

Mineral Industry Surveys

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SULFUR IN OCTOBER 2025

During October 2025 production of recovered elemental sulfur was 543,000 metric tons (t), which was 17% less than the amount in September 2025 and 16% less than the amount in October 2024. Total production for January through October was 6.23 million metric tons (Mt), which was 3% less than the amount in the same period of 2024. Shipments in October 2025 were 542,000 t, which were 17% less than the amount in September 2025 and 16% less than the amount in October 2024. Total shipments for January through October were 6.23 Mt, which were 4% less than the amount in the same period of 2024. Stocks at the end of October 2025 were 115,000 t (table 1).

Imports of recovered sulfur for October 2025 were estimated to be 135,000 t; exports were 110,000 t. Total imports of recovered sulfur for January through October were estimated to be 1.61 Mt, 14% less than the amount in the same period of 2024. Total exports of recovered sulfur for January through October were 1.47 Mt, 7% less than the amount in the same period of 2024 (tables 2, 4).

Imports of sulfuric acid in October 2025 were 258,000 t; exports were 14,000 t. Total imports in January through October were 2.90 Mt, compared with 2.93 Mt in the same period of 2024. Total exports of sulfuric acid in January through October were 157,000 t, 11% more than the amount in the same period of 2024 (tables 3, 4).

U.S. sulfur consumption, calculated as shipments minus exports plus imports, was estimated to be 568,000 t in October 2025. This was 7% less than the amount in September 2025, and 12% less than that in October 2024. Total consumption for January through October was estimated to be 6.37 Mt, which was 6% less than the amount in the same period of 2024 (table 5).

A worksheet has been added to the Excel table files that includes a macro to remove text from data cells. This will allow users to only have numbers in data cells. Please see the worksheet titled `RemoveTextButton` for instructions in how to use the tool. Note: you must download the Excel file in order to use the tool.

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Table 1. Salient sulfur statistics.

[Data are rounded to no more than three significant digits; may not add to totals shown. Data are in thousand metric tons. Revised data are marked with a superscript "r".]

Period	Production			Shipments, all sources	Stocks, end of period ¹
	Petroleum ²	Natural gas	Total		
2024					
January–December	7,370	421	7,790	7,800	114
January–October	6,110 ^r	346	6,450 ^r	6,470 ^r	109 ^r
October	607	39	646	646	109
November	607	37	644	642	111
December	657	38	695	692	114
2025					
January	613	35	648	652	109
February	542	33	574	573	110
March	601	35	636	623	124
April	570	34	604	628	100
May	632	35	667	650	118
June	580	34	614	621	111
July	619 ^r	28	647 ^r	645 ^r	113
August	624	20 ^r	645 ^r	642 ^r	116
September	643	9 ^r	653	651 ^r	118
October	534	10	543	542	115
January–October	5,960	273	6,230	6,230	115

¹Subject to inventory adjustments.

²Includes a small quantity from coking operations.

Table 2. U.S. imports of sulfur.

[Data are rounded to no more than three significant digits; may not add to totals shown. Data are in thousand metric tons and thousand dollars. Revised data are marked with a superscript "r". Source: U.S. Census Bureau as adjusted by U.S. Geological Survey and Acuity Commodities (<https://usatrade.census.gov/>).]

Period	Canada		Total, all countries ¹	
	Quantity	Value ²	Quantity	Value ²
2024				
January–December	1,290	192,000	2,260	711,000
January–October	1,050 ^r	160,000 ^r	1,860 ^r	596,000 ^r
October	117	14,500	183	51,600
November	117	13,800	195	55,500
December	124	18,100	201	59,400
2025				
January	122	17,800	274	77,600
February	98	23,400	225	71,000
March	108	10,400	198	58,300
April	88	15,100	180	44,100
May	71	10,800	129	27,100
June	98	11,400	99	12,200
July	113	19,800	113	20,500
August	120	18,200	121	19,000
September	133	35,100	135	36,600
October	134	35,300	135	35,800
January–October	1,080	197,000	1,610	402,000

¹May include other countries not listed.

²Declared customs valuation.

Table 3. U.S. imports of sulfuric acid.

[Data are rounded to no more than three significant digits; may not add to totals shown. Data are in thousand metric tons and thousand dollars. Source: U.S. Census Bureau (<https://usatrade.census.gov/>).

Period	Canada			Mexico			Total, all countries ¹		
	Quantity	Sulfur content	Value ²	Quantity	Sulfur content	Value ²	Quantity	Sulfur content	Value ²
2024									
January–December	1,750	572	189,000	807	264	96,100	3,510	1,150	384,000
January–October	1,470	480	158,000	670	219	79,300	2,930	957	314,000
October	105	34	10,800	42	14	4,410	224	73	24,200
November	147	48	15,800	54	18	6,140	311	102	36,900
December	136	45	15,100	83	27	10,700	278	91	33,200
2025									
January	139	46	14,800	66	22	8,880	259	85	31,200
February	135	44	13,200	79	26	9,010	256	84	28,800
March	170	56	16,900	63	20	7,460	268	88	30,200
April	143	47	14,700	49	16	5,610	291	95	30,700
May	159	52	17,300	68	22	7,860	305	100	33,200
June	140	46	15,400	61	20	5,600	286	94	29,200
July	143	47	15,500	60	19	5,480	275	90	28,700
August	142	47	15,300	56	18	5,200	303	99	31,200
September	164	54	17,300	71	23	6,530	397	130	40,200
October	149	49	15,700	54	18	4,950	258	84	25,400
January–October	1,480	485	156,000	625	204	66,600	2,900	947	309,000

¹May include other countries not listed.

²Declared customs valuation.

Table 4. U.S. exports of sulfur and sulfuric acid.

[Data are rounded to no more than three significant digits; may not add to totals shown. Data are in thousand metric tons and thousand dollars. Revised data are marked with a superscript "r". Source: U.S. Census Bureau (<https://usatrade.census.gov/>).]

Period	Sulfur		Sulfuric acid		
	Quantity	Value ¹	Quantity	Sulfur content	Value ¹
2024					
January–December	2,080	191,000	168	55	34,700
January–October	1,580 ^r	139,000 ^r	142 ^r	47 ^r	28,600 ^r
October	184	18,700	14	5	4,260
November	294	28,500	13	4	2,720
December	206	23,400	13	4	3,350
2025					
January	77	13,200	12	4	2,290
February	198	28,500	22	7	3,430
March	113	15,900	11	4	2,460
April	222	49,500	11	4	2,520
May	83	23,400	30	10	4,610
June	168	47,000	14	5	4,140
July	195	44,300	14	5	3,390
August	121	31,100	14	4	2,580
September	178	47,100	13	4	2,760
October	110	28,800	14	5	2,780
January–October	1,470	329,000	157	51	31,000

¹Declared f.a.s. (free alongside ship) valuation.

Table 5. U.S. consumption of sulfur.

[Data are rounded to no more than three significant digits; may not add to totals shown.

Data are in thousand metric tons. Revised data are marked with a superscript "r".]

Period	Domestic sources¹	Imports	Consumption
2024			
January–December	5,720	2,260	7,980
January–October	4,880 ^r	1,860 ^r	6,750 ^r
October	462	183	645
November	348	195	544
December	486	201	687
2025			
January	575	274	849
February	375	225	600
March	509	198	707
April	406	180	586
May	567	129	696
June	454	99	553
July	450 ^r	113	563 ^r
August	521	121	641
September	473	135	608
October	433	135	568
January–October	4,760	1,610	6,370

¹Calculated as shipments minus exports.

Table 6. Recovered sulfur produced and shipped in the United States, by PAD (Petroleum Administration for Defense) district.

[Data are rounded to no more than three significant digits; may not add to totals shown. Data are in thousand metric tons. Revised data are marked with a superscript “r”.]

District and source	January-October 2024 ¹		September 2025		October 2025		January–October 2025 ¹	
	Production	Shipments	Production	Shipments	Production	Shipments	Production	Shipments
PAD 1								
Petroleum and coke	133 ^r	134 ^r	12	13	12	12	130	131
Natural gas	6	6	(²)	(²)	1	1	5	5
Total	139 ^r	140 ^r	12	13	13	13	134	136
PAD 2								
Petroleum and coke	1,050 ^r	1,060 ^r	165	165	84	85	1,180	1,180
Natural gas	0	0	0	0	0	0	0	0
Total	1,050 ^r	1,060 ^r	165	165	84	85	1,180	1,180
PAD 3								
Petroleum and coke	3,900 ^r	3,900 ^r	371	368	353	350	3,620	3,620
Natural gas	48	48	3	3	3	3	26	27
Total	3,950 ^r	3,950 ^r	373	370 ^r	356	353	3,650	3,640
PAD 4 and 5								
Petroleum and coke	1,020 ^r	1,030 ^r	96	97	85	85	1,030	1,030
Natural gas	292	291	6	5 ^r	6	6	242	245
Total	1,310 ^r	1,320 ^r	102	103	91	91	1,270	1,270
Grand total	6,450 ^r	6,470 ^r	653	651 ^r	543	542	6,230	6,230

¹May include revisions to previously published data.

Table 7. Comparative sulfur and sulfuric acid statistics.

[Data are rounded to no more than three significant digits; may not add to totals shown. Data are in million metric tons per year (annualized basis) and dollars per metric ton for period shown. Revised data are marked with a superscript "r".]

Category	2024	2025		
		September	October	January–October
Production	7.79	7.94	6.40	7.48
Shipments	7.80	7.92 ^r	6.39	7.48
Exports of sulfur	2.08	2.17	1.29	1.76
Imports of sulfur				
Canada	1.29	1.62	1.58	1.30
Total ¹	2.26	1.64	1.59	1.93
Exports of H ₂ SO ₄	0.17	0.16	0.16	0.19
Imports of H₂SO₄				
Canada	1.75	1.99	1.75	1.78
Mexico	0.81	0.86	0.64	0.75
Total ¹	3.51	4.83	3.03	3.48
Consumption				
Domestic sources	5.72	5.75 ^r	5.09	5.72
Imports	2.26	1.64	1.59	1.93
Total	7.98	7.39 ^r	6.69	7.65
Sulfur export values ²	92	264	263	224
Sulfur import values ¹				
Canada	149	264	263	182
Average ¹	314	271	265	250
H ₂ SO ₄ export values	206	206	201	198
H₂SO₄ import values ¹				
Canada	108	106	105	105
Mexico	119	92	91	106
Average ¹	109	101	98	107

¹Includes other countries not listed.

²Average value per ton.