

Mineral Industry Surveys

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SULFUR IN AUGUST 2025

During August 2025, production of recovered elemental sulfur was 643,000 metric tons (t), compared with 639,000 t, the amount in July 2025 and was 5% less than that in August 2024. Total production for January through August was 5.03 million metric tons (Mt), compared with 5.14 Mt the revised amount in the same period of 2024. Shipments in August 2025 were 642,000 t, compared with 637,000 t, the revised amount in July 2025 and was 5% less than that in August 2024. Total shipments for January through August were 5.03 Mt, compared with 5.15 Mt in the same period of 2024. Stocks at the end of August 2025 were 115,000 t (table 1).

Imports of recovered sulfur for August 2025 were estimated to be 121,000 t; exports were also 121,000 t. Total imports of recovered sulfur for January through August were estimated to be 1.04 Mt, 15% more than the revised amount in the same period of 2024. Total exports of recovered sulfur for January through August were 1.18 Mt, compared with 1.20 Mt, the revised amount in the same period of 2024 (tables 2, 4).

Imports of sulfuric acid in August 2025 were 303,000 t; exports were 14,000 t. Total imports in January through August were 2.24 Mt, 7% less than those in the same period of 2024. Total exports of sulfuric acid in January through August were 129,000 t, 11% more than the revised 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 641,000 t in August 2025. This was 16% more than the revised amount in July 2025 and 3% less than that in August 2024. Total consumption for January through August was estimated to be 4.89 Mt, compared with 4.85 Mt 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* 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–July	4,220 ^r	243 ^r	4,460 ^r	4,480 ^r	111 ^r
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
April	570	34	604	628	101 ^r
May	632	35	667	650	119 ^r
June	580	34	614	621 ^r	111 ^r
July	611	28	639	635	115
January–July	4,150	234	4,380	4,380	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 ^r	95,500	1,360 ^r	113,000
January–July	734 ^r	48,700	794 ^r	61,300
July	95	6,140	96	7,470
August	108 ^r	6,890	109 ^r	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	122 ^r	9,700	176 ^r	18,800
February	98 ^r	17,100	153 ^r	27,400
March	108 ^r	8,490	111 ^r	10,600
April	88 ^r	10,100	143 ^r	20,800
May	71 ^r	9,220	127 ^r	24,300
June	98 ^r	11,400	99 ^r	12,000
July	113	19,700	113	20,400
January–July	697	85,700	922	134,000

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. 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–July	1,080	354	120,000	451	148 ^r	54,900	2,120	694 ^r	227,000
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
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	5,610	286	94	29,200
July	143	47	15,500	60	20	5,480	275	90	28,700
January–July	1,030	337	108,000	444	147	49,900	1,940	634	212,000

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–July	1,080 ^r	90,800 ^r	101 ^r	33 ^r	19,600 ^r
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
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
January–July	1,060	222,000	116	38	22,800

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	1,360 ^r	7,070 ^r
January–July	3,400 ^r	794 ^r	4,190
July	441	96	537
August	549	109 ^r	659 ^r
September	474	91	565
October	462	118	580
November	348	118	466
December	486	125	611
2025			
January	575	176 ^r	751 ^r
February	375	153 ^r	528 ^r
March	510	111 ^r	621 ^r
April	406	143 ^r	549 ^r
May	567	127 ^r	694 ^r
June	454 ^r	99 ^r	553 ^r
July	440	113	553
January–July	3,330	922	4,250

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-July 2024 ¹		June 2025		July 2025		January-July 2025 ¹	
	Production	Shipments	Production	Shipments	Production	Shipments	Production	Shipments
PAD 1								
Petroleum and coke	90 ^r	91 ^r	12	13	12	12	92	94
Natural gas	4	4	(²)	(²)	1	1	3	3
Total	94 ^r	95 ^r	13	13	12	12	95	97
PAD 2								
Petroleum and coke	755 ^r	759 ^r	122	121	124	124	816	808
Natural gas	0	0	0	0	0	0	0	0
Total	755 ^r	759 ^r	122	121	124	124	816	808
PAD 3								
Petroleum and coke	2,650 ^r	2,650 ^r	339	347	368	362	2,510	2,510
Natural gas	36 ^r	36 ^r	3	3	3	3	19	19
Total	2,690 ^r	2,690 ^r	341	348 ^r	370	365	2,520	2,530
PAD 4 and 5								
Petroleum and coke	727 ^r	730 ^r	107	105	108	109	736	737
Natural gas	203	204	31	34	25	25	212	215
Total	930 ^r	934 ^r	138	139	133	134	948	952
Grand total	4,460 ^r	4,480 ^r	614	621 ^r	639	635	4,380	4,380

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		
		June	July	January– July
Production	7.79	7.47	7.52	7.55
Shipments	7.80	7.56 ^r	7.48	7.54
Exports of sulfur	2.08	2.04	2.30	1.82
Imports of sulfur				
Canada	1.29 ^r	1.19 ^r	1.32	1.20
Total ¹	1.35 ^r	1.20 ^r	1.33	1.59
Exports of H ₂ SO ₄	0.17	0.17	0.17	0.20
Imports of H₂SO₄				
Canada	1.75	1.70	1.68	1.77
Mexico	0.81	0.74	0.70	0.76
Total ¹	3.51	3.48	3.24	3.34
Consumption				
Domestic sources	5.72	5.52 ^r	5.18	5.73
Imports	1.35 ^r	1.20 ^r	1.33	1.59
Total	7.07 ^r	6.72 ^r	6.51	7.31
Sulfur export values ²	92	280	227	210
Sulfur import values²				
Canada	74 ^r	117 ^r	175	123
Average ¹	83 ^r	122 ^r	180	146
H ₂ SO ₄ export values	206	289	238	197
H₂SO₄ import values²				
Canada	108	110	109	105
Mexico	119	93	92	112
Average ¹	109	102	104	109

¹Includes other countries not listed.

²Average value per ton.