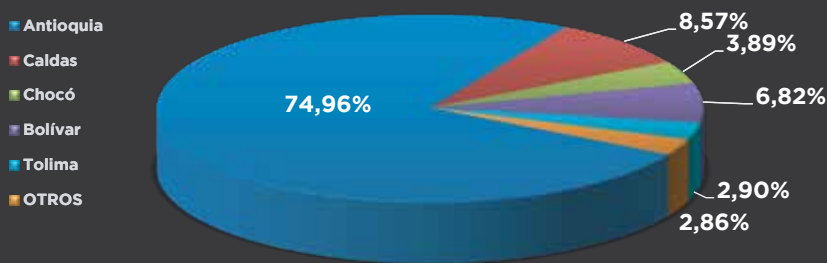
Kilogramos / 2016 - 1^{er} Sem 2021

Departamento	2016	2017	2018	2019	2020	1er Sem 2021
Antioquia	7,975.71	6,769.50	8,488.75	8,521.49	14,940.78	11,216.15
Bolívar	394.11	589.41	3,231.75	1,921.91	1,359.41	1,617.89
Caldas	1,805.19	2,403.96	1,604.74	1,419.91	1,707.68	764.08
Cauca	0.21	0.00			0.04	2.22
Caqueta	73.43	102.11	435.22	139.73	111.73	20.14
Chocó	1,035.23	1,862.73	1,613.54	1,276.75	776.01	453.82
Córdoba	17.86	27.12	20.28	86.40	203.50	62.32
Guainía	47.30		5.38	19.76	11.60	8.94
Huila		25.82	33.32	57.98	47.65	17.93
La Guajira				23.22	53.96	
Nariño	11.35	49.27	42.01	16.25	31.55	21.28
Putumayo	6.73			0.30		
Quindío	0.03					
Risaralda	32.16	19.71	28.27	23.59	84.55	14.00
Santander	8.83	8.42	6.25	3.72	16.38	3.51
Sucre					8.25	11.97
Tolima	451.70	215.28	1,180.51	967.65	577.45	165.09
Valle del Cauca	6.02	2.83	0.99	0.53	0.13	0.02
Vichada			0.31	0.06		
Total Nacional	11,865.87	12,076.18	16,691.32	14,479.24	19,930.67	14,379.36

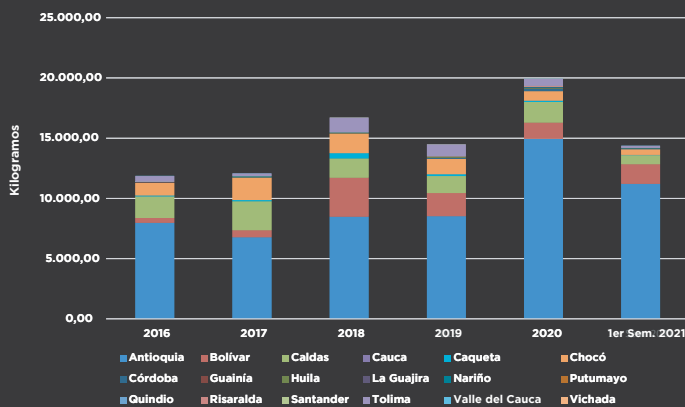
Fuente: SIMCO, Agencia Nacional de Minería ANM. Elaboró: UPME - Oficina de Gestión de la Información

*Nota: Los datos reportados corresponden a la información reportada por la ANM por concepto de pago de regalías.

Participación por departamento en la producción de Plata 2017



PRODUCCIÓN DE PLATA POR DEPARTAMENTO



Fuente: SIMCO, Agencia Nacional de Minería ANM
Elaboró: UPME - Subdirección de minería



PRODUCCIÓN DE PLATINO POR DEPARTAMENTO

Kilogramos / 2016 - 1^{er} Sem 2021

Departamento	2010	2011	2012	2013	2014	2015
Antioquia	4.31	3.37	19.13	13.33	14.21	5.79
Córdoba	0.00	0.00		0.01	0.20	
Cauca	991.29	1,225.00	0.26	11.83	13.32	7.08
Chocó	0.00	0.00	1,439.28	1,493.30	1,093.45	738.52
Nariño	0.40	3.00	1.42	0.68	14.87	12.87
Otros*	1.50	0.00	0.03	1.02	5.59	96.33
Total Nacional	997.50	1,231.37	1,460.12	1,520.17	1,141.63	860.59

Departamento	2016	2017	2018	2019	2020	2021 1er sem
Antioquia	13.85	3.87	1.76	0.00		0.00
Córdoba			44.48	42.65	170.20	51.67
Cauca	1.81	7.16	6.35	0.62		
Chocó	888.00	552.96	193.18	134.68	243.79	248.88
Nariño	10.09	2.78				
Otros*	3.23		24.69		0.00	
Total Nacional	916.97	566.77	270.46	177.95	413.99	300.55

*Fuente: SIMCO, Agencia Nacional de Minería ANM

* En otros se incluyen Bolívar, Caldas, Córdoba, Guainía, Tolima, Quindío, Risaralda, Santander y Vichada

Elaboró: UPME - Oficina de Gestión de la Información

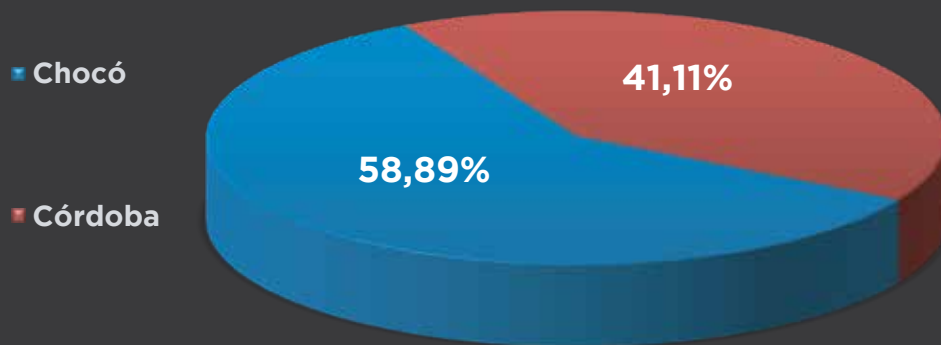
*Nota: Los datos reportados corresponden a la información reportada por la ANM por concepto de pago de regalías.



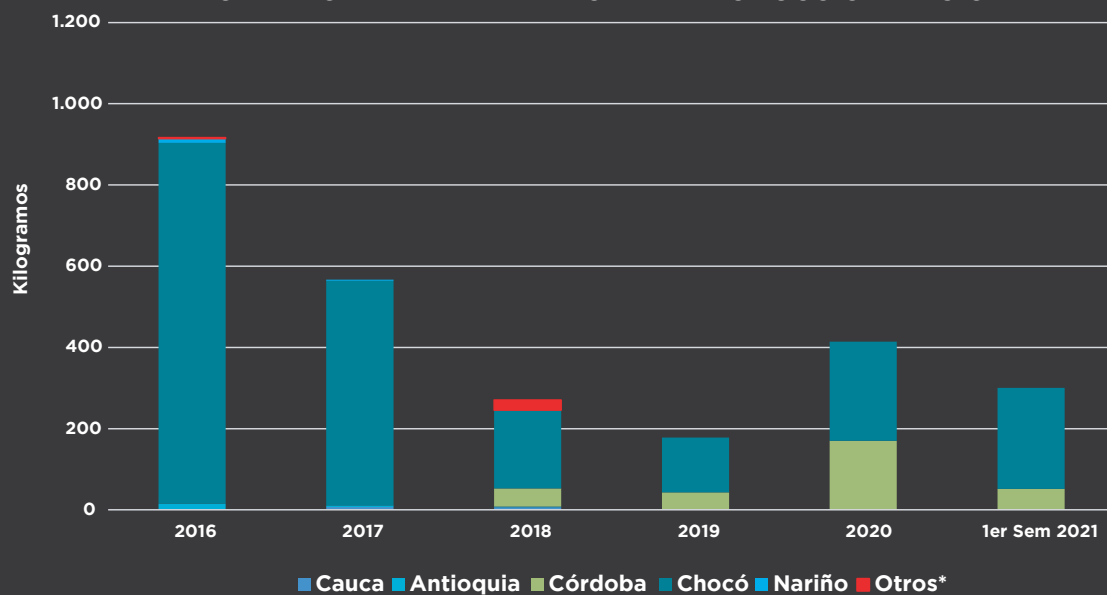
PRODUCCIÓN DE PLATINO POR DEPARTAMENTO

Kilogramos / 2016 - 1er Sem 2021

Participación por departamento en la producción de Platino -2020



APORTE POR DEPARTAMENTO A LA PRODUCCIÓN NACIONAL





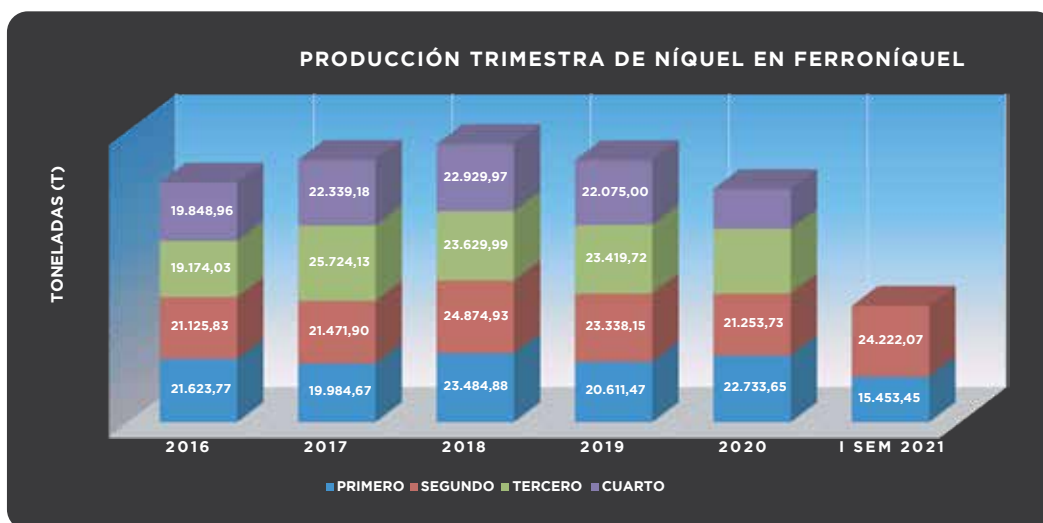
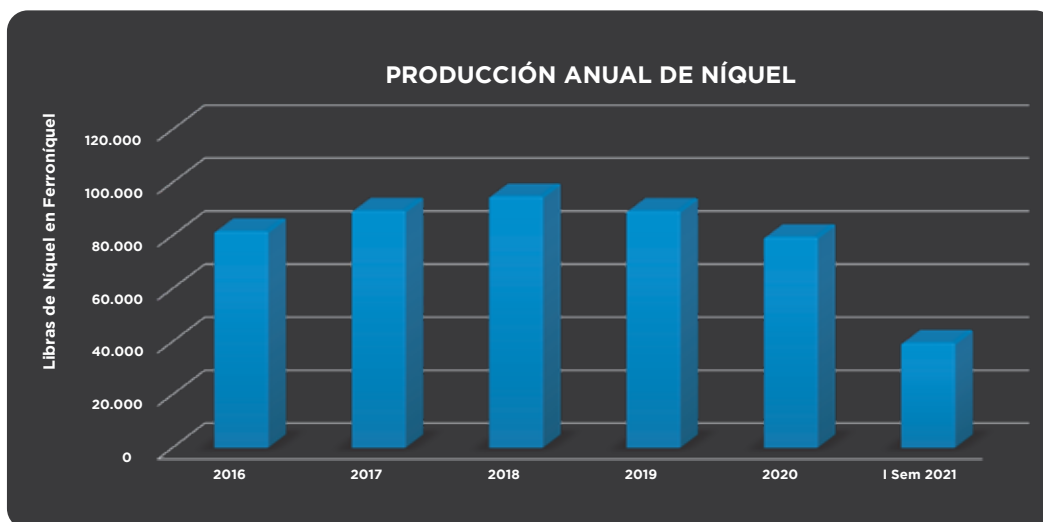
PRODUCCIÓN DE NÍQUEL CONTENIDO EN FERRONIQUEL

Miles de Libras / 2016 - 1^{er} Sem 2021

TRIMESTRE	2016	2017	2018	2019	2020	I Sem 2021
PRIMERO	21,623.77	19,984.67	23,484.88	20,611.47	22,733.65	15,453.45
SEGUNDO	21,125.83	21,471.90	24,874.93	23,338.15	21,253.73	24,222.07
TERCERO	19,174.03	25,724.13	23,629.99	23,419.72	22,031.67	
CUARTO	19,848.96	22,339.18	22,929.97	22,075.00	13,554.10	
Total	81,773	89,520	94,920	89,444	79,573	39,676

*Fuente: SIMCO, Agencia Nacional de Minería ANM
Elaboró: UPME - Subdirección de minería
Periodicidad Trimestral

*Nota: Los datos reportados corresponden a la información reportada por la ANM por concepto de pago de regalías.





EXPORTACIONES MENSUALES DE ESMERALDAS

Miles de quilates / 2016 - 1^{er} Sem 2021

TRIMESTRE	2016	2017	2018	2019	2020	I Sem 2021
PRIMERO	296.45	851.05	273.10	972.90	843.80	81.50
SEGUNDO	880.30	467.20	455.10	298.00	4.90	481.70
TERCERO	342.15	633.85	393.40	130.75	1,140.30	
CUARTO	833.20	445.80	695.70	119.25	105.10	
Total	2,352	2,398	1,817	1,521	2,094	563

Fuente: SIMCO, DANE - DIAN
Elaboró: UPME - Subdirección de minería





EXPORTACIONES DE CARBÓN TÉRMICO POR PAÍS DE DESTINO

2016 - 1^{er} Sem 2021

País	2016		2017		2018	
	Miles de Toneladas	Millones de \$US	Miles de Toneladas	Millones de \$US	Miles de Toneladas	Millones de \$US
Turquía	15,389.99	719.32	18,019.60	1,244.60	19,556.31	1,541.50
Chile	4,345.84	223.23	7,623.99	503.85	8,001.90	633.92
Corea	3,259.94	174.51	3,704.01	229.93	5,171.85	365.96
Israel	4,758.92	240.86	4,083.90	260.77	4,988.89	389.97
India	2,132.81	81.11	1,013.18	55.97	332.22	24.39
Brasil	4,642.51	224.21	4,642.99	276.63	4,909.15	338.46
Países Bajos	13,558.03	733.45	17,494.17	1,049.83	5,941.56	495.51
México	0.17	0.03	6,885.53	528.34	5,277.18	461.06
Guatemala	2,507.32	135.79	1,666.59	108.32	1,752.58	141.80
Estados Unidos	5,956.46	378.87	5,094.08	338.26	2,403.96	143.76
Puerto Rico	1,568.60	125.75	1,133.92	95.31	1,020.77	68.55
China					333.70	20.12
Canadá	1,326.45	103.92	2,018.84	141.74	2,373.53	176.24
Panamá	524.42	28.59	176.41	9.74	399.43	33.17
República Dominicana	657.53	38.37	1,838.41	105.78	890.73	69.21
Polonia	1,050.08	45.18	1,128.40	60.95	1,327.02	83.86
Italia	2,958.89	148.49	2,833.94	189.03	2,128.15	176.44
Taiwán, Provincia de China	82.29	3.49	736.67	45.81	560.19	40.37
España	4,864.11	263.65	6,039.41	411.83	5,013.68	394.62
Japón	360.86	15.71	2,037.14	121.60	973.46	71.30
Otros	12,175.08	613.51	12,980.50	857.74	8,370.62	655.11
TOTAL EXPORTACIONES	82,120.30	4,298.03	101,151.66	6,636.03	81,726.87	6,325.33

País	2019		2020		1er Sem 2021	
	Miles de Toneladas	Millones de \$US	Miles de Toneladas	Millones de \$US	Miles de Toneladas	Millones de \$US
Turquía	16,806.53	1,067.05	18,549.14	814.84	5,925.87	317.41
Chile	7,817.14	454.97	7,004.51	299.76	3,002.52	165.44
Corea	4,165.13	302.67	5,669.50	281.30	1,568.91	97.25
Israel	4,797.03	335.08	5,495.89	269.46	1,531.43	88.11
India	676.71	34.47	3,784.65	183.68	167.40	8.43
Brasil	3,830.23	270.73	3,572.43	188.24	2,296.28	136.67
Países Bajos	4,731.67	333.25	3,525.58	204.40	3,163.00	142.91
México	4,243.39	325.56	3,419.79	268.51	0.14	0.04
Guatemala	2,250.94	165.85	2,247.63	130.05	864.15	47.28
Estados Unidos	3,221.09	200.61	2,088.32	120.28	857.67	53.61
Puerto Rico	1,647.74	109.17	1,609.13	128.41	693.28	57.03
China	1,689.29	87.39	1,320.90	65.09	2,506.96	129.41
Canadá	1,885.13	131.72	1,224.12	83.04	709.34	47.89
Panamá	814.41	45.98	1,149.10	56.67	419.42	26.94
República Dominicana	1,125.71	74.17	1,027.80	50.82	229.38	15.09
Polonia	1,094.24	84.33	762.01	40.01	448.21	24.01
Italia	1,037.88	63.30	455.28	22.56	63.07	3.78
Taiwán, Provincia de China	678.22	43.79	452.49	24.18	174.34	8.67
España	1,631.51	111.46	411.33	20.26	594.93	29.63
Japón	583.18	39.88	327.99	15.29	263.77	13.65
Otros	4,876.70	350.48	2,040.74	110.82	940.99	54.19
TOTAL EXPORTACIONES	69,603.85	4,631.91	66,138.34	3,377.65	26,421.04	1,467.41

Fuente: Comercio exterior SIMCO-DANE - DIAN

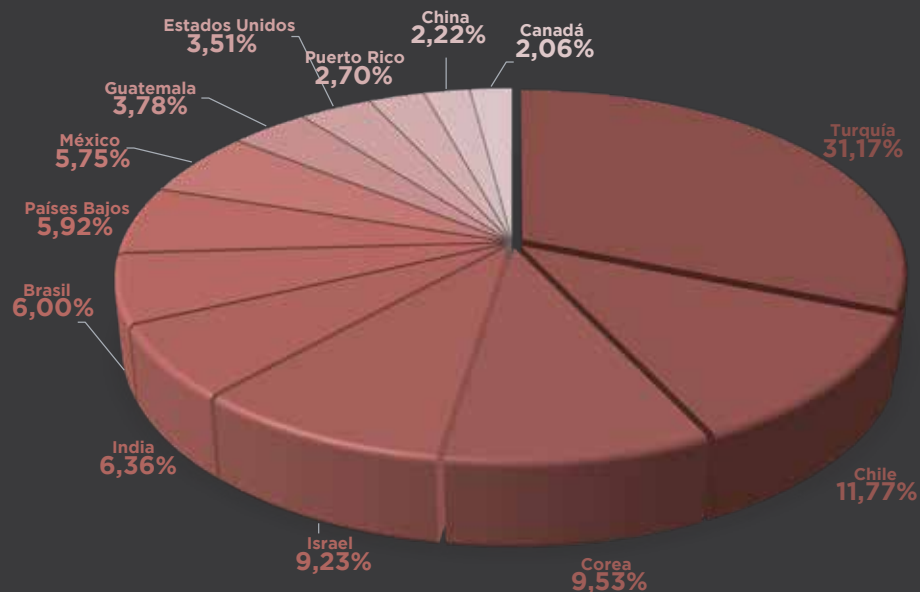


EXPORTACIONES DE CARBÓN TÉRMICO POR PAÍS DE DESTINO

2016 - 1^{er} Sem 2021

Turquía	18,549
Chile	7,005
Corea	5,670
Israel	5,496
India	3,785
Brasil	3,572
Países Bajos	3,526
México	3,420
Guatemala	2,248
Estados Unidos	2,088
Puerto Rico	1,609
China	1,321
Canadá	1,224
Panamá	1,149
República Dominicana	1,028
Polonia	762
Italia	455
Taiwán, Provincia de China	452
España	411
Japón	328
Otros	2,041
TOTAL EXPORTACIONES	66,138

PARTICIPACIÓN EN LAS EXPORTACIONES DE CARBÓN TÉRMICO POR PAÍS DE DESTINO 2019





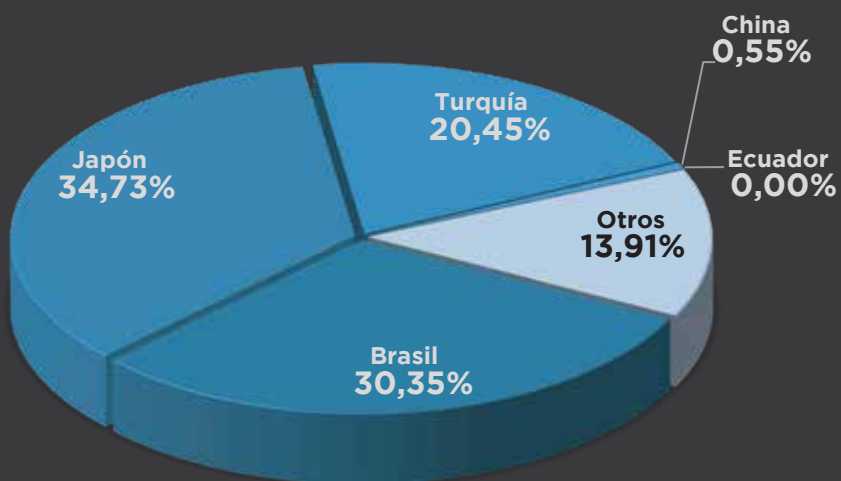
EXPORTACIONES DE CARBÓN METALÚRGICO POR PAÍS DE DESTINO

2016 - 1^{er} sem 2021

País	2016		2017		2018	
	Miles de Toneladas	Millones de \$US	Miles de Toneladas	Millones de \$US	Miles de Toneladas	Millones de \$US
Brasil	800.42	74.14	520.88	89.12	546.82	92.24
Japón	179.10	7.90	346.08	26.13	372.48	39.02
Turquía	186.68	8.61	491.82	44.86	757.90	85.13
Corea						
China	0.01	0.00				
Argentina						
México						
Ecuador	0.05	0.00	0.05	0.01	0.06	0.01
Australia						
Otros	38.91	2.40	178.28	17.65	188.30	20.49
TOTAL EXPORTACIONES	1,205.17	93.05	1,537.12	177.77	1,865.55	236.89

País	2019		2020		1er Sem 2021	
	Miles de Toneladas	Millones de \$US	Miles de Toneladas	Millones de \$US	Miles de Toneladas	Millones de \$US
Brasil	551.85	89.56	633.20	71.71	56.03	6.26
Japón	631.51	77.90	626.95	60.08	269.41	22.06
Turquía	371.82	44.68	293.17	20.74	118.78	6.46
Corea			55.01	4.95		
China	10.06	0.76	43.44	3.40	132.70	13.93
Argentina			22.00	2.00		
México			21.93	1.98		
Ecuador	0.02	0.00	0.05	0.01	0.01	0.00
Australia			0.01	0.00		
Otros	252.92	29.87			44.00	2.76
TOTAL EXPORTACIONES	1,818.17	242.77	1,695.75	164.87	620.93	51.47

Participación en las exportaciones de Carbón Metalúrgico por País de Destino 2019





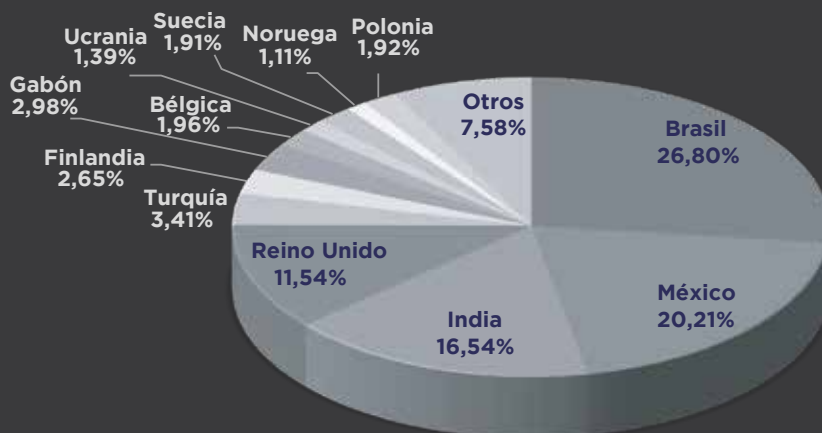
EXPORTACIONES DE COQUE POR PAÍS DE DESTINO

2016 - 1^{er} sem 2021

País	2016		2017		2018	
	Miles de Toneladas	Millones de \$US	Miles de Toneladas	Millones de \$US	Miles de Toneladas	Millones de \$US
Brasil	459.36	70.87	919.77	259.35	944.06	309.81
México	350.77	47.62	245.18	58.12	660.45	216.59
India	74.36	10.85	550.68	91.85	472.66	93.61
Reino Unido	247.99	33.23	74.14	14.72	170.99	45.15
Turquía	183.71	25.30	111.98	25.25	163.78	41.48
China						
Finlandia	39.26	5.69	58.83	11.02	46.20	13.70
Gabón	75.24	8.24	62.39	9.85	111.64	26.35
Bélgica	20.14	4.39	78.81	18.18	0.04	0.01
Malasia						
Ucrania			50.60	9.86		
Suecia	33.85	5.04	50.13	10.21	58.15	14.05
Noruega	24.01	3.91	32.20	8.66	41.05	14.34
Polonia					60.50	5.75
Otros	263.93	30.77	287.04	56.07	369.07	90.52
TOTAL EXPORTACIONES	1,772.62	245.91	2,521.78	573.15	3,098.58	871.37

País	2016		2017		2018	
	Miles de Toneladas	Millones de \$US	Miles de Toneladas	Millones de \$US	Miles de Toneladas	Millones de \$US
Brasil	841.61	243.82	917.17	197.37	710.65	219.00
México	634.61	181.38	616.87	126.46	326.02	104.11
India	519.44	111.90	591.63	87.33	248.64	39.31
Reino Unido	362.41	76.16	315.57	54.15	130.88	32.98
Turquía	107.11	23.42	179.81	36.58	131.37	41.49
China			154.15	29.78	8.52	1.62
Finlandia	83.10	19.45	114.74	17.66	73.10	14.00
Gabón	93.53	20.11	92.77	15.27	31.83	6.26
Bélgica	61.52	12.71	82.77	11.81	73.33	17.39
Malasia			78.53	14.24		
Ucrania	43.62	8.65	63.35	9.31		
Suecia	60.06	15.05	56.30	8.95	21.06	4.56
Noruega	34.78	11.61	36.37	7.84	17.23	3.90
Polonia	60.36	5.37	25.00	1.73		
Otros	237.93	53.22	17.96	3.82	189.26	50.04
TOTAL EXPORTACIONES	3,140.09	782.83	3,342.98	622.31	1,961.90	534.65

Participación en las exportaciones de Coque por País de Destino 2019



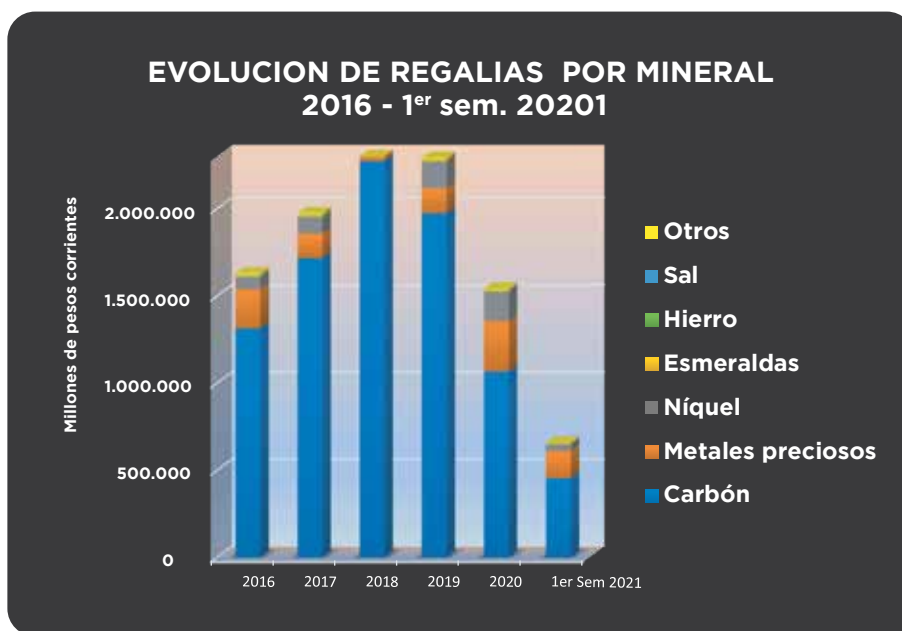


REGALÍAS RECAUDADAS DE LOS PRINCIPALES MINERALES

Millones de pesos corrientes / 2016 - 1^{er} semestre 2021

Mineral	2016	2017	2018	2019	2020	1er Sem 2021
Carbón	1,313,038.48	1,716,966.86	2,272,700.20	1,972,085.55	1,066,532.89	454,273.04
Metales preciosos	226,344.17	140,382.45	109,771.16	146,872.72	291,453.50	157,709.46
Níquel	65,847.76	93,046.31	146,685.07	149,244.29	165,294.08	36,785.78
Esmeraldas	8,273.17	7,746.53	7,751.55	7,650.77	4,627.86	2,371.83
Hierro	1,781.27	1,787.81	2,776.89	3,154.89	3,609.30	2,093.41
Sal	4,509.12	3,858.23	2,158.49	1,960.64	2,118.56	946.61
Otros	9,057.97	8,530.28	9,100.70	9,701.76	7,180.41	2,956.67
Total	1,628,852	1,972,318	2,550,944	2,290,671	1,540,817	657,137

Fuente: SIMCO - ANM
 Elaboró: UPME - Subdirección de Minería
 Periodicidad trimestral



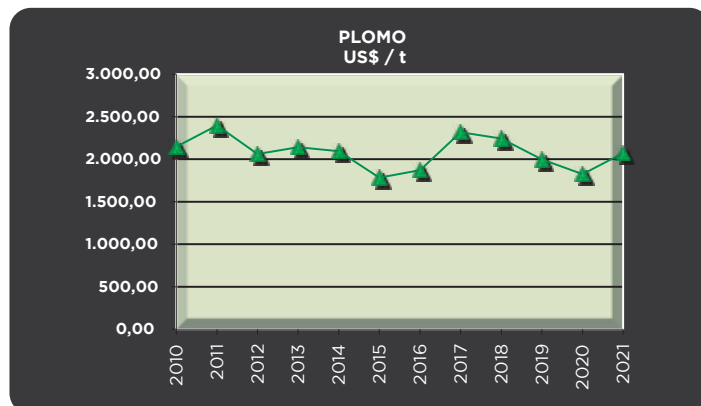
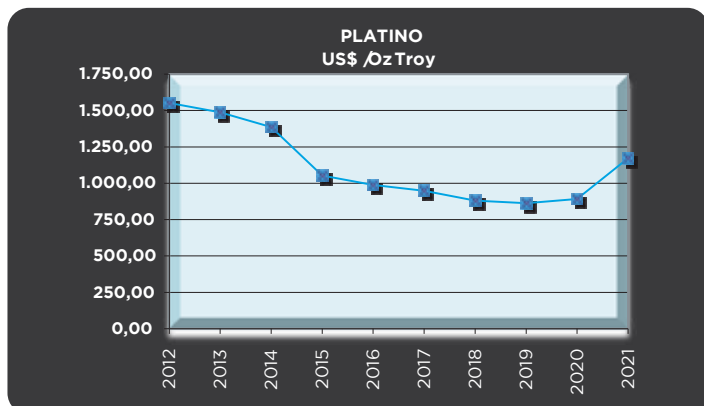
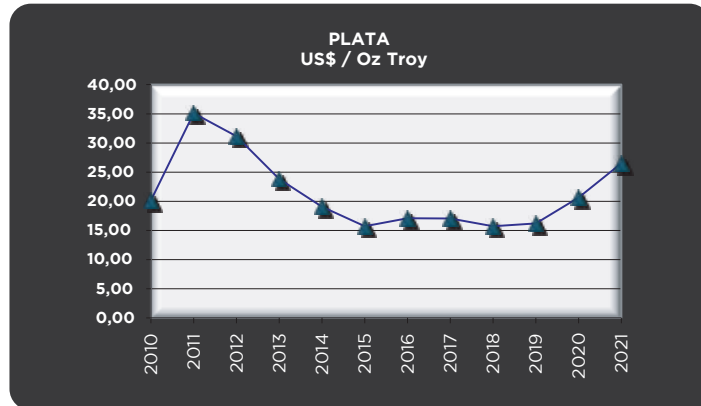
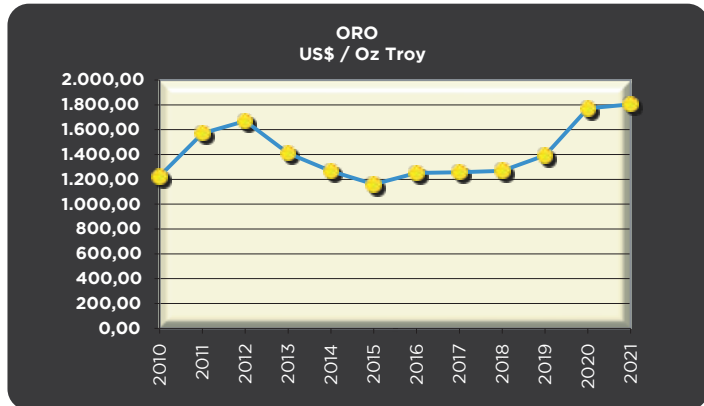
Fuente: SIMCO, ANM
 Metales preciosos (Oro, Plata y Platino)
 Elaboró: UPME - Subdirección de minería



PRECIOS INTERNACIONALES DE MINERALES

PROMEDIO ANUAL / 2010 - junio 2021

MINERAL	ORO	PLATA	PLATINO	ESTAÑO	PLOMO	ALUMINIO	COBRE	ZINC	NÍQUEL	HIERRO	
AÑO	US\$ / Oz Troy				US\$ / t						
2010	1,224.52	20.16	1,608.97	20,428.16	2,147.17	2,172.16	7,538.12	2,158.86	21,803.63	145.86	
2011	1,571.52	35.11	1,721.87	26,002.49	2,397.83	2,394.58	8,809.97	2,190.53	22,890.46	167.75	
2012	1,668.98	31.15	1,551.48	21,073.81	2,061.39	2,017.63	7,948.68	1,946.38	17,532.80	128.50	
2013	1,411.23	23.83	1,486.72	22,290.06	2,141.15	1,844.66	7,321.14	1,909.08	15,018.27	135.36	
2014	1,266.40	19.08	1,385.70	21,877.35	2,095.98	1,866.41	6,861.02	2,164.46	16,864.59	96.95	
2015	1,160.06	15.70	1,052.91	16,053.22	1,783.57	1,660.14	5,493.36	1,928.30	11,831.24	55.85	
2016	1,250.80	17.10	988.76	17,990.26	1,871.58	1,604.14	4,861.68	2,094.75	9,594.28	58.42	
2017	1,257.15	17.05	948.49	20,086.35	2,317.46	1,967.93	6,165.06	2,895.94	10,403.18	71.76	
2018	1,268.49	15.71	880.06	20,131.66	2,242.43	2,109.19	6,521.96	2,921.95	13,113.70	69.75	
2019	1,392.60	16.20	862.90	18,621.05	1,999.68	1,790.43	5,998.72	2,546.34	13,909.05	93.85	
2020	1,771.54	20.63	891.13	17,153.07	1,824.69	1,703.00	6,178.30	2,267.07	13,789.56	108.92	
2021	1,804.41	26.50	1,171.70	28,340.92	2,071.93	2,247.58	9,093.37	2,832.65	17,443.82	183.93	





PRECIOS INTERNACIONALES DE MINERALES
 PROMEDIO ANUAL / 2010 - junio 2021

