

Mineral Industry Surveys

For information, contact:

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

Hanyeh Yazdani (Data)
Telephone: (703) 648-7745
Email: hyazdani@usgs.gov

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

SULFUR IN SEPTEMBER 2025

During September 2025, production of recovered elemental sulfur was 653,000 metric tons (t), compared with 643,000 t, the amount in August 2025 and compared with 666,000 t, the amount in September 2024. Total production for January through September was 5.68 million metric tons (Mt), compared with 5.81 Mt, the revised amount for the same period in 2024. Shipments in September 2025 were 652,000 t, compared with 642,000 t in August 2025, and compared with 667,000 t, the amount in September 2024. Total shipments for January through September were 5.68 Mt, compared with 5.82 Mt, the revised amount in the same period of 2024. Stocks at the end of September 2025 were 116,000 t (table 1).

Imports of recovered sulfur for September 2025 were estimated to be 135,000 t; exports were 178,000 t. Total imports of recovered sulfur for January through September were estimated to be 1.47 Mt, 12% less than the amount in the same period of 2024. Total exports of recovered sulfur for January through September were 1.36 Mt, 3% less than the revised amount in the same period of 2024 (tables 2, 4).

Imports of sulfuric acid in September 2025 were 397,000 t; exports were 13,000 t. Total imports in January through September were 2.64 Mt, compared with 2.70 Mt, the amount in the same period of 2024. Total exports of sulfuric acid in January through September were 143,000 t, 12% 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 608,000 t in September 2025. This was 5% less than the amount in August 2025, and 6% less than that in September 2024. Total consumption for January through September was estimated to be 5.80 Mt, which was 5% 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–September	5,500 ^r	307	5,810 ^r	5,820 ^r	109 ^r
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	100
May	632	35	667	650	118
June	580	34	614	621	111
July	611	28	639	637	113
August	624	19	643	642	115
September	643	10	653	652	116
January–September	5,420	262	5,680	5,680	116

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. 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
2024³				
January–December	1,290	192,000	2,260	711,000
January–September	932	145,000	1,680	544,000
September	90	22,600	170	66,300
October	117	14,500	183	51,600
November	117	13,800	195	55,500
December	124	18,100	201	59,400
2025³				
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
January–September	950	162,000	1,470	366,000

¹May include other countries not listed.

²Declared customs valuation.

³May include revisions to previously published data owing to a change in usage from "General Imports" to "Imports for consumption."

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–September	1,360	445	147,000	628	205	74,900	2,700	883	289,000
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	5,600	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
January–September	1,340	437	140,000	571	187	61,600	2,640	863	283,000

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–September	1,400 ^r	121,000 ^r	128 ^r	42 ^r	24,300 ^r
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
August	121	31,100	14	4	2,580
September	178	47,100	13	4	2,760
January–September	1,360	300,000	143	47	28,200

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.]

Period	Domestic sources¹	Imports	Consumption
2024²			
January–December	5,720	2,260	7,980
January–September	4,420	1,680	6,100
September	474	170	644
October	462	183	645
November	348	195	544
December	486	201	687
2025²			
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	441	113	554
August	521	121	641
September	473	135	608
January–September	4,320	1,470	5,800

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-September 2024 ¹		August 2025		September 2025		January-September 2025 ¹	
	Production	Shipments	Production	Shipments	Production	Shipments	Production	Shipments
PAD 1								
Petroleum and coke	119 ^r	119 ^r	13	12	12	13	117	118
Natural gas	5	5	1	1	(²)	(²)	4	4
Total	125 ^r	124 ^r	14	13	12	13	122	123
PAD 2								
Petroleum and coke	967 ^r	972 ^r	118	119	165	165	1,100	1,090
Natural gas	0	0	0	0	0	0	0	0
Total	967 ^r	972 ^r	118	119	165	165	1,100	1,090
PAD 3								
Petroleum and coke	3,490 ^r	3490 r	382	381	371	368	3,260	3,260
Natural gas	44	43	3	3	3	3	24	24
Total	3,530 ^r	3540 r	385	384	373	371	3,280	3,280
PAD 4 and 5								
Petroleum and coke	926 ^r	927 ^r	111	108	96	97	942	942
Natural gas	258	258	16	18	6	6	234	239
Total	1,180 ^r	1,190 ^r	126	127	102	103	1,180	1,180
Grand total	5,810 ^r	5,820 ^r	643	642	653	652	5,680	5,680

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.]

Category	2024 ¹	2025		
		August ¹	September	January–September
Production	7.79	7.57	7.94	7.59
Shipments	7.80	7.56	7.93	7.59
Exports of sulfur	2.08	1.43	2.17	1.81
Imports of sulfur				
Canada	1.29	1.41	1.62	1.27
Total ²	2.26	1.42	1.64	1.97
Exports of H ₂ SO ₄	0.17	0.16	0.16	0.19
Imports of H₂SO₄				
Canada	1.75	1.68	1.99	1.79
Mexico	0.81	0.66	0.86	0.76
Total ²	3.51	3.56	4.83	3.53
Consumption				
Domestic sources	5.72	6.13	5.76	5.78
Imports	2.26	1.42	1.64	1.97
Total	7.98	7.55	7.40	7.75
Sulfur export values ³	92	257	264	221
Sulfur import values²				
Canada	149	152	264	171
Average ²	314	157	271	249
H ₂ SO ₄ export values	206	188	206	197
H₂SO₄ import values²				
Canada	108	108	106	105
Mexico	119	93	92	108
Average ²	109	103	101	107

¹May include revisions to previously published data owing to a change in usage from "General Imports" to "Imports for consumption."²Includes other countries not listed.³Average value per ton.