

# ESTADÍSTICAS

**INFORME ANUAL 2019**  
CÁMARA MINERA DE MÉXICO  
LXXXII ASAMBLEA GENERAL ORDINARIA



## PARTICIPACIÓN DE MÉXICO EN LA PRODUCCIÓN MINERA MUNDIAL EN 2018



Fuente: Mineral Commodity Summaries, U.S. Geological Survey, 2019

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<b>Plata</b> 1° Lugar (22.59%)	<b>Bismuto</b> 4° Lugar (2.13%)	<b>Cadmio</b> 6° Lugar (4.62%)	<b>Barita</b> 7° Lugar (4.21%)	<b>Cobre</b> 9° Lugar (3.62%)	<b>Fosforita</b> 15° Lugar (0.74%)
<b>Celestita</b> 2° Lugar (26.92%)	<b>Wollastonita</b> 4° Lugar (11.25%)	<b>Diatomita</b> 6° Lugar (3.70%)	<b>Sal</b> 7° Lugar (3.00%)	<b>Grafito</b> 9° Lugar (0.97%)	<b>Arena Sílica</b> 16° Lugar (0.80%)
<b>Fluorita</b> 2° Lugar (18.97%)	<b>Molibdeno</b> 5° Lugar (5.00%)	<b>Zinc</b> 6° Lugar (5.00%)	<b>Oro</b> 8° Lugar (3.83%)	<b>Manganeso</b> 10° Lugar (1.22%)	<b>Azufre</b> 20° Lugar (0.69%)
<b>Sulfato de Sodio</b> 3° Lugar (4.10%)	<b>Plomo</b> 5° Lugar (5.45%)	<b>Sulfato de Magnesio</b> 6° Lugar (4.20%)	<b>Yeso</b> 8° Lugar (3.83%)	<b>Caolín</b> 11° Lugar (0.84%)	





VOLUMEN Y VALOR DE LA PRODUCCIÓN MINERO-METALÚRGICA, 2017-2018

P R O D U C T O S	VOLUMEN (TONELADAS)			VALOR (MILES DE PESOS)		2018/2017 %
	2017	2018	2018/2017 %	2017	2018	
TOTAL				241,727,134.5	241,634,150.8	0.0
I.- METALES PRECIOSOS <sup>1/</sup>				119,076,332.6	107,584,335.6	-9.7
Oro (Kgs.)	100,989	91,237	-9.7	77,354,507.6	71,720,674.9	-7.3
Plata (Kgs.)	4,000,075	3,694,009	-7.7	41,721,824.9	35,863,660.7	-14.0
II.- METALES INDUSTRIALES NO FERROSOS <sup>1/</sup>				88,041,927.5	94,399,907.3	7.2
Plomo	165,654	131,759	-20.5	7,260,875.5	5,644,311.1	-22.3
Cobre	463,349	473,612	2.2	53,917,817.9	59,371,897.2	10.1
Zinc	401,479	381,521	-5.0	21,952,446.1	21,500,369.3	-2.1
Bismuto	513	333	-35.1	100,589.1	61,027.3	-39.3
Cadmio	1,142	1,307	14.4	38,186.4	67,290.3	76.2
Selenio	112	107	-4.5	80,183.1	79,899.3	-0.4
Molibdeno	13,985	15,149	8.3	4,691,829.2	7,675,112.9	63.6
III.- METALES Y MINERALES SIDERÚRGICOS				19,837,436.9	24,571,952.6	23.9
Carbón No Coquizable <sup>2-</sup>	7,279,817	6,971,434	-4.2	4,108,831.7	4,637,817.5	12.9
Coque <sup>2-</sup>	1,295,342	1,180,415	-8.9	7,361,300.5	6,796,098.8	-7.7
Pellets de Fierro <sup>1/</sup>	6,927,642	7,085,389	2.3	7,316,435.3	11,864,574.9	62.2
Manganeso <sup>1/</sup>	211,510	209,023	-1.2	1,050,869.4	1,273,461.4	21.2
IV.- MINERALES NO METÁLICOS <sup>2/</sup>				14,771,437.6	15,077,955.3	2.1
Azufre <sup>3/</sup>	551,218	442,657	-19.7	475,644.3	720,897.4	51.6
Grafito	1,746	4,130	136.5	7,617.3	24,528.4	222.0
Barita	359,912	366,234	1.8	774,017.3	792,158.8	2.3
Dolomita	6,059,970	7,561,140	24.8	988,265.5	1,219,115.9	23.4
Fluorita	724,380	1,182,058	63.2	2,345,499.5	3,820,046.8	62.9
Caolín	279,225	143,156	-48.7	904,564.5	484,117.0	-46.5
Arena Sílica	2,355,909	2,511,246	6.6	453,385.4	493,133.9	8.8
Yeso	5,837,419	5,819,046	-0.3	984,932.1	973,488.1	-1.2
Fosforita	1,925,870	741,678	-61.5	2,364,271.4	885,201.2	-62.6
Wollastonita	87,562	83,620	-4.5	344,177.5	324,816.2	-5.6
Celestita	40,699	35,489	-12.8	39,732.1	35,182.0	-11.5
Feldespató	233,050	209,770	-10.0	58,504.9	52,763.9	-9.8
Sal	8,671,281	9,029,147	4.1	2,442,702.8	2,588,694.6	6.0
Diatomita	96,374	92,700	-3.8	349,388.4	336,136.1	-3.8
Sulfato de Sodio	753,494	780,606	3.6	2,062,920.6	2,150,851.2	4.3
Sulfato de Magnesio	57,092	54,787	-4.0	175,814.2	176,823.9	0.6

1/ Contenido Metálico

2/ Volumen del Mineral

3/ Obtenido de la Refinería del Petróleo Crudo

r/ Cifras Revisadas

N.D. No Disponible

-o- Variación porcentual mayor a 350.

Notas:

La suma de los parciales puede no coincidir con los totales debido al redondeo.

El Valor de la Producción para los Metales excepto para el Selenio y Pellet de Fierro, se obtiene con las Cotizaciones Internacionales; para los Minerales No Metálicos, el Valor de la Producción se obtiene con los Precios del Mercado Nacional.

Fuente: INEGI

VOLUMEN DE LA PRODUCCIÓN MINERA NACIONAL DURANTE EL PERIODO DE 1998-2018 (TONELADAS)

PRODUCTOS	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
<b>I.- METALES PRECIOSOS</b>										
• Oro (Kgs.)	26,426	23,754	26,375	23,544	21,324	20,406	21,825	30,357	38,962	43,710
• Plata	2,685	2,486	2,620	2,760	2,748	2,569	2,569	2,894	2,970	3,135
<b>II.- METALES INDUSTRIALES NO FERROSOS</b>										
• Plomo	166,059	126,666	137,974	136,413	138,707	139,348	118,484	134,388	135,025	137,133
• Cobre	384,641	381,183	364,565	371,123	329,573	355,653	405,539	429,042	334,129	337,527
• Zinc	385,390	362,811	392,791	428,828	446,104	413,991	426,361	476,307	479,379	452,012
• Molibdeno	5,949	7,961	6,886	5,518	3,428	3,524	3,731	4,245	2,519	6,491
<b>III.- METALES Y MINERALES SIDERÚRGICOS</b>										
• Carbón Mineral	7,832,227	8,764,835	8,230,115	6,986,028	6,370,872	6,648,257	6,450,594	9,940,326	10,882,685	11,886,757
• Fierro	7,326,474	7,737,188	7,458,056	5,715,758	6,577,434	8,182,406	8,825,155	9,548,619	9,614,623	10,916,437
• Manganeso	187,103	169,107	156,115	99,751	88,358	114,550	135,893	132,872	124,417	152,446
<b>IV.- MINERALES NO METÁLICOS</b>										
• Azufre	912,825	855,484	851,427	878,180	877,035	1,051,968	<b>1,125,591</b>	1,016,822	1,073,567	1,029,736
• Grafito	43,461	27,781	30,330	21,442	13,885	8,730	14,769	12,357	11,773	9,900
• Barita	161,555	157,953	127,668	142,017	163,620	287,451	306,668	268,657	199,605	185,921
• Dolomita	785,515	415,284	403,664	670,799	457,665	565,896	1,158,929	1,308,977	1,282,590	1,123,225
• Fluorita	598,043	557,106	635,230	619,468	622,477	756,258	842,698	875,450	936,433	933,361
• Caolín	8,232	9,177	12,165	94,410	68,890	28,272	16,241	32,648	18,852	86,784
• Arena Sílica	1,733,439	1,700,527	1,802,545	1,720,211	1,778,714	1,689,042	2,055,940	2,120,878	2,661,770	2,950,438
• Feldespato	197,866	262,241	334,439	329,591	332,101	346,315	364,166	373,411	<b>459,209</b>	438,696
• Yeso	5,370,700	5,188,969	5,654,060	6,237,056	6,703,109	6,864,890	<b>9,221,458</b>	6,251,968	6,075,892	6,918,973
• Fosforita	756,349	950,649	1,052,464	787,283	4,764	5,500	350	350	7,500	47,721
• Sal	8,412,063	8,235,621	8,884,370	8,501,137	7,801,948	7,546,987	8,565,520	9,507,623	8,377,771	8,032,273
• Wollastonita	41,264	44,126	30,836	39,830	42,756	31,234	28,224	27,132	44,280	50,809
• Celestita	118,230	<b>164,682</b>	157,420	145,789	94,015	130,329	87,610	110,833	128,321	96,902
• Diatomita	ND	ND	96,448	50,911	62,322	67,801	59,818	62,132	62,948	82,519
• Sulfato de Sodio	ND	ND	ND	507,000	551,500	586,100	608,000	607,000	614,000	605,000
• Sulfato de Magnesio	ND	ND	ND	20,287	22,580	27,100	28,100	27,900	33,000	33,900

Arena sílica incluye arena para vidrio, cuarzo y silicosos  
Azufre incluye la extracción minera y el obtenido en la refinación de petróleo crudo  
ND = No disponible  
**Año con mayor producción en el periodo**  
Fuente: INEGI

2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
50,818	62,400	79,376	88,649	102,802	119,773.50	117,771	134,759	132,413	126,820	118,359
3,236	3,554	4,410	4,777	5,358	5,821	5,766	5,955	5,409	5,815	6,049
141,173	143,838	192,062	223,717	238,091	253,361	250,462	263,772	241,271	243,022	240,304
246,593	240,648	270,136	443,621	500,275	480,124	515,025	594,451	766,129	742,246	751,005
453,588	489,766	570,004	631,859	660,349	642,542	659,878	786,774	661,188	671,444	690,895
7,812	10,167	10,849	10,787	11,366	12,562	14,370	11,327	11,896	13,985	15,149
10,402,658	9,496,189	9,240,569	13,718,159	13,656,051	13,065,353	13,453,540	7,245,472	8,130,459	7,279,817	6,971,434
11,688,107	11,680,000	13,998,273	12,805,778	14,915,941	18,839,574	16,627,920	13,461,932	12,089,682	11,712,533	12,172,621
169,908	118,578	174,761	170,935	188,294	211,559	235,686	217,466	205,645	211,510	209,023
1,040,546	1,114,028	993,375	959,488	1,010,875	1,025,841	992,939	858,127	673,285	551,218	442,657
7,229	5,015	6,628	7,348	7,520	7,024	9,160	6,524	3,839	1,746	4,130
140,066	151,791	143,225	134,727	139,997	119,402	130,914	265,598	150,970	359,912	366,234
1,233,993	982,650	1,499,744	2,785,314	2,111,114	8,756,485	8,277,102	7,703,854	7,236,944	6,059,970	7,561,140
1,057,649	1,045,940	1,067,386	1,206,907	1,237,091	1,210,477	1,109,721	624,574	655,255	724,380	1,182,058
85,092	78,086	120,094	120,003	163,148	379,110	342,917	155,156	259,551	279,225	143,156
2,779,075	2,483,605	2,207,650	2,542,143	3,592,813	2,937,949	2,548,336	1,742,438	2,398,971	2,355,909	2,511,246
445,519	347,510	398,849	382,497	380,441	164,484	150,726	159,372	122,176	233,050	209,770
6,933,279	5,756,936	3,559,579	3,838,348	4,692,510	5,090,863	5,495,594	5,378,147	5,402,691	5,837,419	5,819,046
969,094	1,421,823	1,507,402	1,690,606	1,724,662	2,217,481	1,733,479	1,929,439	2,909,266	1,925,870	741,678
8,808,714	7,445,025	8,430,562	8,769,140	8,730,247	9,461,320	10,250,239	9,088,027	8,906,657	8,671,281	9,029,147
46,844	29,728	46,548	47,523	55,204	57,302	54,579	57,451	63,683	87,562	83,620
29,621	36,127	31,429	40,669	46,190	67,778	64,931	79,022	33,230	40,699	35,489
128,536	80,807	91,710	84,231	84,537	87,463	87,849	89,810	96,686	96,374	92,700
618,000	606,000	620,000	630,500	638,000	641,500	637,141	732,569	750,021	753,494	780,606
43,053	34,700	39,400	45,598	44,700	45,281	46,942	47,210	55,377	57,092	54,787

VOLUMEN DE LA PRODUCCIÓN METALÚRGICA NACIONAL DURANTE EL PERIODO DE 1998-2018 (TONELADAS)

PRODUCTOS	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
<b>I.- METALES PRECIOSOS</b>										
• Oro (Kgs.)	25,982	23,475	25,822	25,749	23,594	22,177	21,824	26,782	35,899	39,355
• Plata (Kgs.)	2,868,099	2,337,554	2,746,852	3,030,437	3,146,257	2,945,710	2,569,477	2,565,586	2,413,147	2,351,570
<b>II.- METALES INDUSTRIALES NO FERROSOS</b>										
• Plomo	171,610	131,402	160,607	148,625	138,749	144,297	110,931	121,669	120,450	89,838
• Cobre	344,756	340,147	338,999	349,360	314,820	303,765	352,286	373,252	327,536	335,502
• Zinc	371,898	339,758	358,576	427,273	431,662	412,255	374,428	427,061	432,347	426,509
• Antimonio	1,301	273	52	81	155	434	503	565	778	414
• Arsénico	2,573	2,419	2,522	2,381	1,946	1,729	1,828	1,664	1,595	513
• Bismuto	1,204	548	1,112	1,390	1,126	1,064	1,014	970	1,186	1,170
• Estaño	5	4	4	8	9	21	24	17	25	19
• Cadmio	1,739	1,311	1,297	1,434	1,389	1,638	1,618	1,627	1,399	1,605
• Selenio	0	0	0	0	0	0	0	0	0	0
• Tungsteno	130	11	0	0	0	0	0	0	0	0
• Titanio	ND	ND	3,985	4,256	940	0	0	0	0	0
<b>III.- METALES Y MINERALES SIDERÚRGICOS</b>										
• Coque	2,202,558	2,219,845	2,235,032	2,064,483	1,451,091	1,462,106	1,445,052	1,491,847	1,569,561	1,536,325
• Fierro (Pellets)	6,334,257	6,885,217	6,795,406	5,269,820	5,965,427	6,759,198	6,889,538	7,012,306	6,589,586	7,323,121

ND = No disponible

Año con mayor producción en el periodo

Fuente: INEGI



2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
50,365	51,393	72,596	84,118	96,650	97,967	98,166	123,364	116,924	100,989	91,237
2,668,028	2,693,265	3,499,470	4,150,347	4,496,393	4,860,923	4,729,407	4,959,383	4,109,608	4,000,075	3,694,009
100,725	100,361	158,206	182,202	210,382	200,362	196,746	212,964	159,044	165,654	131,759
268,620	227,750	237,609	402,430	439,531	409,172	452,419	485,528	490,999	463,349	473,612
397,306	384,478	518,429	447,948	500,125	420,915	449,146	454,626	384,248	401,479	381,521
380	74	71	5	0	0	0	0	0	0	0
ND	0	0	0	0	0	0	0	0	0	0
1,132	854	982	935	800	824	948	601	539	513	333
15	0	0	0	0	0	0	0	0	0	0
1,550	1,510	1,464	1,485	1,482	1,451	1,409	1,283	1,244	1,142	1,307
0	0	62	95	95	132	120	99	121	112	107
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
1,547,391	1,315,444	1,648,439	2,121,866	2,166,046	2,216,314	2,229,899	1,778,725	1,368,136	1,295,342	1,180,415
7,725,959	7,073,440	7,931,194	7,763,048	8,047,183	8,093,547	7,855,096	7,581,577	6,969,582	6,927,642	7,085,389

VALOR MENSUAL DE LA PRODUCCIÓN MINERO-METALÚRGICA EN 2018  
(Miles de pesos a precios corrientes)

PRODUCTO	ENE	FEB	MAR	ABR	MAY	JUN
	21,495,696.3	19,963,589.7	22,860,136.8	20,808,660.8	20,799,472.4	21,982,195.3
<b>MINERALES PRECIOSOS</b>	<b>9,568,038.1</b>	<b>8,883,854.0</b>	<b>10,800,150.5</b>	<b>9,621,632.1</b>	<b>9,996,429.5</b>	<b>9,623,361.2</b>
Oro	6,764,197.3	6,289,476.5	7,408,873.4	6,394,903.2	6,440,645.5	6,298,029.0
Plata	2,803,840.8	2,594,377.5	3,391,277.1	3,226,728.9	3,555,784.1	3,325,332.2
<b>MINERALES INDUSTRIALES NO FERROSOS</b>	<b>8,424,526.1</b>	<b>7,915,985.4</b>	<b>8,684,733.7</b>	<b>7,839,805.7</b>	<b>7,199,830.6</b>	<b>8,919,750.2</b>
Plomo	291,448.3	416,735.2	594,000.6	489,279.2	453,472.4	638,427.5
Cobre	5,386,646.2	4,719,554.3	5,370,091.7	4,761,121.4	4,660,955.0	5,458,336.2
Zinc	2,086,863.4	2,244,239.7	2,076,901.9	1,948,532.9	1,387,373.1	2,150,674.3
Bismuto	2,152.8	6,080.0	6,250.4	6,296.8	6,145.2	5,916.0
Cadmio	4,305.1	5,058.0	5,560.6	7,471.7	4,554.6	6,411.5
Selenio	7,835.4	7,567.8	4,742.2	7,915.0	7,118.3	8,821.4
Molibdeno	645,274.9	516,750.3	627,186.3	619,188.7	680,211.9	651,163.4
<b>MINERALES SIDERÚRGICOS</b>	<b>2,205,327.2</b>	<b>1,944,757.8</b>	<b>2,152,713.0</b>	<b>2,102,579.4</b>	<b>2,233,342.4</b>	<b>2,126,285.7</b>
Carbón No Coquizable	341,101.6	334,461.3	351,940.5	416,353.5	439,275.8	430,565.4
Coque	659,451.0	595,998.1	571,139.6	556,519.5	572,482.3	548,468.6
Fierro	1,098,328.0	983,192.7	1,100,264.5	1,004,210.4	1,106,676.0	1,036,886.7
Manganeso	106,446.6	31,105.8	129,368.4	125,496.0	114,908.3	110,365.0
<b>MINERALES NO METÁLICOS</b>	<b>1,297,804.9</b>	<b>1,218,992.5</b>	<b>1,222,539.5</b>	<b>1,244,643.5</b>	<b>1,369,869.8</b>	<b>1,312,798.0</b>
Azufre	60,092.0	56,231.6	65,892.1	59,177.1	69,963.4	58,155.4
Grafito	1,008.0	771.2	2,954.3	1,330.2	3,173.4	3,438.4
Barita	66,184.3	56,581.1	74,097.3	77,958.9	71,780.7	48,058.7
Dolomita	90,010.0	83,753.2	104,513.4	96,275.5	101,940.4	107,397.7
Fluorita	361,682.2	320,994.1	304,073.8	315,439.0	393,584.0	371,878.1
Caolín	29,657.7	84,414.9	37,607.0	43,151.2	38,065.3	45,155.8
Arena Sílica	30,701.4	35,179.9	39,293.8	37,225.6	39,803.1	40,970.3
Yeso	105,327.1	90,820.1	80,520.9	73,772.2	72,094.8	72,642.6
Fosforita	99,762.5	75,425.4	70,558.0	73,559.0	77,555.7	86,973.3
Wollastonita	25,865.9	28,159.9	30,895.7	29,520.1	31,718.4	27,530.8
Celestita	1,848.4	2,075.8	2,288.6	3,187.4	2,898.4	3,251.6
Feldespató	4,233.0	3,988.2	4,479.3	4,269.5	4,627.4	4,639.2
Sal	207,667.7	176,557.1	187,876.6	210,808.1	244,297.2	246,291.0
Diatomita	28,370.5	28,092.8	27,610.9	27,887.7	27,708.0	28,001.7
Sulfato de Sodio	173,762.5	164,806.2	176,249.6	175,902.1	173,671.1	153,626.7
Sulfato de Magnesio	11,631.6	11,141.0	13,628.3	15,180.0	16,988.6	14,786.9

Notas: El Valor de la Producción para los Metales excepto el Selenio y el Pellet de Fierro, se obtienen con las Cotizaciones Internacionales; para los Minerales No Metálicos el Valor de la Producción se obtiene de los Precios del Mercado Nacional.  
La suma de los parciales puede no coincidir con los totales debido al redondeo.  
Fuente:INEGI

JUL	AGO	SEP	OCT	NOV	DIC	TOTAL
18,635,446.9	18,034,366.8	18,341,680.2	18,309,449.9	19,767,783.0	20,635,672.7	241,634,150.8
8,085,594.8	7,775,204.5	8,022,418.0	7,845,431.4	8,292,985.9	9,069,235.5	107,584,335.6
5,220,761.1	5,024,111.9	5,275,395.0	5,268,754.7	5,333,967.5	6,001,559.9	71,720,674.9
2,864,833.7	2,751,092.6	2,747,023.0	2,576,676.7	2,959,018.4	3,067,675.6	35,863,660.7
7,467,015.4	7,069,955.4	7,201,409.0	7,298,298.3	8,143,477.2	8,235,120.3	94,399,907.3
549,624.9	381,108.1	460,290.0	360,451.3	523,344.9	486,128.7	5,644,311.1
4,954,273.1	4,585,309.2	4,644,215.0	4,675,238.7	4,992,156.5	5,163,999.9	59,371,897.2
1,292,386.8	1,439,693.7	1,485,889.5	1,593,109.1	1,972,231.7	1,822,473.1	21,500,369.3
5,416.2	4,876.1	3,461.5	4,813.5	4,459.2	5,159.5	61,027.3
5,677.4	6,329.7	6,381.7	5,733.7	5,470.0	4,336.4	67,290.3
6,791.2	5,854.6	6,897.6	5,714.1	6,462.9	4,178.8	79,899.3
652,845.8	646,784.1	594,273.7	653,238.0	639,352.0	748,844.0	7,675,112.9
1,825,736.2	2,021,796.5	1,808,110.7	1,951,348.2	2,031,142.9	2,168,812.4	24,571,952.6
345,846.2	382,405.4	308,605.1	444,437.8	468,257.3	374,567.6	4,637,817.5
564,451.0	524,661.2	513,809.1	550,018.1	555,785.6	583,314.7	6,796,098.8
869,106.8	998,132.6	877,649.1	845,387.4	874,923.9	1,069,816.7	11,864,574.9
46,332.2	116,597.2	108,047.4	111,504.8	132,176.2	141,113.4	1,273,461.4
1,257,100.6	1,167,410.4	1,309,742.5	1,214,372.0	1,300,177.0	1,162,504.6	15,077,955.3
58,106.8	67,528.7	69,486.6	58,197.2	64,653.6	33,412.9	720,897.4
2,475.0	1,232.2	3,170.7	1,957.1	2,001.2	1,016.8	24,528.4
59,580.6	65,192.9	67,211.1	67,643.2	69,806.1	68,064.0	792,158.8
110,624.9	101,979.8	105,584.5	104,859.0	106,347.6	105,829.8	1,219,115.9
298,797.0	198,209.0	358,360.8	261,890.0	322,355.9	312,782.9	3,820,046.8
33,483.9	37,897.2	33,541.7	39,286.1	26,867.6	34,988.6	484,117.0
41,900.0	44,798.0	43,606.0	47,929.1	45,453.0	46,273.6	493,133.9
87,011.6	88,044.0	74,023.9	89,491.1	77,094.3	62,645.6	973,488.1
68,984.6	73,378.3	62,427.4	62,683.1	75,499.6	58,394.3	885,201.2
27,136.3	26,788.8	27,231.9	21,974.6	30,313.2	17,680.6	324,816.2
1,994.3	5,026.0	2,981.8	2,978.0	5,342.5	1,309.3	35,182.0
5,173.2	4,323.4	4,204.4	4,457.8	4,157.7	4,210.9	52,763.9
237,365.6	231,108.3	215,500.0	211,017.9	228,756.2	191,448.8	2,588,694.6
28,030.9	28,083.3	28,057.5	27,980.3	28,213.1	28,099.5	336,136.1
180,728.0	181,550.6	196,859.3	195,869.1	196,274.4	181,551.7	2,150,851.2
15,707.7	12,269.9	17,495.1	16,158.5	17,040.9	14,795.3	176,823.9

VOLUMEN MENSUAL DE LA PRODUCCIÓN MINERO-METALÚRGICA EN 2018  
(Toneladas)

PRODUCTO	ENE	FEB	MAR	ABR	MAY	JUN
<b>MINERALES PRECIOSOS <sup>a/</sup></b>						
Oro ( Kg )	8,337	7,886	9,323	8,115	7,867	7,518
Plata ( Kg )	268,624	261,164	343,147	328,296	343,296	307,807
<b>MINERALES INDUSTRIALES NO FERROSOS <sup>a/</sup></b>						
Plomo	5,937	8,666	13,280	11,303	9,819	12,891
Cobre	40,136	36,175	42,347	37,915	34,972	38,623
Zinc	31,937	34,026	33,928	33,255	23,223	34,286
Bismuto	18	30	30	30	30	30
Cadmio	102	99	88	119	74	119
Selenio	10	9	5	8	7	10
Molibdeno	1,348	1,027	1,198	1,262	1,377	1,201
<b>MINERALES SIDERÚRGICOS</b>						
Carbón No Coquizable <sup>b/</sup>	541,610	536,158	564,018	676,474	651,050	629,686
Coque <sup>b/</sup>	105,243	95,939	106,778	101,768	102,426	97,704
Pellets de Fierro <sup>a/</sup>	605,083	549,076	658,505	653,535	675,795	616,972
Manganeso <sup>a/</sup>	18,852	5,226	19,262	19,176	18,463	18,820
<b>MINERALES NO METÁLICOS <sup>b/</sup></b>						
Azufre <sup>c/</sup>	37,168	36,183	42,841	39,733	43,961	35,303
Grafito	160	150	517	230	523	574
Barita	31,033	26,409	33,360	35,514	31,490	30,036
Dolomita	551,012	500,019	661,758	646,652	644,813	641,180
Fluorita	111,971	101,469	95,470	104,298	123,257	112,628
Caolín	9,861	22,649	9,992	12,145	10,709	12,701
Arena Sílica	205,056	191,717	208,371	196,910	208,318	207,617
Yeso	548,919	488,585	477,025	432,801	461,803	467,317
Fosforita	81,854	63,244	59,696	63,810	63,038	65,494
Wollastonita	6,800	6,579	7,724	7,942	8,432	7,308
Celestita	1,896	2,141	2,361	3,354	2,837	3,080
Feldespato	17,641	16,613	18,907	17,586	18,740	18,077
Sal	729,929	638,275	672,008	779,152	836,766	812,737
Diatomita	7,682	7,702	7,690	7,767	7,717	7,736
Sulfato de Sodio	64,945	60,916	68,989	65,743	61,789	63,697
Sulfato de Magnesio	3,824	3,641	4,582	4,873	5,208	5,137
Carbón Todo Uno	991,229	914,221	1,075,217	1,232,524	1,022,028	1,005,754
Carbón Lavado	396,662	333,839	360,206	369,197	397,395	413,889
Fierro en Extracción <sup>a/</sup>	1,174,040	976,823	1,125,790	1,253,269	1,248,632	1,015,111

Notas:

a/ Contenido Metálico

b/ Volumen del Mineral

c/ Obtenido en la Refinación del Petróleo Crudo

Fuente: INEGI

JUL	AGO	SEP	OCT	NOV	DIC	TOTAL
6,884	6,907	7,187	7,055	6,711	7,447	91,237
297,685	303,137	314,611	287,312	316,849	322,081	3,694,009
13,008	9,787	11,901	9,494	13,339	12,334	131,759
41,564	40,329	40,480	39,369	39,858	41,844	473,612
25,453	30,288	32,082	31,241	37,656	34,146	381,521
30	29	20	28	29	29	333
111	139	133	119	114	90	1,307
11	10	11	9	10	7	107
1,318	1,297	1,204	1,296	1,209	1,412	15,149
522,207	574,410	461,900	636,996	640,918	536,007	6,971,434
101,786	95,412	92,015	95,216	91,628	94,500	1,180,415
557,799	624,137	556,823	524,341	462,319	601,004	7,085,389
8,186	20,906	18,400	18,911	20,651	22,170	209,023
34,130	40,184	39,898	31,976	30,551	30,729	442,657
439	230	488	320	331	168	4,130
29,947	29,276	30,023	30,245	29,398	29,503	366,234
660,447	647,676	649,387	655,152	649,713	653,331	7,561,140
93,953	61,822	111,959	88,224	95,442	81,565	1,182,058
9,419	11,803	9,928	11,928	10,166	11,855	143,156
205,602	216,071	208,771	228,061	215,453	219,299	2,511,246
532,191	547,503	456,709	554,368	467,666	384,159	5,819,046
57,598	61,802	51,423	60,619	60,716	52,384	741,678
7,946	7,425	6,885	5,938	5,774	4,867	83,620
2,029	5,118	3,032	3,018	5,388	1,235	35,489
19,211	16,223	16,160	17,472	16,447	16,693	209,770
840,036	825,216	766,075	747,474	756,489	624,990	9,029,147
7,743	7,727	7,735	7,734	7,733	7,734	92,700
66,109	66,015	65,198	67,102	63,481	66,622	780,606
4,863	3,754	5,000	4,700	4,700	4,505	54,787
882,931	870,115	771,349	1,098,852	1,082,450	937,309	11,883,979
379,436	368,935	259,363	265,800	289,558	261,612	4,095,892
871,957	1,078,339	751,886	831,407	815,395	1,029,972	12,172,621

## COTIZACIONES INTERNACIONALES EN 2018

PRODUCTO	UNI	ENE	FEB	MAR	ABR	MAY
<b>METALES PRECIOSOS</b>						
Oro	Dls * Oz. Tr	1,331.305000	1,331.376000	1,324.657000	1,334.764000	1,303.448000
Plata	Dls * Oz. Tr	17.127140	16.582360	16.472950	16.648380	16.489900
<b>METALES INDUSTRIALES NO FERROSOS</b>						
Plomo	Dls * Lib	1.174721	1.170663	1.087279	1.069306	1.072257
Cobre	Dls * Lib	3.211623	3.176017	3.082558	3.101967	3.094352
Zinc	Dls * Lib	1.563652	1.605642	1.488024	1.447404	1.387044
Bismuto	\$ * Kg	119.600000	202.666667	208.347300	209.894775	204.841392
Cadmio	\$ * Kg	42.206678	51.090803	63.188641	62.787446	61.548426
Selenio	Dls * Lib	18.750000	20.470000	23.055000	24.440000	23.610000
Molibdeno	Dls * Lib	11.455000	12.249000	12.726000	12.120000	11.469000
<b>METALES Y MINERALES SIDERÚRGICOS</b>						
Carbón No Coquizable	\$ * Kg	0.629792	0.623811	0.623988	0.615476	0.674719
Coque	\$ * Kg	6.265984	6.212261	5.348851	5.468512	5.589228
Fierro	\$ * Kg	1.815169	1.790631	1.670852	1.536582	1.637591
Manganeso	Dls * Kg	0.297880	0.319440	0.359920	0.356400	0.318560
<b>MINERALES NO METÁLICOS</b>						
Azufre	\$ * Kg	1.616767	1.554090	1.538061	1.489368	1.591487
Grafito	\$ * Kg	6.300000	5.141114	5.714330	5.783420	6.067624
Barita	\$ * Kg	2.132706	2.142492	2.221141	2.195160	2.279475
Dolomita	\$ * Kg	0.163354	0.167500	0.157933	0.148883	0.158093
Fluorita	\$ * Kg	3.230142	3.163470	3.185019	3.024401	3.193198
Caolín	\$ * Kg	3.007577	3.727092	3.763710	3.553000	3.554514
Arena Sílica	\$ * Kg	0.149722	0.183499	0.188576	0.189049	0.191069
Yeso	\$ * Kg	0.191881	0.185884	0.168798	0.170453	0.156116
Fosforita	\$ * Kg	1.218786	1.192609	1.181956	1.152781	1.230301
Wollastonita	\$ * Kg	3.803816	4.280273	3.999956	3.716960	3.761666
Celestita	\$ * Kg	0.974890	0.969566	0.969323	0.950318	1.021636
Feldespato	\$ * Kg	0.239954	0.240065	0.236914	0.242776	0.246924
Sal	\$ * Kg	0.284504	0.276616	0.279575	0.270561	0.291954
Diatomita	\$ * Kg	3.693113	3.647473	3.590498	3.590535	3.590516
Sulfato de Sodio	\$ * Kg	2.675533	2.705466	2.554749	2.675602	2.810712
Sulfato de Magnesio	\$ * Kg	3.041732	3.059871	2.974309	3.115123	3.262029
Dólar	\$ * Dls	18.955400	18.633000	18.660400	18.362600	19.537000

JUN	JUL	AGO	SEP	OCT	NOV	DIC	TOTAL
1,282.428571	1,237.738095	1,201.326522	1,199.197500	1,215.047826	1,220.144737	1,244.115625	<b>1,268.795740</b>
16.539048	15.707143	14.987391	14.265000	14.591739	14.337368	14.703750	<b>15.704347</b>
1.105714	1.005714	0.937826	0.921500	0.900870	0.878421	0.887350	<b>1.017635</b>
3.155238	2.837143	2.738261	2.733500	2.817826	2.804211	2.778438	<b>2.960928</b>
1.400476	1.208571	1.144783	1.103500	1.210000	1.172632	1.201625	<b>1.327779</b>
197.199558	180.540207	168.141950	173.075706	171.910500	153.763833	177.913316	<b>180.657934</b>
53.878171	51.147797	45.537147	47.982846	48.181963	47.982846	48.181963	<b>51.976227</b>
19.695000	14.695000	14.100000	14.940000	15.065000	14.470000	13.440000	<b>18.060833</b>
12.105000	11.790000	12.010000	11.760000	11.960000	11.840000	11.940000	<b>11.952000</b>
0.683778	0.662278	0.665736	0.668121	0.697709	0.730604	0.698811	<b>0.664569</b>
5.613574	5.545468	5.498902	5.583971	5.776530	6.065674	6.172642	<b>5.761800</b>
1.680606	1.558100	1.599220	1.576173	1.612286	1.892468	1.780049	<b>1.679144</b>
0.288640	0.297000	0.296120	0.308440	0.308440	0.315920	0.315920	<b>0.315223</b>
1.647322	1.702515	1.680488	1.741606	1.820026	2.116251	1.087342	<b>1.632110</b>
5.990222	5.637872	5.357374	6.497238	6.115886	6.045850	6.052648	<b>5.891965</b>
1.600037	1.989535	2.226837	2.238653	2.236509	2.374520	2.307020	<b>2.162007</b>
0.167500	0.167500	0.157455	0.162591	0.160053	0.163684	0.161985	<b>0.161378</b>
3.301826	3.180282	3.206124	3.200822	2.968467	3.377506	3.834768	<b>3.238835</b>
3.555295	3.554932	3.210812	3.378497	3.293602	2.642886	2.951376	<b>3.349441</b>
0.197336	0.203792	0.207330	0.208870	0.210159	0.210965	0.211007	<b>0.195948</b>
0.155446	0.163497	0.160810	0.162081	0.161429	0.164849	0.163072	<b>0.167026</b>
1.327959	1.197691	1.187313	1.213997	1.034050	1.243488	1.114735	<b>1.191306</b>
3.767210	3.415088	3.607919	3.955253	3.700672	5.249952	3.632750	<b>3.907626</b>
1.055716	0.982911	0.982031	0.983428	0.986756	0.991550	1.060133	<b>0.994022</b>
0.256634	0.269281	0.266497	0.260171	0.255141	0.252795	0.252254	<b>0.251617</b>
0.303039	0.282566	0.280058	0.281304	0.282308	0.302392	0.306323	<b>0.286767</b>
3.619657	3.620156	3.634437	3.627339	3.617828	3.648404	3.633242	<b>3.626100</b>
2.411836	2.733788	2.750141	3.019407	2.918975	3.091860	2.725102	<b>2.756098</b>
2.878504	3.230053	3.268489	3.499025	3.437988	3.625722	3.284197	<b>3.223087</b>
20.316800	19.057000	18.834300	19.038200	19.116500	20.259800	20.147700	<b>19.243225</b>

### COTIZACIONES DE LOS PRINCIPALES METALES BASE 1988-2018

Año	Oro <sup>2/</sup>	Plata <sup>2/</sup>	Cobre <sup>3/</sup>	Plomo <sup>3/</sup>	Zinc <sup>3/</sup>
1988	437.05	6.53	119.11	29.73	60.20
1989	381.04	5.50	129.53	30.63	82.02
1990	383.51	4.83	119.54	37.22	74.56
1991	362.11	4.01	107.93	25.34	52.77
1992	343.82	3.95	106.02	24.54	58.38
1993	359.78	4.24	90.16	18.43	46.16
1994	384.00	5.37	110.23	24.85	49.23
1995	384.15	5.20	138.33	28.62	53.40
1996	386.61	5.20	109.04	35.12	51.11
1997	331.02	4.90	106.67	28.31	64.56
1998	294.16	5.53	75.91	23.98	51.43
1999	278.11	5.24	72.08	22.80	53.47
2000	279.02	4.97	83.71	20.59	55.23
2001	270.98	4.38	72.56	21.60	43.40
2002	309.90	4.60	70.00	20.50	35.30
2003	363.50	4.88	80.70	23.40	37.60
2004	409.20	6.65	130.00	40.20	47.50
2005	444.90	7.31	166.90	44.30	62.70
2006	604.30	11.57	304.90	58.50	148.60
2007	696.70	13.39	322.90	117.00	147.10
2008	871.70	15.02	315.50	94.80	85.00
2009	972.80	14.65	233.60	78.00	75.10
2010	1,224.70	20.16	341.80	97.50	98.00
2011	1,568.60	35.11	400.10	108.90	99.50
2012	1,668.80	31.15	360.60	93.54	88.40
2013	1,411.00	23.83	333.10	97.70	87.10
2014	1,265.58	19.08	311.20	95.10	98.10
2015	1,160.10	15.70	249.60	81.00	87.70
2016	1,249.00	17.14	220.80	84.70	94.80
2017	1,257.60	17.00	279.90	110.80	131.10
2018	1,271.44	17.71	295.98	101.78	132.68

Nota:  
2/ Dólares por onza  
3/ Centavos de dólar por libra  
Fuente: DGDM con datos del Metals Week.,  
LME y Cochilco

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### RESUMEN DE LA PRODUCCIÓN MINERA POR ESTADO PRINCIPALES PRODUCTOS EN 2018

ESTADO Y MUNICIPIO	ORO (Kg)	PLATA (Kg)	PLOMO (Tons)	COBRE (Tons)	ZINC (Tons)	HIERRO (Tons)
<b>TOTAL</b>	<b>118,358.9</b>	<b>6,049,190</b>	<b>240,304</b>	<b>751,005</b>	<b>690,895</b>	<b>12,172,621</b>
AGUASCALIENTES	225.0	32,403	4,862	1,003	18,039	0
BAJA CALIFORNIA	1,452.8	18,837	0	0	0	0
BAJA CALIFORNIA SUR	0	0	0	19,440	0	0
COAHUILA DE ZARAGOZA	0	49,882	0	0	0	3,963,255
COLIMA	0	0	0	0	0	3,151,782
CHIHUAHUA	21,839.3	1,294,589	39,889	15,335	102,464	520,008
DURANGO	11,474.9	946,820	21,478	5,881	95,794	2,013,433
GUANAJUATO	2,109.3	143,734	0	0	0	0
GUERRERO	17,085.4	23,983	0	286	0	140
HIDALGO	58.2	64,543	10,027	12,091	32,015	0
JALISCO	457.1	102,125	4,573	0	1,315	0
MÉXICO	1,056.9	199,619	7,364	1,160	35,005	0
MICHOACÁN DE OCAMPO	179.5	258	0	2,227	0	2,407,456
NAYARIT	159.3	4,815	0	0	0	0
OAXACA	2,511.5	300,651	7,385	1,652	19,809	0
PUEBLA	0	0	0	0	0	114,813
QUERÉTARO DE ARTEAGA	420.2	20,458	2,596	3,900	13,634	0
SAN LUIS POTOSÍ	1,306.1	145,335	989	29,221	30,594	0
SINALOA	2,400.6	67,273	7,700	884	17,230	0
SONORA	40,234.9	398,680	0	610,774	0	1,734
ZACATECAS	15,387.9	2,235,185	133,441	47,151	324,996	0

Nota: (A) Contenido metálico  
La suma de los parciales puede no coincidir con los totales debido al redondeo  
Fuente: INEGI



RESUMEN DE LA PRODUCCIÓN MINERA POR ENTIDAD Y MUNICIPIO EN 2018<sup>1/</sup>

ESTADO Y MUNICIPIO	ORO (Kg)	PLATA (Kg)	PLOMO (Tons)	COBRE (Tons)	ZINC (Tons)
<b>TOTAL</b>	<b>118,358.9</b>	<b>6,049,190</b>	<b>240,304</b>	<b>751,005</b>	<b>690,895</b>
<b>AGUASCALIENTES</b>	<b>225.0</b>	<b>32,403</b>	<b>4,862</b>	<b>1,003</b>	<b>18,039</b>
Asientos	225.0	32,403	4,862	1,003	18,039
<b>BAJA CALIFORNIA</b>	<b>1,452.8</b>	<b>18,837</b>	<b>0</b>	<b>0</b>	<b>0</b>
Mexicali	1,452.8	18,837	0	0	0
<b>BAJA CALIFORNIA SUR</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>19,440</b>	<b>0</b>
Mulegé	0	0	0	19,440	0
<b>COAHUILA DE ZARAGOZA</b>	<b>0</b>	<b>49,882</b>	<b>0</b>	<b>0</b>	<b>0</b>
Ocampo	0	49,882	0	0	0
<b>CHIHUAHUA</b>	<b>21,839.3</b>	<b>1,294,589</b>	<b>39,889</b>	<b>15,335</b>	<b>102,464</b>
Aquiles Serdán	0	19,257	4,356	0	15,629
Ascensión	2.1	13,281	2,041	1,059	21,594
Cusihuirachi	11.6	21,774	542	0	32
Chínipas	4,294.1	278,957	0	0	0
Guadalupe y Calvo	2,565.0	455,010	7,538	0	22,590
Hidalgo del Parral	109.3	17,638	867	18	1,119
Madera	4,248.6	126,933	0	0	0
Matamoros	0	0	161	0	208
Ocampo	8,737.0	181,450	0	0	0
San Francisco del Oro	96.2	33,065	6,086	1,834	13,521
Santa Bárbara	141.0	103,299	18,298	4,610	27,771
Temósachic	1,134.0	8,769	0	0	0
Urique	500.4	35,156	0	7,814	0
<b>DURANGO</b>	<b>11,474.9</b>	<b>946,820</b>	<b>21,478</b>	<b>5,881</b>	<b>95,794</b>
Canelas	0	908	30	0	0
Cuencamé	679.4	100,158	6,084	3,507	80,300
Guanaceví	224.0	65,513	403	5	462
Mapimí	0	185,009	2,169	0	767
Nombre de Dios	23.8	41,679	3,943	0	2,584
Otáez	2,270.8	153,738	0	0	0
Pánuco de Coronado	206.2	32,489	0	2,054	0
San Dimas	1,682.6	112,652	0	0	0
San Juan del Río	3,520.2	7,604	0	0	0
Santiago Papasquiaro	2,759.5	192,121	5,244	295	7,150
Tepehuanes	69.9	14,895	305	0	300
Topía	38.5	40,054	3,300	20	4,231
<b>GUANAJUATO</b>	<b>2,109.3</b>	<b>143,734</b>	<b>0</b>	<b>0</b>	<b>0</b>
Guanajuato	2,109.3	143,734	0	0	0
<b>GUERRERO</b>	<b>15,143.2</b>	<b>26,922</b>	<b>0</b>	<b>0</b>	<b>0</b>
Arcelia	0	0	0	0	0
Cocula	11,009.0	20,685	0	286	0
Eduardo Neri	6,076.4	3,298	0	0	0

CONTINÚA ...

RESUMEN DE LA PRODUCCIÓN MINERA POR ENTIDAD Y MUNICIPIO EN 2018<sup>1/</sup>

ESTADO Y MUNICIPIO	ORO (Kg)	PLATA (Kg)	PLOMO (Tons)	COBRE (Tons)	ZINC (Tons)
<b>HIDALGO</b>	<b>58.2</b>	<b>64,543</b>	<b>10,027</b>	<b>12,091</b>	<b>32,015</b>
Mineral del Chico	11.4	3,276	0	0	0
Pachuca de Soto	46.8	13,370	0	0	0
Zimapán	0	47,897	10,027	12,091	32,015
<b>JALISCO</b>	<b>457.1</b>	<b>102,125</b>	<b>4,573</b>	<b>0</b>	<b>1,315</b>
Bolaños	0	33,452	4,561	0	1,315
Etzatlán	36.8	0	12	0	0
San Martín de Bolaños	162.6	54,311	0	0	0
San Sebastián del Oeste	257.7	14,362	0	0	0
<b>MÉXICO</b>	<b>1,056.9</b>	<b>199,619</b>	<b>7,364</b>	<b>1,160</b>	<b>35,005</b>
Temascaltepec	110.9	11,164	0	0	0
Zacazonapan	934.0	165,226	7,034	1,160	34,392
Zacualpan	12.0	23,229	330	0	613
<b>MICHOACÁN DE OCAMPO</b>	<b>179.5</b>	<b>258</b>	<b>0</b>	<b>2,227</b>	<b>0</b>
Arteaga	9.9	258	0	0	0
Churumuco	92.9	0	0	556	0
Huetamo	0	0	0	859	0
Turicato	76.7	0	0	812	0
<b>NAYARIT</b>	<b>159.3</b>	<b>4,815</b>	<b>0</b>	<b>0</b>	<b>0</b>
Compostela	39.3	1,188	0	0	0
Santa María del Oro	120.0	3,627	0	0	0
<b>OAXACA</b>	<b>2,511.5</b>	<b>300,651</b>	<b>7,385</b>	<b>1,652</b>	<b>19,809</b>
Ixtlán de Juárez	3.1	453	104	0	0
San José del Progreso	1,664.5	248,192	0	0	0
San Pedro Totolápam	843.9	52,006	7,281	1,652	19,809
<b>QUERÉTARO</b>	<b>420.2</b>	<b>20,458</b>	<b>2,596</b>	<b>3,900</b>	<b>13,634</b>
Cadereyta de Montes	0	12,464	2,596	3,900	13,634
Colón	420.2	7,994	0	0	0
<b>SAN LUIS POTOSÍ</b>	<b>1,306.1</b>	<b>145,335</b>	<b>989</b>	<b>29,221</b>	<b>30,594</b>
Cerro de San Pedro	423.7	5,994	0	0	0
Charcas	46.4	45,632	989	3,229	30,594
Villa de la Paz	836.0	93,709	0	25,992	0

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RESUMEN DE LA PRODUCCIÓN MINERA POR ENTIDAD Y MUNICIPIO EN 2018<sup>1/</sup>

ESTADO Y MUNICIPIO	ORO (Kg)	PLATA (Kg)	PLOMO (Tons)	COBRE (Tons)	ZINC (Tons)
<b>SINALOA</b>	<b>2,400.6</b>	<b>67,273</b>	<b>7,700</b>	<b>884</b>	<b>17,230</b>
Concordia	88.7	11,535	0	0	0
Cosalá	13.4	51,227	7,700	884	17,230
Culiacán	0	0	0	0	0
Mocorito	1,268.0	255	0	0	0
Rosario	1,030.5	4,256	0	0	0
<b>SONORA</b>	<b>40,234.9</b>	<b>398,680</b>	<b>0</b>	<b>610,774</b>	<b>0</b>
Alamos	117.9	25,102	0	29,582	0
Altar	1,423.8	2,748	0	0	0
Banámichi	1,457.4	69,150	0	0	0
Caborca	19,511.0	48,289	0	0	0
Cananea	1,463.6	160,558	0	416,737	0
Cucurpe	2,622.3	10,723	0	0	0
Hermosillo	1,427.1	4,582	0	0	0
Magdalena	1,741.1	0	0	0	0
Nacoziari de García	242.1	65,335	0	132,763	0
Sahuaripa	8,538.6	11,423	0	0	0
San Javier	0	0	0	10,449	0
Santa Ana	1,690.0	770	0	0	0
Santa Cruz	0	0	0	21,243	0
<b>ZACATECAS</b>	<b>15,387.9</b>	<b>2,235,185</b>	<b>133,441</b>	<b>47,151</b>	<b>324,996</b>
Chalchihuites	140.4	294,381	7,326	0	7,116
Fresnillo	4,108.6	1,106,209	43,731	0	73,122
General Pánfilo Natera	0	16,959	233	0	145
Jerez	10.5	806	28	31	0
Mazapil	8,831.0	616,113	60,885	23,237	172,581
Melchor Ocampo	2.9	29	0	0	0
Miguel Auza	0	27,958	2,505	0	3,579
Morelos	0	71,268	12,118	18,785	54,968
Ojocaliente	2,228.5	266	0	0	0
Sombrerete	0	99,748	6,174	5,086	12,742
Vetagrande	0	27	429	0	743
Villanueva	6.1	406	12	12	0
Zacatecas	59.9	1,015	0	0	0

Nota: (1) Contenido metálico

Las sumas de los parciales pueden no coincidir con los totales debido al redondeo

Fuente: INEGI

RESUMEN DE LA PRODUCCIÓN MINERA POR ENTIDAD Y MUNICIPIO EN 2018 <sup>A/ B/</sup>

MUNICIPIO	Barita	Caolín	Carbón		Celestita	Coque	Diatomita	Dolomita	Fierro	
			No Coquizable	Todo Uno					Mina <sup>2/</sup>	Pellets <sup>3/</sup>
<b>TOTAL</b>	<b>366,234</b>	<b>143,156</b>	<b>6,971,434</b>	<b>11,883,979</b>	<b>35,489</b>	<b>1,180,415</b>	<b>92,700</b>	<b>7,561,140</b>	<b>12,172,621</b>	<b>7,085,389</b>
<b>BAJA CALIFORNIA</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,000</b>	<b>0</b>
Ensenada	-	-	-	-	-	-	-	-	5,000	-
<b>BAJA CALIFORNIA SUR</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Mulegé	0	0	0	0	0	0	0	0	0	0
La Paz	0	0	0	0	0	0	0	0	0	0
<b>COAHUILA DE ZARAGOZA</b>	<b>12,633</b>	<b>0</b>	<b>6,971,434</b>	<b>11,883,979</b>	<b>35,489</b>	<b>1,180,415</b>	<b>0</b>	<b>1,243,491</b>	<b>3,963,255</b>	<b>2,604,068</b>
Abasolo	0	0	40,436	40,436	0	0	0	0	0	0
Acuña	0	0	0	0	0	0	0	0	0	0
Castaños	0	0	0	0	0	0	0	714,818	0	0
Cuatro Ciénegas	0	0	0	0	0	0	0	0	0	0
Escobedo	0	0	152,652	152,652	0	0	0	0	0	0
Hidalgo	0	0	0	0	0	0	0	0	0	0
Juárez	0	0	3,609	3,609	0	0	0	0	0	0
Monclova	0	0	0	0	0	1,179,700	0	0	0	2,604,068
Múzquiz	12,067	0	187,917	5,038,237	0	0	0	0	0	0
Nava	0	0	6,304,734	6,304,734	0	0	0	0	0	0
Ocampo	0	0	0	0	0	0	0	17,476	0	0
Parras	566	0	0	0	0	0	0	0	0	0
Progreso	0	0	115,390	115,390	0	0	0	0	0	0
Ramos Arizpe	0	0	0	0	0	0	0	173,285	0	0
Sabinas	0	0	126,722	139,639	0	0	0	0	0	0
San Juan de Sabinas	0	0	39,974	89,282	0	715	0	0	0	0
San Pedro	0	0	0	0	35,489	0	0	0	466	0
Sierra Mojada	0	0	0	0	0	0	0	337,912	3,962,789	0
<b>COLIMA</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,151,782</b>	<b>3,623,841</b>
Armería	0	0	0	0	0	0	0	0	0	0
Colima	0	0	0	0	0	0	0	0	311,739	0
Cuahtémoc	0	0	0	0	0	0	0	0	0	1,248,832
Manzanillo	0	0	0	0	0	0	0	0	0	2,375,009
Minatitlán	0	0	0	0	0	0	0	0	2,840,043	0
Tecomán	0	0	0	0	0	0	0	0	0	0
<b>CHIHUAHUA</b>	<b>4,016</b>	<b>94,572</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,817,000</b>	<b>520,008</b>	<b>0</b>
Camargo	0	0	0	0	0	0	0	0	520,008	0
Chihuahua	0	48,000	0	0	0	0	0	2,490,000	0	0
Guadalupe	0	0	0	0	0	0	0	0	0	0
Jiménez	0	46,572	0	0	0	0	0	0	0	0
Juárez	0	0	0	0	0	0	0	3,327,000	0	0
Julimes	4,016	0	0	0	0	0	0	0	0	0
<b>DURANGO</b>	<b>0</b>	<b>260</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,013,433</b>	<b>0</b>
Durango	0	0	0	0	0	0	0	0	2,013,433	0
Indé	0	0	0	0	0	0	0	0	0	0
Peñón Blanco	0	260	0	0	0	0	0	0	0	0
<b>GUANAJUATO</b>	<b>0</b>	<b>9,531</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Celaya	0	5,695	0	0	0	0	0	0	0	0
Comonfort	0	3,836	0	0	0	0	0	0	0	0

Feldespato	Fluorita	Fosforita	Grafito	Manganeso	Molibdeno	Sal	Arena Sílica	Wollastonita	Yeso	Sulfato de Sodio	Sulfato de Magnesio
209,770	1,182,058	741,678	4,130	209,023	15,149	9,029,147	2,511,246	83,620	5,819,046	780,606	54,787
0	0	0	0	0	0	2,027	0	0	0	0	0
-	-	-	-	-	-	2,027	-	-	-	-	-
0	0	680,651	0	0	0	7,150,611	0	0	3,098,576	0	0
0	0	0	0	0	0	7,150,611	0	0	3,098,576	0	0
0	0	680,651	0	0	0	0	0	0	0	0	0
0	48,793	0	0	0	0	0	959,752	0	259,478	780,606	54,787
0	0	0	0	0	0	0	0	0	0	0	0
0	41,481	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	3,674	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	959,752	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	7,312	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	255,804	0	0
0	0	0	0	0	0	0	0	0	0	780,606	54,787
0	0	0	0	0	24,068	0	0	175,417	0	0	0
0	0	0	0	0	14,034	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	10,034	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	175,417	0	0	0
0	0	0	0	0	0	0	0	168,076	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	131,776	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	36,300	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	304	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	304	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0

RESUMEN DE LA PRODUCCIÓN MINERA POR ENTIDAD Y MUNICIPIO EN 2018 <sup>A/ B/</sup>

MUNICIPIO	Barita	Caolín	Carbón		Celestita	Coque	Diatomita	Dolomita	Fierro	
			No Coquizable	Todo Uno					Mina <sup>2/</sup>	Pellets <sup>3/</sup>
<b>TOTAL</b>	<b>366,234</b>	<b>143,156</b>	<b>6,971,434</b>	<b>11,883,979</b>	<b>35,489</b>	<b>1,180,415</b>	<b>92,700</b>	<b>7,561,140</b>	<b>12,172,621</b>	<b>7,085,389</b>
<b>GUERRERO</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>140</b>	<b>0</b>
Atenango del Río	0	0	0	0	0	0	0	0	0	0
Petatlán	0	0	0	0	0	0	0	0	0	0
La Unión de Isidoro Montes de Oca	0	0	0	0	0	0	0	0	140	0
<b>HIDALGO</b>	<b>0</b>	<b>1,107</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Agua Blanca de Iturbide	0	1,107	0	0	0	0	0	0	0	0
Molango de Escamilla	0	0	0	0	0	0	0	0	0	0
Pacula	0	0	0	0	0	0	0	0	0	0
Xochicoatlán	0	0	0	0	0	0	0	0	0	0
<b>JALISCO</b>	<b>389</b>	<b>155</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>92,579</b>	<b>320</b>	<b>0</b>	<b>0</b>
Chiquilistlán	132	0	0	0	0	0	0	204	0	0
Etzatlán	0	155	0	0	0	0	0	0	0	0
Pihuamo	0	0	0	0	0	0	0	100	0	0
Tamazula de Gordiano	0	0	0	0	0	0	0	0	0	0
Tecolotlán	257	0	0	0	0	0	0	0	0	0
Tonaya	0	0	0	0	0	0	0	0	0	0
Tuxcacuesco	0	0	0	0	0	0	0	16	0	0
Villa Corona	0	0	0	0	0	0	60	0	0	0
Zacoalco de Torres	0	0	0	0	0	0	92,519	0	0	0
<b>QUERÉTARO</b>	<b>0</b>	<b>31,713</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Tequisquiapan	0	31,713	0	0	0	0	0	0	0	0
<b>MICHOCÁN DE OCAMPO</b>	<b>0</b>	<b>2,756</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>121</b>	<b>0</b>	<b>2,407,456</b>	<b>857,480</b>
Aquila	0	0	0	0	0	0	0	0	1,029,604	0
Chinicuila	0	0	0	0	0	0	0	0	0	0
Ecuandureo	0	0	0	0	0	0	66	0	0	0
Huetamo	0	0	0	0	0	0	0	0	8,426	0
Lázaro Cárdenas	0	0	0	0	0	0	0	0	1,369,426	857,480
Senguio	0	0	0	0	0	0	55	0	0	0
Zinapécuaro	0	2,756	0	0	0	0	0	0	0	0
<b>NAYARIT</b>	<b>0</b>	<b>301</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Santiago Ixcuintla	0	301	0	0	0	0	0	0	0	0
<b>MORELOS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Puente de Ixtla	0	0	0	0	0	0	0	0	0	0
<b>NUEVO LEÓN</b>	<b>349,196</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>434,230</b>	<b>0</b>	<b>0</b>
Aramberri	248,197	0	0	0	0	0	0	0	0	0
Galeana	100,999	0	0	0	0	0	0	0	0	0
García	0	0	0	0	0	0	0	434,230	0	0
Mina	0	0	0	0	0	0	0	0	0	0

Feldespató	Fluorita	Fosforita	Grafito	Manganeso	Molibdeno	Sal	Arena Sílica	Wollastonita	Yeso	Sulfato de Sodio	Sulfato de Magnesio
209,770	1,182,058	741,678	4,130	209,023	15,149	9,029,147	2,511,246	83,620	5,819,046	780,606	54,787
0	0	0	0	0	0	70,611	0	0	3,648	0	0
0	0	0	0	0	0	0	0	0	3,648	0	0
0	0	0	0	0	0	70,611	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	61,027	0	197,292	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	190,665	0	0	0	0	0	0	0
0	0	61,027	0	0	0	0	0	0	0	0	0
0	0	0	0	6,627	0	0	0	0	0	0	0
96	0	0	0	0	0	0	0	0	10,645	0	0
0	0	0	0	0	0	0	0	0	138	0	0
0	0	0	0	0	0	0	0	0	0	0	0
96	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	10,339	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	168	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	28,589	0	0
0	0	0	0	0	0	0	0	0	28,589	0	0
0	0	0	0	0	0	241,692	368,908	0	1,378,317	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	241,692	0	0	349,236	0	0
0	0	0	0	0	0	0	0	0	1,029,081	0	0

RESUMEN DE LA PRODUCCIÓN MINERA POR ENTIDAD Y MUNICIPIO EN 2018 <sup>A/ B/</sup>

MUNICIPIO	Barita	Caolín	Carbón		Celestita	Coque	Diatomita	Dolomita	Fierro	
			No Coquizable	Todo Uno					Mina <sup>2/</sup>	Pellets <sup>3/</sup>
<b>TOTAL</b>	<b>366,234</b>	<b>143,156</b>	<b>6,971,434</b>	<b>11,883,979</b>	<b>35,489</b>	<b>1,180,415</b>	<b>92,700</b>	<b>7,561,140</b>	<b>12,172,621</b>	<b>7,085,389</b>
<b>OAXACA</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Heroica Ciudad de Juchitán de Zaragoza	0	0	0	0	0	0	0	0	0	0
Salina Cruz	0	0	0	0	0	0	0	0	0	0
San Pedro Huamelula	0	0	0	0	0	0	0	0	0	0
Santiago Astata	0	0	0	0	0	0	0	0	0	0
Santo Domingo Tehuantepec	0	0	0	0	0	0	0	0	0	0
<b>PUEBLA</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>63,613</b>	<b>114,813</b>	<b>0</b>
Ahuazotepec	0	0	0	0	0	0	0	0	0	0
Jolalpan	0	0	0	0	0	0	0	0	114,813	0
Izúcar de Matamoros	0	0	0	0	0	0	0	63,613	0	0
<b>SAN LUIS POTOSÍ</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>235</b>	<b>0</b>	<b>0</b>
Guadalcázar	0	0	0	0	0	0	0	0	0	0
San Nicolás Tolentino	0	0	0	0	0	0	0	0	0	0
Santa María del Río	0	0	0	0	0	0	0	235	0	0
Villa Juárez	0	0	0	0	0	0	0	0	0	0
Zaragoza	0	0	0	0	0	0	0	0	0	0
<b>SONORA</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,251</b>	<b>1,734</b>	<b>0</b>
Alamos	0	0	0	0	0	0	0	0	0	0
Baviácora	0	0	0	0	0	0	0	1,679	0	0
Cananea	0	0	0	0	0	0	0	0	0	0
Carbó	0	0	0	0	0	0	0	156	0	0
La Colorada	0	0	0	0	0	0	0	132	0	0
Hermosillo	0	0	0	0	0	0	0	264	0	0
Huásabas	0	0	0	0	0	0	0	20	0	0
Huatabampo	0	0	0	0	0	0	0	0	0	0
Nacoziari de García	0	0	0	0	0	0	0	0	0	0
Rosario	0	0	0	0	0	0	0	0	1,734	0
Soyopa	0	0	0	0	0	0	0	0	0	0
San Ignacio Río Muerto	0	0	0	0	0	0	0	0	0	0
<b>VERACRUZ DE IGNACIO DE LA LLAVE</b>	<b>0</b>	<b>2,761</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Huayacocotla	0	2,761	0	0	0	0	0	0	0	0
Ixhuatlán del Sureste	0	0	0	0	0	0	0	0	0	0
Jáltipan	0	0	0	0	0	0	0	0	0	0
Pánuco	0	0	0	0	0	0	0	0	0	0
San Juan Evangelista	0	0	0	0	0	0	0	0	0	0
<b>YUCATÁN</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Río Lagartos	0	0	0	0	0	0	0	0	0	0
<b>NO DEFINIDO</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Notas: A/ En este cuadro no se muestra la producción de metales que se recuperan en los procesos de fundición y refinación del Plomo y Cobre; sin embargo su producción es la siguiente: en la Refinería de Plomo que se encuentra ubicada en Torreón, Coah., se obtienen: Bismuto, 513 tons.; Antimonio y Estaño producción nula. Por otra parte en la Fundición de Cobre en San Luis Potosí, se obtiene como subproducto el Arsénico el cual no registro producción este año.

B/ El Selenio se recupera a partir de 2010 con una producción de 112 toneladas.

C/ En el caso del Azufre, este se recupera en las Refinerías de Petróleo que se ubican en las siguientes entidades: Chiapas 216 101 tons., Guanajuato 18 773 tons., Hidalgo 18 514 tons., Nuevo León 51 388 tons., Oaxaca 8 685 tons., Tabasco 195 590 tons., Tamaulipas 14 587 tons., y Veracruz de Ignacio de la Llave 27 580 tons. El Total Nacional es de 551 218 tons.

1/ Se considera como origen el lugar donde se encuentran ubicadas las Plantas Coquizadoras, ya que el origen del mineral utilizado como materia prima se registra

2/ Contenido Metálico en Producción de Minera del Carbón.

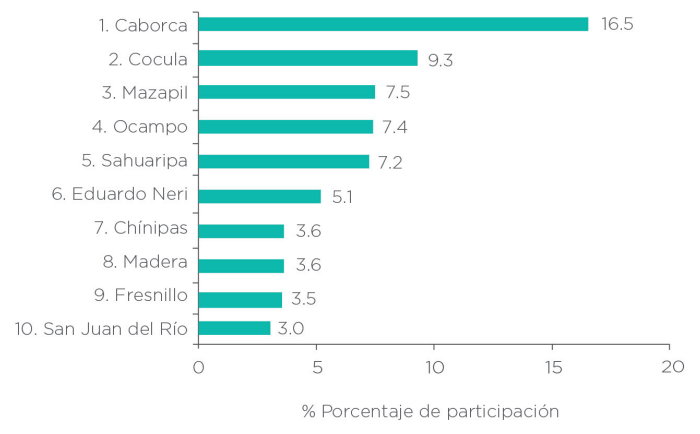
3/ Contenido Metálico en Producción de Pellets, considerando como origen el lugar donde se encuentran ubicadas las Plantas Pelletizadoras; ya que el origen del mineral utilizado se registra en la columna relativa a Producción de Mina

Fuente: INEGI



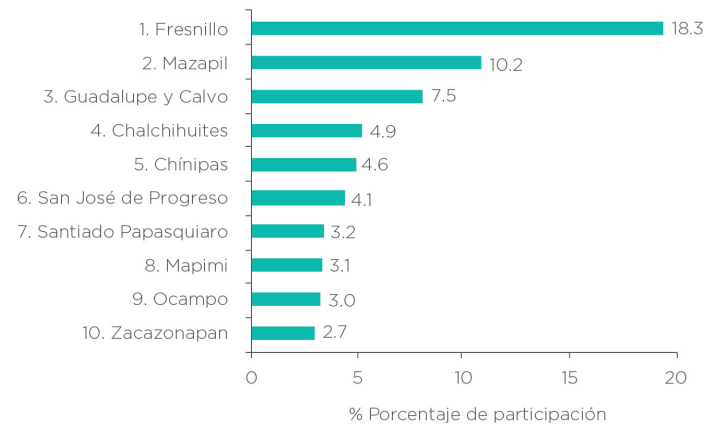
Feldespato	Fluorita	Fosforita	Grafito	Manganeso	Molibdeno	Sal	Arena Sílica	Wollastonita	Yeso	Sulfato de Sodio	Sulfato de Magnesio
209,770	1,182,058	741,678	4,130	209,023	15,149	9,029,147	2,511,246	83,620	5,819,046	780,606	54,787
0	0	0	0	0	0	4,704	0	0	0	0	0
0	0	0	0	0	0	758	0	0	0	0	0
0	0	0	0	0	0	3,025	0	0	0	0	0
0	0	0	0	0	0	237	0	0	0	0	0
0	0	0	0	0	0	333	0	0	0	0	0
0	0	0	0	0	0	351	0	0	0	0	0
209,674	0	0	0	0	0	0	0	0	25,003	0	0
209,674	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	25,003	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	1,132,961	0	0	0	0	0	0	0	515,525	0	0
0	0	0	0	0	0	0	0	0	17,336	0	0
0	0	0	0	0	0	0	0	0	124,537	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	373,652	0	0
0	1,132,961	0	0	0	0	0	0	0	0	0	0
0	0	0	4,130	0	15,149	256,023	4,149	83,620	155,401	0	0
0	0	0	0	0	0	0	0	0	155,352	0	0
0	0	0	0	0	0	8,612	0	0	0	0	0
0	0	0	0	0	4,918	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	4,130	0	0	0	0	0	0	0	0
0	0	0	0	0	0	36,351	0	83,620	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	8,742	0	0	0	0	0
0	0	0	0	0	10,231	0	4,149	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	49	0	0
0	0	0	0	0	0	202,318	0	0	0	0	0
0	0	0	0	11,731	0	1,169,460	1,178,437	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	843,846	0	0	0	0	0
0	0	0	0	0	0	325,614	988,325	0	0	0	0
0	0	0	0	11,731	0	0	0	0	0	0	0
0	0	0	0	0	0	0	190,112	0	0	0	0
0	0	0	0	0	0	27,660	0	0	0	0	0
0	0	0	0	0	0	27,660	0	0	0	0	0
0	0	0	0	0	0	81,840	0	0	0	0	0

**PRINCIPALES MUNICIPIOS PRODUCTORES DE ORO DURANTE 2018**



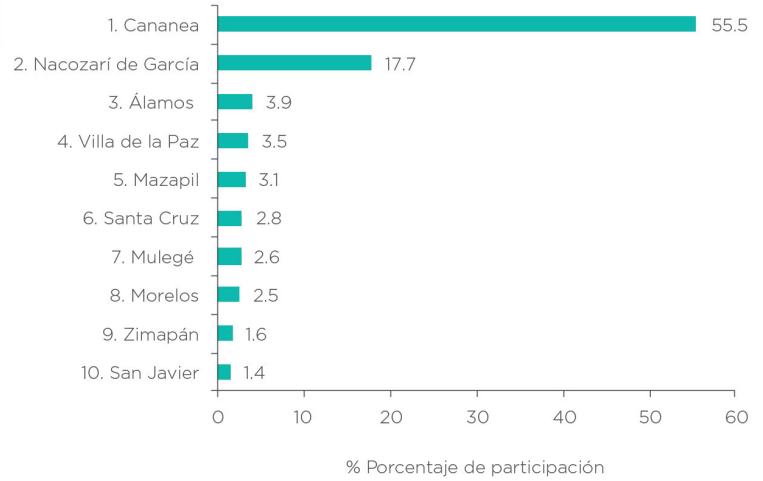
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**PRINCIPALES MUNICIPIOS PRODUCTORES DE PLATA DURANTE 2018**

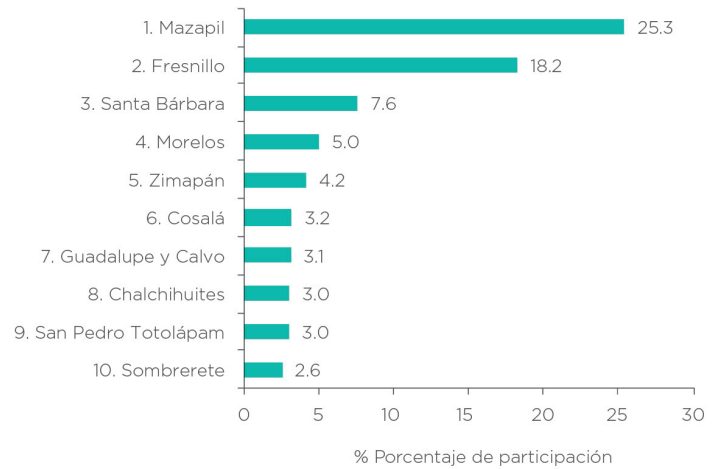


Fuente: INEGI

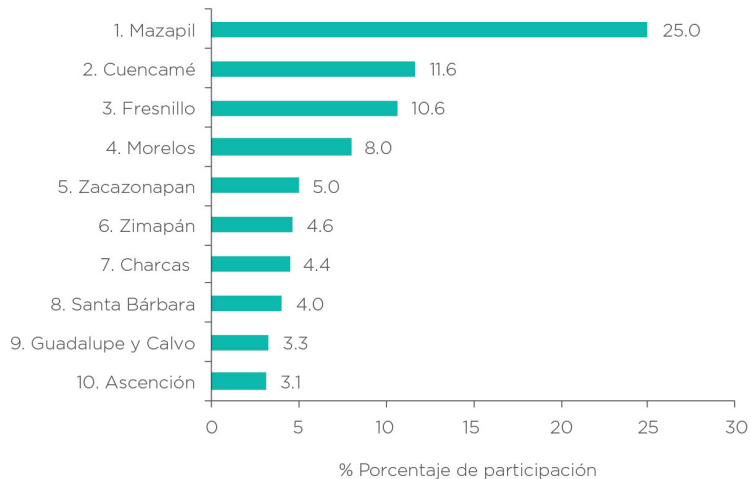
## PRINCIPALES MUNICIPIOS PRODUCTORES DE COBRE DURANTE 2018



## PRINCIPALES MUNICIPIOS PRODUCTORES DE PLOMO DURANTE 2018

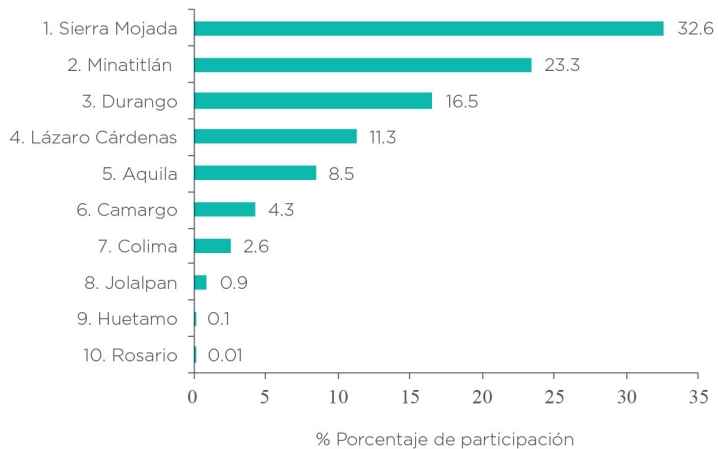


### PRINCIPALES MUNICIPIOS PRODUCTORES DE ZINC DURANTE 2018



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### PRINCIPALES MUNICIPIOS PRODUCTORES DE FIERRO DURANTE 2018



Fuente: INEGI

**EXPORTACIONES MINERO-METALÚRGICAS, 2012-2018**  
(Ordenado conforme al valor de 2018, valor en dólares)

PRODUCTO	2012	2013	2014	2015	2016	2017 <sup>1/</sup>	2018 <sup>2/</sup>
<b>I.- Minerales Metálicos</b>	<b>21,480,339,456</b>	<b>17,224,847,623</b>	<b>15,797,068,602</b>	<b>13,432,626,110</b>	<b>14,547,104,476</b>	<b>15,426,747,856</b>	<b>16,746,673,672</b>
A).- Metales Preciosos	12,760,493,701	9,375,324,231	7,522,366,997	6,791,489,261	7,409,244,629	7,096,888,872	6,829,383,347
Oro	7,990,457,237	5,820,440,777	4,694,650,699	4,321,352,119	4,888,529,589	4,442,267,239	4,316,479,671
Plata	4,479,262,939	3,352,423,705	2,687,416,781	2,361,901,215	2,407,434,356	2,529,681,477	2,330,801,011
Platino	290,538,328	201,541,243	139,561,975	107,455,792	112,724,677	124,144,774	178,680,168
Paladio	235,197	918,506	737,542	780,135	556,007	795,382	3,422,497
B).- Metales Industriales	8,719,845,755	7,849,523,392	8,274,701,605	6,641,136,849	7,137,859,847	8,329,858,984	9,917,290,325
Cobre	3,525,107,214	3,083,761,759	2,840,460,759	2,466,822,235	2,761,579,320	3,458,056,032	4,143,426,407
Aluminio	630,809,227	396,670,043	479,899,229	427,394,998	1,207,056,759	519,661,622	623,825,931
Plomo	1,776,220,247	1,357,382,489	1,643,510,142	1,600,565,784	1,196,043,781	1,513,116,590	1,247,414,019
Zinc	989,468,503	900,053,169	1,109,740,324	1,078,201,420	1,132,054,208	1,582,932,417	1,763,006,888
Fierro	1,288,045,960	1,543,628,866	1,329,457,352	626,036,503	532,945,272	823,603,663	1,507,709,787
Molibdeno	308,367,801	343,542,165	516,484,437	217,369,557	160,025,666	226,307,701	406,997,066
Magnesio	41,950,498	47,804,860	40,523,389	36,251,462	30,263,444	40,268,354	43,412,735
Manganeso	10,080,701	17,857,445	21,106,991	17,898,196	24,655,729	22,498,312	15,669,143
Níquel	16,276,166	18,033,307	17,759,416	14,657,444	16,530,610	22,619,071	30,696,981
Estaño	25,621,804	22,513,146	26,291,636	16,607,605	14,763,410	16,224,115	20,724,142
Otros	107,897,634	118,276,143	249,467,930	139,331,645	61,941,648	104,571,107	114,407,226
<b>II.- Minerales No Metálicos</b>	<b>1,239,571,371</b>	<b>1,255,826,987</b>	<b>1,255,983,114</b>	<b>1,146,721,300</b>	<b>1,133,565,805</b>	<b>1,131,251,034</b>	<b>1,276,747,562</b>
Abrasivos Naturales	119,556,777	128,381,145	151,302,571	162,974,320	172,949,887	168,413,778	180,794,459
Sal	144,536,003	154,151,855	166,126,328	156,596,184	146,796,705	117,409,303	119,936,949
Grafito	79,393,467	77,941,868	113,050,186	109,678,711	134,181,940	131,963,900	162,686,322
Fluorita	207,835,946	164,211,292	180,705,986	128,561,750	116,850,436	131,139,020	188,546,005
Rocas Dimensionables	102,535,814	132,643,558	110,974,506	106,644,911	103,571,947	31,350,759	24,394,073
Cemento	159,492,617	185,156,514	153,394,475	93,760,639	101,915,028	125,116,893	183,837,847
Agregados Pétreos, Arena y Grava	48,606,009	61,511,093	70,020,544	83,092,228	76,021,126	3,536,093	3,429,581
Piedras Preciosas	68,216,918	72,465,851	79,035,084	82,954,881	75,733,936	50,889,881	43,615,762
Carbón	78,359,063	49,145,190	43,996,086	46,620,080	44,805,360	70,494,339	52,058,412
Yeso	11,795,174	13,043,003	13,041,628	33,730,912	30,032,307	32,680,221	32,445,676
Otros	219,243,583	217,175,618	174,335,720	142,106,684	130,707,133	268,256,847	285,002,476
<b>TOTAL</b>	<b>22,719,910,827</b>	<b>18,480,674,610</b>	<b>17,053,051,716</b>	<b>14,579,347,410</b>	<b>15,680,670,281</b>	<b>16,557,998,890</b>	<b>18,023,421,234</b>

Notas:

1/ Cifras revisadas

2/ Cifras preliminares, sujetas a revisión

Fuente: Secretaría de Economía

**IMPORTACIONES MINERO-METALÚRGICAS, 2012-2018**  
(Ordenado conforme al valor de 2018, valor en dólares)

PRODUCTO	2012	2013	2014	2015	2016	2017 <sup>1/</sup>	2018 <sup>2/</sup>
<b>I.- Metales Metálicos</b>	<b>7,303,438,920</b>	<b>5,792,895,473</b>	<b>6,075,896,634</b>	<b>5,729,232,388</b>	<b>5,612,788,919</b>	<b>6,405,484,684</b>	<b>9,089,822,740</b>
<b>A).- Metales Preciosos</b>	<b>452,778,357</b>	<b>419,526,562</b>	<b>330,978,813</b>	<b>338,957,985</b>	<b>275,327,990</b>	<b>242,407,881</b>	<b>301,050,083</b>
Oro	171,954,105	142,440,983	103,989,217	197,621,101	159,706,914	113,957,327	147,535,309
Plata	172,443,725	172,610,492	145,150,203	85,257,393	73,645,801	82,175,336	97,072,773
Platino	105,943,092	100,030,683	77,159,913	51,899,643	39,158,908	43,062,397	52,640,891
Paladio	2,437,435	4,444,404	4,679,480	4,179,848	2,816,367	3,212,821	3,801,110
<b>B).- Metales Industriales</b>	<b>6,850,660,563</b>	<b>5,373,368,911</b>	<b>5,744,917,821</b>	<b>5,390,274,403</b>	<b>5,337,460,929</b>	<b>6,163,076,803</b>	<b>8,788,772,657</b>
Aluminio	3,011,249,397	2,239,633,633	2,417,118,566	2,582,820,064	2,315,796,670	2,598,891,703	3,233,403,659
Fierro	1,660,082,685	1,102,767,534	1,304,788,288	1,061,867,713	1,283,296,159	1,305,066,250	2,490,540,404
Cobre	1,087,162,048	949,572,599	854,814,382	841,115,654	843,632,950	1,097,944,143	1,665,720,835
Zinc	91,066,338	93,571,821	102,353,607	117,570,063	164,865,727	219,000,477	309,855,463
Niquel	164,497,147	154,944,896	185,313,345	159,287,242	158,967,283	184,434,466	225,380,894
Titanio	115,506,523	95,410,571	118,381,829	75,558,770	112,993,334	139,795,519	167,042,806
Estaño	119,958,022	130,503,200	142,812,768	107,120,866	112,447,917	135,013,400	140,296,129
Tantalo	136,728,711	145,228,743	153,848,301	116,350,470	93,319,646	96,113,494	101,715,930
Plomo	73,736,521	99,022,740	68,251,369	75,952,434	78,125,101	133,274,016	105,325,772
Magnesio	73,833,204	80,455,859	79,141,746	83,754,874	65,610,815	85,350,528	100,386,335
Otros	316,839,967	282,257,315	318,093,620	168,876,253	108,405,327	168,192,807	249,104,430
<b>II.- Metales No Metálicos</b>	<b>2,759,209,249</b>	<b>2,494,466,849</b>	<b>2,496,841,470</b>	<b>2,388,526,177</b>	<b>2,339,839,543</b>	<b>2,989,988,917</b>	<b>3,267,731,841</b>
Carbón	1,195,065,539	973,246,336	789,323,814	638,221,223	592,418,595	1,021,900,435	1,063,708,454
Sodio	266,500,353	269,094,344	277,638,797	283,578,494	304,876,805	310,729,263	347,956,712
Coque	173,622,266	140,649,869	148,607,312	159,157,828	234,192,470	379,500,624	454,864,043
Abrasivos Naturales	122,412,698	127,245,136	143,661,499	155,494,274	167,094,075	178,008,304	181,026,316
Rocas Dimensionables	111,538,912	122,855,216	140,194,863	162,103,201	159,858,793	4,313,082	5,809,865
Piedras Preciosas	204,694,611	180,095,961	168,639,840	166,415,323	154,229,574	136,076,720	131,731,657
Grafito	109,009,699	107,754,995	117,308,290	102,468,948	100,990,777	121,064,661	144,356,444
Caolín	71,811,639	79,531,636	79,997,399	75,770,308	80,518,890	81,652,716	88,502,421
Fosforita	143,973,816	127,299,010	98,219,710	114,403,780	77,995,515	120,493,138	143,102,118
Vermiculita	63,603,916	72,664,707	75,880,993	74,517,235	72,930,139	67,108,122	71,261,094
Otros	296,975,800	294,029,639	457,368,953	456,395,563	394,733,910	569,141,852	635,412,717
<b>TOTAL</b>	<b>10,062,648,169</b>	<b>8,287,362,322</b>	<b>8,572,738,104</b>	<b>8,117,758,565</b>	<b>7,952,628,462</b>	<b>9,395,473,601</b>	<b>12,357,554,581</b>

Notas:

1/ Cifras revisadas

2/ Cifras preliminares, sujetas a revisión

Fuente: Secretaría de Economía

**BALANZA COMERCIAL MINERO-METALÚRGICA, 2012-2018**  
(Valor en dólares)

	2012	2013	2014	2015	2016	2017 <sup>V</sup>	2018 <sup>2/</sup>
<b>EXPORTACIONES</b>							
I.- Minerales Metálicos	21,480,339,456	17,224,847,623	15,797,068,602	13,432,626,110	14,547,104,476	15,426,747,856	16,746,673,672
A).- Metales Preciosos	12,760,493,701	9,375,324,231	7,522,366,997	6,791,489,261	7,409,244,629	7,096,888,872	6,829,383,347
B).- Metales Industriales	8,719,845,755	7,849,523,392	8,274,701,605	6,641,136,849	7,137,859,847	8,329,858,984	9,917,290,325
II.- Minerales No Metálicos	1,239,571,371	1,255,826,987	1,255,983,114	1,146,721,300	1,133,565,805	1,131,251,034	1,276,747,562
<b>TOTAL</b>	<b>22,719,910,827</b>	<b>18,480,674,610</b>	<b>17,053,051,716</b>	<b>14,579,347,410</b>	<b>15,680,670,281</b>	<b>16,557,998,890</b>	<b>18,023,421,234</b>
<b>IMPORTACIONES</b>							
I.- Minerales Metálicos	7,303,438,920	5,792,895,473	6,075,896,634	5,729,232,388	5,612,788,919	6,405,484,684	9,089,822,740
A).- Metales Preciosos	452,778,357	419,526,562	330,978,813	338,957,985	275,327,990	242,407,881	301,050,083
B).- Metales Industriales	6,850,660,563	5,373,368,911	5,744,917,821	5,390,274,403	5,337,460,929	6,163,076,803	8,788,772,657
II.- Minerales No Metálicos	2,759,209,249	2,494,466,849	2,496,841,470	2,388,526,177	2,339,839,543	2,989,988,917	3,267,731,841
<b>TOTAL</b>	<b>10,062,648,169</b>	<b>8,287,362,322</b>	<b>8,572,738,104</b>	<b>8,117,758,565</b>	<b>7,952,628,462</b>	<b>9,395,473,601</b>	<b>12,357,554,581</b>
<b>SALDO</b>							
I.- Minerales Metálicos	14,176,900,536	11,431,952,150	9,721,171,968	7,703,393,722	8,934,315,557	9,021,263,172	7,656,850,932
A).- Metales Preciosos	12,307,715,344	8,955,797,669	7,191,388,184	6,452,531,276	7,133,916,639	6,854,480,991	6,528,333,264
B).- Metales Industriales	1,869,185,192	2,476,154,481	2,529,783,784	1,250,862,446	1,800,398,918	2,166,782,181	1,128,517,668
II.- Minerales No Metálicos	-1,519,637,878	-1,238,639,862	-1,240,858,356	-1,241,804,877	-1,206,273,738	-1,858,737,883	-1,990,984,279
<b>TOTAL</b>	<b>12,657,262,658</b>	<b>10,193,312,288</b>	<b>8,480,313,612</b>	<b>6,461,588,845</b>	<b>7,728,041,819</b>	<b>7,162,525,289</b>	<b>5,665,866,653</b>

Notas:

1/ Cifras revisadas

2/ Cifras preliminares, sujetas a revisión

Fuente: Secretaría de Economía

**EXPORTACIONES MINERO-METALÚRGICAS POR PAÍS 2012-2018**  
 (Ordenado conforme al valor de 2018, valor en dólares)

PAÍS	2012	2013	2014	2015	2016	2017 <sup>1/</sup>	2018 <sup>2/</sup>
ESTADOS UNIDOS	12,589,257,073	9,792,875,934	9,085,093,478	7,619,457,234	7,751,230,610	8,241,658,934	8,839,735,252
CHINA	2,484,560,587	2,416,923,307	1,918,925,832	1,527,307,720	1,894,235,092	2,588,494,260	3,133,630,538
COREA DEL SUR	1,230,827,879	963,706,064	1,137,139,773	1,027,502,588	818,707,209	1,052,898,762	1,150,690,390
REINO UNIDO	1,577,833,129	331,323,007	402,126,365	355,217,539	1,292,492,648	772,597,774	721,326,391
JAPÓN	465,314,922	327,717,147	306,819,133	306,502,074	396,468,956	512,710,326	542,976,831
SUIZA	545,308,047	825,432,253	869,517,845	992,543,740	370,178,251	423,221,657	518,729,171
BÉLGICA	317,112,670	297,381,700	520,104,869	455,486,333	318,041,745	457,921,849	510,271,913
CANADÁ	922,617,793	791,230,997	496,404,223	412,029,266	362,712,379	402,801,519	455,872,322
ALEMANIA	66,547,293	61,101,442	68,782,154	93,080,700	212,550,807	224,244,963	313,054,271
BRASIL	341,897,033	333,015,506	259,590,966	240,203,694	186,431,279	216,230,517	230,130,942
AUSTRALIA	251,248,800	30,399,040	99,885,025	170,328,617	153,411,581	298,405,332	204,102,269
ITALIA	227,697,060	204,372,240	235,939,669	188,026,927	226,333,813	173,316,871	146,833,924
ESPAÑA	104,266,023	84,619,969	108,626,459	123,230,248	143,004,961	138,605,906	141,110,237
TAIWÁN	127,156,156	123,255,501	136,818,840	109,606,287	58,822,438	62,461,767	98,207,756
PERÚ	171,151,849	298,852,841	147,743,034	171,093,099	36,645,705	66,016,209	83,787,322
<b>SUMA</b>	<b>21,422,796,314</b>	<b>16,882,206,948</b>	<b>15,793,517,665</b>	<b>13,791,616,066</b>	<b>14,221,267,474</b>	<b>15,631,586,646</b>	<b>17,090,459,529</b>
<b>OTROS</b>	<b>1,297,114,513</b>	<b>1,598,467,662</b>	<b>1,259,534,051</b>	<b>787,731,344</b>	<b>1,459,402,807</b>	<b>926,412,244</b>	<b>932,961,705</b>
<b>TOTAL</b>	<b>22,719,910,827</b>	<b>18,480,674,610</b>	<b>17,053,051,716</b>	<b>14,579,347,410</b>	<b>15,680,670,281</b>	<b>16,557,998,890</b>	<b>18,023,421,234</b>

Notas:  
 1/ Cifras revisadas  
 2/ Cifras preliminares, sujetas a revisión  
 Fuente: Secretaría de Economía



**IMPORTACIONES MINERO-METALÚRGICAS POR PAÍS 2012-2018**  
(Ordenado conforme al valor de 2018, valor en dólares)

PAÍS	2012	2013	2014	2015	2016	2017 <sup>1/</sup>	2018 <sup>2/</sup>
ESTADOS UNIDOS	4,706,896,217	4,755,115,398	4,600,146,013	4,113,269,293	3,883,474,509	4,215,982,789	5,465,994,356
BRASIL	500,905,844	280,713,233	194,195,611	212,220,178	453,184,418	346,226,827	929,050,371
COLOMBIA	72,514,585	118,475,146	94,654,159	105,703,320	205,265,326	729,200,888	848,872,988
CANADÁ	562,697,051	529,188,881	705,508,070	694,861,533	567,079,815	693,314,985	675,799,767
RUSIA	395,442,463	229,246,116	259,881,642	375,648,166	245,400,806	306,360,247	611,263,309
CHILE	199,593,764	138,870,740	137,893,349	186,016,313	145,275,947	381,421,832	479,667,436
CHINA	1,096,543,847	418,511,635	342,120,519	370,180,616	365,803,415	505,873,165	479,291,839
INDIA	184,177,782	249,276,639	508,553,548	489,777,316	323,471,038	338,579,266	442,795,387
EMIRATOS ÁRABES UNIDOS	139,867,022	94,902,987	96,745,465	78,002,956	132,054,903	224,912,795	363,779,597
SUDÁFRICA	142,916,936	125,358,147	129,262,491	54,503,816	68,046,970	163,797,067	163,797,067
MARRUECOS	105,527,856	95,345,249	94,494,276	95,210,463	63,243,027	123,871,472	143,071,773
ESPAÑA	130,348,843	69,883,692	64,889,239	57,452,601	66,586,325	64,381,787	127,904,330
ALEMANIA	111,106,621	107,421,322	108,257,470	94,503,248	100,275,023	144,565,032	121,912,249
AUSTRALIA	633,082,023	199,090,073	280,759,336	342,433,327	254,863,406	101,589,948	119,736,866
COREA DEL SUR	56,795,651	75,817,302	82,051,639	62,739,558	65,861,513	51,087,920	95,470,178
<b>SUMA</b>	<b>9,038,416,505</b>	<b>7,487,216,560</b>	<b>7,699,412,827</b>	<b>7,332,522,704</b>	<b>6,939,886,441</b>	<b>8,391,166,020</b>	<b>11,068,407,513</b>
<b>OTROS</b>	<b>1,024,231,664</b>	<b>800,145,762</b>	<b>873,325,277</b>	<b>785,235,861</b>	<b>1,012,742,021</b>	<b>1,004,307,581</b>	<b>1,289,147,068</b>
<b>TOTAL</b>	<b>10,062,648,169</b>	<b>8,287,362,322</b>	<b>8,572,738,104</b>	<b>8,117,758,565</b>	<b>7,952,628,462</b>	<b>9,395,473,601</b>	<b>12,357,554,581</b>

Notas:

1/ Cifras revisadas

2/ Cifras preliminares, sujetas a revisión

Fuente: Secretaría de Economía

## EMPLEO EN LA INDUSTRIA MINERO-METALÚRGICA POR RAMA DE ACTIVIDAD 2011-2018 (PERSONAS) A/

Grupo	2011	%	2012	%	2013	%	2014	%	2015	%	2016	%	2017	%/B	2018	%/B
11	39,746	4.5	41,400	4.2	41,352	-0.1	40,436	-2.2	39,245	-2.9	37,731	-3.9	38,564	2.2	37,882	-1.8%
13	57,897	23.2	65,545	13.2	68,575	4.6	68,377	-0.3	67,896	-0.7	70,601	3.3	75,379	6.8	75,546	0.2%
14	2,162	3.1	2,244	3.8	2,263	0.8	2,225	-1.7	2,242	0.8	2,167	-3.3	2,152	-0.7	2,097	-2.6%
33	127,425	3.4	130,099	2.1	127,352	-2.1	131,494	3.3	134,334	2.2	139,485	3.4	142,710	2.3	143,655	0.7%
34	82,492	12.4	89,267	8.2	92,959	4.1	98,285	5.7	101,195	3.0	104,718	3.5	112,751	7.7	119,840	6.3%
Sector Minero	309,722	9.1	328,555	6.1	332,501	1.2	340,817	2.5	344,912	1.1	354,702	2.8	371,556	4.8	379,020	2.0%
Total Nacional	15,202,426	4	15,901,832	4.6	16,355,551	2.9	17,052,027	4.3	17,685,387	3.7	18,616,624	5.3	19,418,455	4.3	20,079,365	3.4%

Notas: Excluye rama 12 correspondiente a extracción de petróleo crudo y gas natural.

Grupos: 11 Extracción y beneficio de carbón mineral, grafito y minerales no metálicos; 13 Extracción y beneficio de minerales metálicos; 14 Explotación de sal; 33 Fabricación de Productos de minerales no metálicos; 34 Industrias metálicas básicas. A/ Asegurados por división y grupo de actividad económica registrados en el Instituto Mexicano del Seguro Social.

B/ Variación con respecto al mismo mes del año anterior.

Fuente: Coordinación de Afiliación y Vigencia, IMSS

## EMPLEO EN LA INDUSTRIA MINERO-METALÚRGICA POR ESTADO A DICIEMBRE DE 2018

1	Gpo. Industrial	Aguascalientes	Baja California	BCS	Campeche	Chiapas	Chihuahua	Coahuila	Colima
		11	325	400	2,671	184	131	585	9,316
13	962	466	181	N.D.	N.D.	10,999	5,562	1,578	
14	N.D.	7	1,021	N.D.	N.D.	N.D.	27	146	
33	3,162	7,977	436	164	539	4,314	6,279	501	
34	1,799	2,653	23	17	4	4,537	18,266	113	
	<b>TOTAL</b>	<b>6,248</b>	<b>11,503</b>	<b>4,332</b>	<b>365</b>	<b>674</b>	<b>20,435</b>	<b>39,450</b>	<b>2,432</b>

2	Gpo. Industrial	CDMX	Durango	Hidalgo	México	Guanajuato	Guerrero	Jalisco	Michoacán	Morelos
		11	558	2,670	1,763	1,519	1,122	225	1,388	414
13	739	8,926	2,277	1,330	3,446	2,501	1,296	1,157	N.D.	
14	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	
33	5,815	1,478	4,702	17,934	8,103	399	7,839	972	4,652	
34	4,574	1,681	1,524	10,481	12,896	24	4,510	4,197	59	
	<b>TOTAL</b>	<b>11,686</b>	<b>14,755</b>	<b>10,266</b>	<b>31,264</b>	<b>25,567</b>	<b>3,149</b>	<b>15,033</b>	<b>6,740</b>	<b>4,918</b>

3	Gpo. Industrial	Nayarit	Nuevo León	Oaxaca	Puebla	Querétaro	Quintana Roo	San Luis Potosí	Sinaloa	Sonora
		11	353	2,887	294	1,275	886	595	2,089	640
13	165	544	1,238	235	1,013	N.D.	2,458	1,188	12,522	
14	N.D.	N.D.	5	3	N.D.	N.D.	1	24	312	
33	476	28,261	848	3,746	4,792	1,520	5,071	1,582	2,243	
34	46	24,073	58	1,993	3,986	7	4,311	86	3,176	
	<b>TOTAL</b>	<b>1,040</b>	<b>55,765</b>	<b>2,443</b>	<b>7,252</b>	<b>10,677</b>	<b>2,122</b>	<b>13,930</b>	<b>3,520</b>	<b>20,175</b>

4	Gpo. Industrial	Tabasco	Tamaulipas	Tlaxcala	Veracruz	Yucatán	Zacatecas	Total
		11	256	418	59	1,657	804	175
13	194	25	60	149	29	14,306	75,546	
14	N.D.	50	N.D.	N.D.	501	N.D.	2,097	
33	569	5,271	6,126	3,638	3,194	1,052	143,655	
34	11	3,065	1,412	9,650	265	343	119,840	
	<b>TOTAL</b>	<b>1,030</b>	<b>8,829</b>	<b>7,657</b>	<b>15,094</b>	<b>4,793</b>	<b>15,876</b>	<b>379,020</b>

Nota: N.D. = No Disponible

Fuente: DGDM con cifras del IMSS