

PBF ENERGY 2022 PERFORMANCE DATA UPDATE

SASB TABLE

Code	Detail	Metric	2022	2021	2020
EM-RM-110a.1	Greenhouse Gas	Gross Scope 1 million metric tons CO2e	11.72	14.16	14.20
EM-RM-110a.1	Greenhouse Gas	% under emissions-limiting regulations	94.65%	92.72%	90.53%
Em-RM-120a.1	Air Quality	NOX (metric tons)	4,843	4,703	4,503
Em-RM-120a.1	Air Quality	SOX (metric tons)	1,582	1,667	1,513
Em-RM-120a.1	Air Quality	PM10 (metric tons)	1,381	1,208	1,077
Em-RM-120a.2	Air Quality	VOCs (metric tons)	1,962	2,125	1,877
Em-RM-120a.2	Air Quality	Number of refineries in/near areas of dense population	6	6	6
EM-RM-140a.1	Water Management	Total fresh waster withdrawn (thousand cubic meters)	210,000	201,000	212,000
EM-RM-140a.1	Water Management	Percentage in regions with high or extremely high water stress	2.9%	1.9%	1.5%
EM-RM-140a.2	Water Management	Number of incidents of non-compliance	10	13	32
EM-RM-150a.1	Hazardous Materials Management	Haz waste generated (metric tons)	33,303	20,631	21,701
EM-RM-150a.1	Hazardous Materials Management	% recycled	30.6%	32.4%	28.0%
EM-RM-150a.2	Hazardous Materials Management	Number of USTs	13	13	13
EM-RM-150a.2	Hazardous Materials Management	Number of releases requiring clean-up	0	0	0
EM-RM-150a.2	Hazardous Materials Management	% in states with UST financial assurance funds	100%	100%	100%
EM-RM-320a.1	Workforce Health and Safety*	TRIR - employee	0.45	0.32	0.55
PBF Energy	Workforce Health and Safety*	LTIR - employee	0.24	0.13	0.28
EM-RM-320a.1	Workforce Health and Safety*	Fatality Rate - employee	0.00	0.00	0.00
EM-RM-320a.1	Workforce Health and Safety*	TRIR - contractor	0.12	0.42	0.45
PBF Energy	Workforce Health and Safety*	LTIR - contractor	0.00	0.24	0.16
EM-RM-320a.1	Workforce Health and Safety*	Fatality Rate - contractor	0.00	0.00	0.00
EM-RM-410a.1**	Product Specs and Clean Fuel blends	% of RVO met through production	0	0	0
EM-RM-410a.1**	Product Specs and Clean Fuel blends	% of RVO met through the purchase of "separated" RINS	67%	73%	52%
EM-RM-520a.1	Pricing Integrity and Transparency	Total amount of monetary losses due to legal proceedings associated with price fixing or manipulation	\$0.00	\$0.00	\$0.00
EM-RM-540a.1	Critical Incident Risk Management	PSE rates for LOPC Tier 1	0.07	0.14	0.07
EM-RM-540a.1	Critical Incident Risk Management	PSE rates for LOPC Tier 2	0.24	0.30	0.24
EM-RM-000.A	Activity Metric	Refining throughput of crude and feedstocks barrels of oil equivalent (BOE)	337,700,000	304,600,000	266,300,000
EM-RM-000.B	Activity Metric	Refining operating capacity million barrels per day MBPD	1,023	973	973

*SAFETY METRICS EXCLUDE ANY COVID-19 CASES.

**IN ORDER TO BETTER ALIGN WITH THE DEFINITIONS IN THE SASB GUIDANCE, PBF ENERGY IS NOW REPORTING THE % OF RVO OBLIGATION MET THROUGH THE PURCHASE OF RINS DESIGNATED AS K2 OR "SEPARATED" AT THE TIME OF PURCHASE.

EEOC REPORT

HEADCOUNT

LOCATION	# OF EMPLOYEES	REPRESENTED	UNIONS
Headquarters	414		N/A
Delaware City Refinery	525	372	USW
Paulsboro Refinery	270	174	IOW
Toledo Refinery	490	297 5	USW USW
Chalmette Refinery	582	323	USW
Torrance Refinery	588	319 11	USW IBEW
Torrance Logistics	96	41 4	USW USW
Martinez Refinery	561	304 14	USW IBEW
PBFX	90	23 10 15	USW-East Coast Storage Assets USW-East Coast Terminals USW-East Coast Terminals
TOTAL EMPLOYEES	3616	1912	

OPERATING HIGHLIGHTS

YEAR ENDED DECEMBER 31,

	2022	2021	2020
KEY OPERATING INFORMATION			
Production (bpd in thousands)	937.1	852.2	737.1
Crude Oil and Feedstocks throughput (bpd in thousands)	925.1	834.5	727.7
Total Crude Oil and Feedstocks Throughput (millions of barrels)	337.7	304.6	266.3
Consolidated gross Margin Per Barrel of Throughput	\$13.85	\$2.91	\$(6.12)
Gross Refining Margin, Excluding Special Items, per barrel of throughput [1]	\$22.00	\$7.94	\$3.23
Refinery operating expense, per barrel of throughput	\$7.39	\$6.56	\$6.89
CRUDE AND FEEDSTOCKS (% OF TOTAL THROUGHPUT) [2]			
Heavy	32%	34%	42%
Medium	36%	31%	26%
Light	18%	18%	17%
Other feedstocks and blends	14%	17%	15%
Total Throughput	100%	100%	100%
YIELD (% OF TOTAL THROUGHPUT)			
Gasoline and gasoline blendstocks	47%	53%	51%
Distillates and distillate blendstocks	35%	30%	30%
Lubes	1%	1%	1%
Chemicals	1%	2%	1%
Other	17%	16%	18%
Total Yield	101%	102%	101%

[1] Gross Refining Margin is a Non-GAAP financial measure. For an explanation of how we use Gross Refining Margin a reconciliation to Consolidated Gross Margin, please see "Non-GAAP Financial Measures" in Item 7, Management's Discussion and Analysis of Financial Condition and Results of Operations in our Annual Report on Form 10-K for the year ended December 31, 2022 (the 2022 Form 10-K).

[2] We define heavy crude oil as crude oil with an API gravity of less than 24 degrees. We define medium crude oil as crude oil with an API gravity between 24 and 35 degrees. We define light crude oil as crude oil with an API gravity higher than 35 degrees.