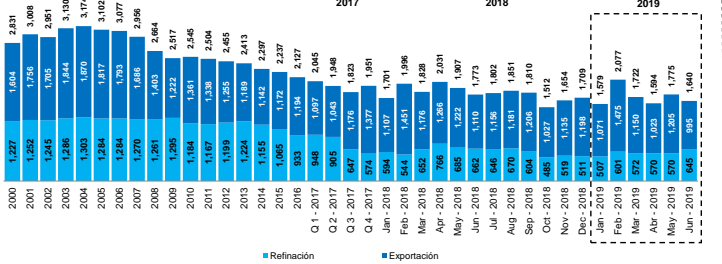


NATIONAL HYDROCARBONS COMMISSION
Oil Refining and Export Report
June 2019

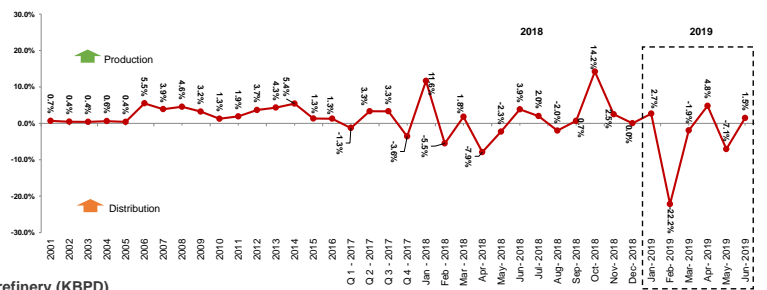
Indicators

Production and distribution of oil	2017												2018					2019										
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
National Production ¹ Oil (KBPD) ¹	3,256	3,076	2,792	2,601	2,577	2,553	2,548	2,522	2,429	2,267	2,155	2,019	2,015	1,886	1,883	1,893	1,846	1,838	1,763	1,696	1,709	1,622	1,700	1,689	1,674	1,657	1,665	
Entitlements	3,256	3,076	2,792	2,601	2,577	2,553	2,548	2,522	2,429	2,267	2,155	2,019	2,015	1,886	1,883	1,893	1,846	1,794	1,787	1,696	1,627	1,639	1,550	1,626	1,613	1,599	1,584	1,593
Contrats	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.3	23.4	36.3	32.7	46.7	52.2	51.2	66.8	68.6	70.2	71.2	73.5	76.2	75.7	73.7	72.1
Distribution (KBPD)	3,077	2,956	2,664	2,517	2,545	2,504	2,455	2,413	2,297	2,237	2,127	2,045	1,948	1,823	1,951	1,836	1,904	1,821	1,512	1,654	1,709	1,579	2,077	1,722	1,594	1,775	1,640	
Refining ²	1,284	1,270	1,261	1,295	1,184	1,167	1,199	1,224	1,155	1,065	933	948	905	647	574	598	704	640	485	519	511	507	601	572	570	570	645	
Export ³	1,793	1,686	1,403	1,222	1,361	1,338	1,255	1,189	1,142	1,172	1,194	1,097	1,043	1,176	1,377	1,238	1,199	1,181	1,027	1,135	1,198	1,071	1,475	1,150	1,023	1,205	995	
Daily difference (KBPD) ⁴	179	120	127	84	32	49	93	109	132	30	28	-26	67	62	-67	56	-57	17	251	42	0	43	-377	-33	80	-117	25	
Percentage difference (production - distribution)	5.5%	3.9%	4.6%	3.2%	1.3%	1.9%	3.7%	4.3%	5.4%	1.3%	1.3%	-1.3%	3.3%	3.3%	-3.6%	3.0%	-3.1%	0.9%	14.2%	2.5%	0.0%	2.7%	-22.2%	-1.9%	4.8%	-7.1%	1.5%	

Oil distribution
(Thousands of barrels per day)



Percentage difference between production and distribution⁵



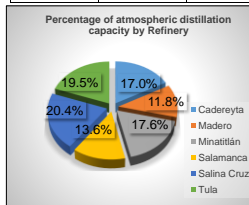
Oil process by refinery (KBPD)

	2017												2018					2019									
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Total	1,284	1,270	1,261	1,295	1,184	1,167	1,199	1,224	1,155	1,065	933	948	905	647	574	598	704	640	485	519	511	507	601	572	570	570	645
Cadereyta (Nuevo León)	207	210	208	217	177	171	188	189	181	159	122	131	159	100	119	125	108	130	99	116	113	125	130	97	93	99	100
Madero (Tamaulipas)	149	141	152	152	126	117	128	130	111	129	87	76	79	24	0.0	31.7	45.5	0.0	0.0	0.0	0.0	57.3	66.0	0.9	0.0	0.0	55.4
Minatitlán (Veracruz)	169	170	162	167	159	152	171	183	168	152	112	111	103	84	49	20	28	52	14	0	0	63	92	110	66	105	110
Salamanca (Guanajuato)	196	188	192	192	186	171	179	195	171	149	171	173	158	161	136	150	160	162	118	77	75	10	57	108	127	136	139
Salina Cruz (Oaxaca)	290	272	279	277	270	279	257	282	270	240	239	257	169	60	65	138	216	154	119	186	151	134	115	140	189	115	122
Tula (Hidalgo)	273	289	267	290	266	277	277	246	255	236	202	200	237	218	205	133	147	142	136	139	172	117	141	115	95	115	118

Location of Refineries in the Mexican Republic



Refinery	Atmospheric distillation capacity* (KBPD)	Oil process June-2019
Cadereyta	275	100
Madero	190	55
Minatitlán	285	110
Salamanca	220	139
Salina Cruz	330	122
Tula	315	118
Total	1615	645**



Notes:
¹ Data includes production volume of assignments and contracts.
² Oil delivered to "Refinación": to "Maquila"; to "Canzonera" and to "La Verita" of the balance of crude distribution.
³ Crude shipped to export terminals.
⁴ Differences = (volume of oil produced - volume of oil distributed).
⁵ Difference between the volume of oil produced and distributed as a percentage of production.
 * The atmospheric distillation capacity corresponds to the capacity for the year 2018.
 ** Corresponds to the average percentage of the capacity of use of the 5 Refineries.
 KBPD = Thousands of barrels per day
 Numbers may not match due to rounding.

NATIONAL HYDROCARBONS COMMISSION

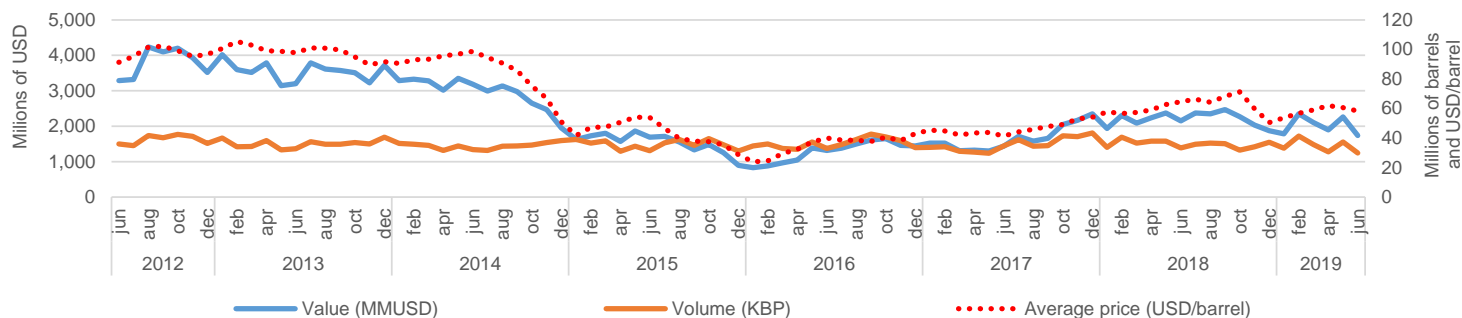
Oil Refining and Export Report

June 2019

Oil exports in the month of June 2019¹

Volume	Value	Average Price	
963	29.85	1,741	58.33
Thousands of barrels per day	Millions of barrels	Millions of dollars	Dollars per barrel

Volume and value of oil exports
June 2012 to June 2019



Oil exports by type and destination 2017 and 2018

Type of oil ³	Volume (KBP) ²		Average price (USD/barrel) ²	
	2017	2018	2017	2018
Olmeca	0	0 ▲	0.0	0.0 ▲
Istmo	62	0 ▼	64.5	0.0 ▼
Maya	1,117	1,025 ▼	59.4	58.6 ▼
Altamira	21	20 ▼	55.4	56.2 ▲
Talam	15	104 ▲	57.8	55.9 ▼
Total	1,215	1,150 ▼	59.6	58.4 ▼

Continent	Volume (KBP) ²		Average price (USD/barrel) ²	
	2017	2018	2017	2018
America	665	628 ▼	60.0	60.0 ▲
Asia	320	317 ▼	60.0	57.1 ▼
Europe	230	204 ▼	57.8	55.3 ▼
Total	1,215	1,150 ▼	59.6	58.4 ▼

Oil export as of June 2018¹

Country	Volume (KBP)		Volume (KBP)	
	2017	2018	2018	2019
United States	657.37	628.06 ▼	118.98	113.68 ▼
Spain	179.44	182.03 ▲	32.48	32.95 ▲
India	173.78	190.15 ▲	31.45	34.42 ▲
Japan	37.19	11.06 ▼	6.73	2.00 ▼
Korea	92.81	108.38 ▲	16.80	19.62 ▲
Italy	-	- ▲	-	- ▲
France	-	- ▲	-	- ▲
Dominican Republic	-	- ▲	-	- ▲
China	16.14	7.87 ▼	2.92	1.42 ▼
Netherlands	33.57	22.08 ▼	6.08	4.00 ▼
Portugal	5.73	- ▼	1.04	- ▼
Jamaica	7.72	- ▼	1.40	- ▼
Belgium	10.96	- ▼	1.98	- ▼
Nicaragua	-	- ▲	-	- ▲
Switzerland	-	- ▲	-	- ▲
Peru	-	- ▲	-	- ▲
Germany	-	- ▲	-	- ▲
Total	1,214.71	1,149.62 ▼	219.86	208.08 ▼

Source: Sistema de Información Comercial Via Internet (SIAVI) of the Ministry of the Economy and Institutional Database (BDI) of Petróleos Mexicanos.

¹ The volume, value and average price of oil exports in the reporting month are shown.

² It shows the volume and average price of exports in the period of January to month of reporting for both years.

³ The Olmeca oil type corresponds to light oil, the Istmo oil type corresponds to medium oil, and the Maya, Altamira and Talam oil types correspond to heavy oil.

⁴ The volume of exports in the period from January to month of the report for 2019 are shown.

Note: The data contained in this report is only a reference, thus it is the responsibility of the user to confirm and validate the information. The CNH does not issue any type of declaration or guarantee regarding the contained data, nor assumes any responsibility for the accuracy of the information.