

# Mineral Industry Surveys

**For information, contact:**

Souleymane Hamza Saloum, Sulfur Commodity Specialist  
National Minerals Information Center  
Telephone: (703) 648-7790  
Email: ssaloum@usgs.gov

Mana Saedi (Data)  
Telephone: (703) 648-7971  
Email: msaedi@usgs.gov

**Internet:** <https://www.usgs.gov/centers/national-minerals-information-center/mineral-industry-surveys>

## SULFUR IN MAY 2025

During May 2025, production of recovered elemental sulfur was 664,000 metric tons (t), which was 12% more than the amount in April 2025 but slightly less than that in May 2024. Total production for January through May was 3.12 million metric tons (Mt), compared with 3.11 Mt in the same period of 2024. Shipments in May 2025 were 645,000 t, which were 4% more than in April 2025 but 6% less than that in May 2024. Total shipments for January through May were 3.11 Mt, slightly less than the 3.13 Mt in the same period of 2024. Stocks at the end of May 2025 were 119,000 t (table 1).

Imports of recovered sulfur for May 2025 were estimated to be 103,000 t; exports were 83,000 t. Total imports of recovered sulfur for January through May were estimated to be 618,000 t, which were 13% more than those in the same period of 2024. Total exports of recovered sulfur for January through May were 693,000 t, which were 4% less than those in the same period of 2024 (tables 2, 4).

Imports of sulfuric acid in May 2025 were 305,000 t; exports were 30,000 t. Total imports in January through May were 1.38 Mt, which were 9% less than those in the same period of 2024.

Total exports of sulfuric acid in January through May were 87,000 t, which were 34% 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 665,000 t in May 2025. This was 28% more than the amount in April 2025 and 4% less than that in May 2024. Total consumption for January through May was estimated to be 3.04 Mt, which was 3% more than the revised 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" within the December 2024 Mineral Industry Survey for instructions on how to use the tool. Note: you must download the excel file 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 <sup>1</sup>
	Petroleum <sup>2</sup>	Natural gas	Total		
2024					
January–December	7,370	421	7,790	7,800	114
January–May	2,940 <sup>r</sup>	171 <sup>r</sup>	3,110 <sup>r</sup>	3,130 <sup>r</sup>	106 <sup>r</sup>
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	124 <sup>r</sup>
April	561	34	595	618	101
May	628	35	664	645	119
January–May	2,950	172	3,120	3,110	119

<sup>1</sup>Subject to inventory adjustments.

<sup>2</sup>Includes 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 <sup>1</sup>	
	Quantity	Value <sup>2</sup>	Quantity	Value <sup>2</sup>
<b>2024</b>				
January–December	1,280	95,500	1,340	113,000
January–May	542 <sup>r</sup>	36,400	547 <sup>r</sup>	42,000
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
<b>2025</b>				
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
May	47	9,220	103	24,300
<b>January–May</b>	<b>394</b>	<b>54,600</b>	<b>618</b>	<b>102,000</b>

<sup>1</sup>May include other countries not listed.

<sup>2</sup>Declared 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 <sup>1</sup>		
	Quantity	Sulfur content	Value <sup>2</sup>	Quantity	Sulfur content	Value <sup>2</sup>	Quantity	Sulfur content	Value <sup>2</sup>
<b>2024</b>									
January–December	1,750	572	189,000	807	264	96,100	3,510	1,150	384,000
January–May	795	260	92,200	308	101	37,900	1,520	497	164,000
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	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
<b>2025</b>									
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
<b>January–May</b>	<b>746</b>	<b>244</b>	<b>76,900</b>	<b>324</b>	<b>106</b>	<b>38,800</b>	<b>1,380</b>	<b>451</b>	<b>154,000</b>

<sup>1</sup>May include other countries not listed.

<sup>2</sup>Declared 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 <sup>1</sup>	Quantity	Sulfur content	Value <sup>1</sup>
<b>2024</b>					
January–December	2,080	191,000	168	55	34,700
January–May	720 <sup>r</sup>	62,100 <sup>r</sup>	65 <sup>r</sup>	21	12,600
May	88	8,760	15	5	3,310
June	109	8,500	25	8	4,570
July	246	20,100	12	4	2,380
August	129	13,200	15	5	2,440
September	193	16,600	12	4	2,290
October	184	18,700	14	5	4,260
November	294	28,500	13	4	2,720
December	206	23,400	13	4	3,350
<b>2025</b>					
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
<b>January–May</b>	<b>693</b>	<b>131,000</b>	<b>87</b>	<b>28</b>	<b>15,300</b>

<sup>1</sup>Declared 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".]

<b>Period</b>	<b>Domestic sources<sup>1</sup></b>	<b>Imports</b>	<b>Consumption</b>
<b>2024</b>			
January–December	5,720	1,340	7,060
January–May	2,410 <sup>r</sup>	547 <sup>r</sup>	2,960 <sup>r</sup>
May	595	99	695
June	549	142	691
July	441	96	537
August	549	105	655
September	474	91	565
October	462	118	580
November	348	118	466
December	486	125	611
<b>2025</b>			
January	575	144	720
February	375	168	543
March	510	79	589
April	396	123	519
May	562	103	665
<b>January–May</b>	<b>2,420</b>	<b>617</b>	<b>3,040</b>

<sup>1</sup>Calculated 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-May 2024 <sup>1</sup>		April 2025		May 2025		January-May 2025 <sup>1</sup>	
	Production	Shipments	Production	Shipments	Production	Shipments	Production	Shipments
<b>PAD 1</b>								
Petroleum and coke	59	61	13	13	14	13	68	69
Natural gas	3 <sup>r</sup>	3 <sup>r</sup>	1	1	0	0	2	2
<b>Total</b>	62 <sup>r</sup>	64 <sup>r</sup>	13	13	14	14	70	71
<b>PAD 2</b>								
Petroleum and coke	540 <sup>r</sup>	543 <sup>r</sup>	98	97	118	119	557	549
Natural gas	0	0	0	0	0	0	0	0
<b>Total</b>	540 <sup>r</sup>	543 <sup>r</sup>	98	97	118	119	557	549
<b>PAD 3</b>								
Petroleum and coke	1,820	1,830	348	372 <sup>r</sup>	390	371	1,800	1,800
Natural gas	26	26	3	3	3	3	13	14
<b>Total</b>	1,850	1,860	351	374	392	373	1,810	1,810
<b>PAD 4 and 5</b>								
Petroleum and coke	520 <sup>r</sup>	524 <sup>r</sup>	103	104	107	108	521	523
Natural gas	142	142	31	30	32	31	156	157
<b>Total</b>	662 <sup>r</sup>	665 <sup>r</sup>	133	134	139	139	678	680
<b>Grand total</b>	3,110 <sup>r</sup>	3,130 <sup>r</sup>	595	618	664	645	3,120	3,110

<sup>1</sup>May 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.]

Category	2024	2025		
		April	May	January–May
Production	7.79	7.24	7.82	7.53
Shipments	7.80	7.52	7.59	7.52
Exports of sulfur	2.08	2.70	0.98	1.68
<b>Imports of sulfur</b>				
Canada	1.28	0.83	0.55	0.95
<b>Total</b> <sup>1</sup>	1.34	1.50	1.21	1.49
Exports of H <sub>2</sub> SO <sub>4</sub>	0.17	0.14	0.35	0.21
<b>Imports of H<sub>2</sub>SO<sub>4</sub></b>				
Canada	1.75	1.74	1.87	1.80
Mexico	0.81	0.59	0.80	0.78
<b>Total</b> <sup>1</sup>	3.51	3.54	3.59	3.33
<b>Consumption</b>				
Domestic sources	5.72	4.82	6.62	5.84
Imports	1.34	1.50	1.21	1.49
<b>Total</b>	7.06	6.32	7.83	7.34
Sulfur export values <sup>2</sup>	92	223	282	188
<b>Sulfur import values<sup>2</sup></b>				
Canada	75	149	196	139
Average <sup>1</sup>	84	169	236	165
H <sub>2</sub> SO <sub>4</sub> export values	206	225	154	176
<b>H<sub>2</sub>SO<sub>4</sub> import values<sup>2</sup></b>				
Canada	108	103	109	103
Mexico	119	115	116	119
Average <sup>1</sup>	109	106	109	112

<sup>1</sup>Includes other countries not listed.

<sup>2</sup>Average value per ton.