

Mineral Industry Surveys

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SULFUR IN MARCH 2025

During March 2025, production of recovered elemental sulfur was 636,000 metric tons (t), which was 11% more than the revised amount in February 2025 and 3% less than that in March 2024. Total production for January through March was 1.86 million metric tons (Mt), which was 4% more than that in the same period of 2024. Shipments in March 2025 were 623,000 t, which was 9% more than the amount in February 2025 and 4% less than that in March 2024. Total shipments for January through March were 1.85 Mt, which were 3% more than those in the same period of 2024. Producers' ending stocks for March 2025 were 123,000 t (table 1).

Imports of recovered sulfur for March 2025 were estimated to be 79,000 t; exports were 113,000 t. Total imports of recovered sulfur for January through March were estimated to be 391,000 t, which were 16% more than those in the same period of 2024. Total exports of recovered sulfur for January through March were 389,000 t, which were 20% less than those in the same period of 2024 (tables 2, 4).

Imports of sulfuric acid in March 2025 were 268,000 t; exports were 11,000 t. Total imports in January through March

were 783,000 t, which were 10% less than those in the same period of 2024. Total exports of sulfuric acid in January through March were 46,000 t, which were 23% 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 589,000 t in March 2025. This was 9% more than the amount in February 2025 and 11% less than that in March 2024. Total consumption for January through March was estimated to be 1.85 Mt, which was 12% more than the revised amount in the same period of 2024 (table 5).

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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–April	2,290 ^r	142 ^r	2,430 ^r	2,450 ^r	110
April	617	27	644	651	110
May	652	29	680	684	106
June	636	38	674	658	121
July	643	35	678	687	111
August	650	28	678	678	110
September	630	36	666	667	109
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	123
April	561	34	595	618	101
January–April	2,320	136	2,450	2,470	101

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	1,280	95,500	1,340	113,000
January–April	443 ^r	29,900	447 ^r	34,700
April	108	6,150	109	7,110
May	99	6,470	99	7,340
June	88	6,230	142	11,800
July	95	6,140	96	7,470
August	104	6,890	105	7,850
September	90	12,400	91	13,700
October	117	7,830	118	9,030
November	117	9,590	118	10,200
December	124	10,100	125	10,900
2025				
January	90	9,700	144	18,800
February	113	17,100	168	27,400
March	76	8,490	79	10,600
April	68	10,100	123	20,800
January–April	347	45,400	515	77,600

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. Revised data are marked with a superscript "r". 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–April	654	214	78,700	240	78	28,900	1,180	386	133,000
April	153	50	14,300	59	19	7,200	315	103	30,700
May	141	46	13,500	68	22	9,000	339	111	31,000
June	136	44	13,200	62	20	8,000	263	86	29,600
July	152	50	14,300	81	26	8,930	336	110	32,900
August	138	45	13,400	94	31	11,200	294	96	31,800
September	141	46	14,200 ^r	82	27	8,790	287	94	30,900
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
January–April	588	192	59,600	256	84	31,000	1,070	351	121,000

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 ^r	191,000 ^r	168 ^r	55 ^r	34,700 ^r
January–April	631 ^r	53,400 ^r	49	16	9,330 ^r
April	131	11,200	12	4	2,300
May	88 ^r	8,760	15	5	3,310
June	109	8,500	25 ^r	8 ^r	4,570 ^r
July	246	20,100	12	4	2,380 ^r
August	129	13,200	15	5	2,440
September	193	16,600	12	4	2,290 ^r
October	184 ^r	18,700	14 ^r	5 ^r	4,260 ^r
November	294 ^r	28,500	13	4	2,720 ^r
December	206	23,400	13	4	3,350 ^r
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
January–April	611	107,000	57	19	10,700

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 sources ¹	Imports	Consumption
2024			
January–December	5,720 ^r	1,340	7,060 ^r
January–April	1,820 ^r	447 ^r	2,260 ^r
April	520	109	629
May	595 ^r	99	695 ^r
June	549	142	691
July	441	96	537
August	549	105	655
September	474	91	565
October	462 ^r	118	580 ^r
November	348 ^r	118	466 ^r
December	486	125	611
2025			
January	575	144	720
February	375	168	543
March	510	79	589
April	396	123	519
January–April	1,860	515	2,370

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-April 2024 ¹		March 2025		April 2025		January-April 2025 ¹	
	Production	Shipments	Production	Shipments	Production	Shipments	Production	Shipments
PAD 1								
Petroleum and coke	47	49	12	12	13	13	55	56
Natural gas	2 ^r	2 ^r	(²)	(²)	1	1	2	2
Total	49 ^r	51 ^r	13	12	13	13	56	57
PAD 2								
Petroleum and coke	422 ^r	425 ^r	111	105	98	97	439	430
Natural gas	0	0	0	0	0	0	0	0
Total	422 ^r	425 ^r	111	105	98	97	439	430
PAD 3								
Petroleum and coke	1,410	1,410	367	363 ^r	348	371	1,410	1,430
Natural gas	21 ^r	21	3	3	3	3	11	11
Total	1,430	1,430	370	366	351	374	1,420	1,440
PAD 4 and 5								
Petroleum and coke	414	415	111	108	103	104	415	415
Natural gas	119	121	31	32	31	30	124	125
Total	533	535 ^r	142	140	133	134	539	541
Grand total	2,430 ^r	2,450 ^r	636	623	595	618	2,450	2,470

¹May include revisions to previously published data.

²Less than ½ unit.

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		
		March	April	January–April
Production	7.79	7.49	7.24	7.46
Shipments	7.80	7.34	7.52	7.50
Exports of sulfur	2.08 ^r	1.34	2.70	1.86
Imports of sulfur				
Canada	1.28	0.90	0.83	1.06
Total¹	1.34	0.93	1.50	1.56
Exports of H ₂ SO ₄	0.17 ^r	0.13	0.14	0.17
Imports of H₂SO₄				
Canada	1.75	2.01	1.74	1.79
Mexico	0.81	0.74	0.59	0.78
Total¹	3.51	3.15	3.54	3.27
Consumption				
Domestic sources	5.72 ^r	6.00	4.82	4.44
Imports	1.34	0.93	1.50	1.19
Total	7.06 ^r	6.94	6.32	5.63
Sulfur export values ²	92 ^r	140	223	175
Sulfur import values²				
Canada	75	112	149	131
Average ²	84	134	169	151
H ₂ SO ₄ export values ²	206 ^r	216	225	187
H₂SO₄ import values²				
Canada	108	99	103	101
Mexico	119	119	115	121
Average ¹	109	113	106	113

¹Includes other countries not listed.

²Average value per ton.