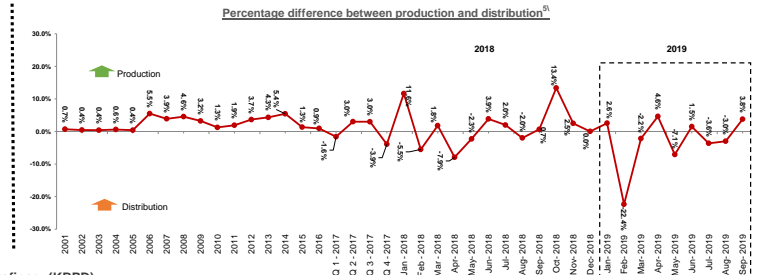
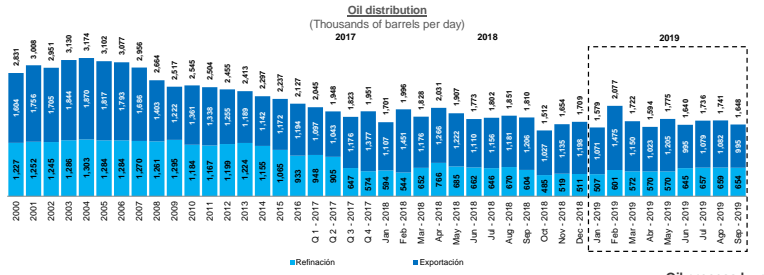


Indicators

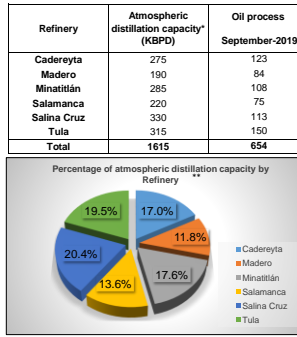
Production and distribution of oil	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017				2018				2019								
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>National Production<sup>1</sup> Oil (KBPD)</b>	3,256	3,076	2,792	2,601	2,577	2,553	2,548	2,522	2,429	2,267	2,147	2,012	2,008	1,879	1,877	1,874	1,846	1,808	1,717	1,620	1,697	1,686	1,671	1,657	1,665	1,675	1,690	1,713
<b>Entitlements</b>	3,256	3,076	2,792	2,601	2,577	2,553	2,548	2,522	2,429	2,267	2,146	2,011	1,985	1,843	1,844	1,827	1,794	1,748	1,649	1,549	1,624	1,610	1,595	1,584	1,593	1,590	1,597	1,618
<b>Contrats</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.3	23.3	36.3	32.7	46.7	52.2	59.5	68.5	71.2	73.5	76.2	76.2	73.7	72.1	85.2	92.8	94.5
<b>Distribution (KBPD)</b>	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	1,625	1,579	2,077	1,722	1,594	1,775	1,640	1,736	1,741	1,648
Refining <sup>2</sup>	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	505	507	601	572	570	570	645	657	659	654
Export <sup>3</sup>	1,793	1,686	1,403	1,222	1,361	1,338	1,255	1,129	1,142	1,172	1,194	1,097	1,176	1,377	1,238	1,199	1,181	1,120	1,071	1,475	1,150	1,205	995	1,079	1,082	995		
<b>Daily difference (KBPD) <sup>4</sup></b>	179	120	127	84	32	49	93	109	132	30	20	-32	60	56	-74	37	-57	-13	92	41	-379	-36	77	-117	25	-61	-51	64
<b>Percentage difference (production - distribution)</b>	5.5%	3.9%	4.6%	3.2%	1.3%	1.9%	3.7%	4.3%	5.4%	1.3%	0.9%	-1.6%	3.0%	3.0%	-3.9%	2.0%	-3.1%	-0.7%	5.4%	2.6%	-22.4%	-2.2%	4.6%	-7.1%	1.5%	-3.6%	-3.0%	3.8%



Oil process by refinery (KBPD)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017				2018				2019								
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Jan	Feb	Mar	Apr	May	Jun	Jul	Ago	Sep
<b>Total</b>	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	505	507	601	572	570	570	645	657	659	654
Cadereyta (Nuevo León)	207	210	208	217	177	171	188	189	181	159	122	131	159	100	119	125	108	130	109	125	130	97	93	99	100	107	99	123
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	57.3	66.0	0.9	0.0	0.0	55.4	56.5	97.2	84.5
Minatitlán (Veracruz)	169	170	162	167	159	152	171	183	168	152	112	111	103	84	49	20	28	52	5	63	92	110	66	105	110	111	110	108
Salamanca (Guanajuato)	196	188	192	192	186	171	179	195	171	149	171	173	158	161	136	150	160	162	90	10	57	108	127	136	139	139	118	75
Salina Cruz (Oaxaca)	290	272	279	277	270	279	257	282	270	240	239	257	169	60	65	138	216	154	152	134	115	140	189	115	122	121	112	113
Tula (Hidalgo)	273	289	267	290	266	277	277	246	255	236	202	200	237	218	205	133	147	142	149	117	141	115	95	115	118	123	123	150

Location of Refineries in the Mexican Republic

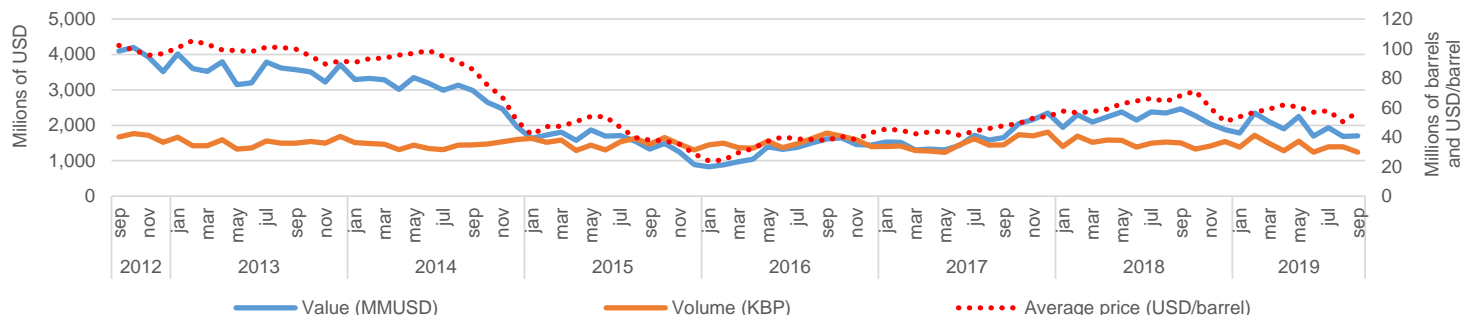


Notes:  
<sup>1</sup> Data includes production volume of assignments and contracts.  
<sup>2</sup> Oil delivered to "Refinación", to "Mazules", to "Canoneers" and to "La Venta" of the Balance of crude distribution.  
<sup>3</sup> Crude shipped to export terminals.  
<sup>4</sup> Differences = (volume of oil produced - volume of oil distributed).  
<sup>5</sup> Difference between the volume of oil produced and distributed as a percentage of production.  
<sup>6</sup> The atmospheric distillation capacity corresponds to the capacity for the year 2018.  
<sup>7</sup> 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.

#### Oil exports in the month of September 2019<sup>1</sup>

Volume	Value	Average Price
<b>963</b>	<b>29.84</b>	<b>57.11</b>
Thousands of barrels per day	Millions of barrels	Millions of dollars
		Dollars per barrel

Volume and value of oil exports  
September 2012 to September 2019



#### Oil exports by type and destination 2018 and 2019

Type of oil <sup>3</sup>	Volume (KBPD) <sup>2</sup>		Average price (USD/barrel) <sup>2</sup>	
	2017	2018	2017	2018
Olmecca	0	0 ▲	0.0	0.0 ▲
Istmo	41	0 ▼	64.5	0.0 ▼
Maya	1,126	1,001 ▼	61.8	57.3 ▼
Altamira	21	20 ▼	57.7	55.1 ▼
Talam	15	95 ▲	60.3	55.3 ▼
<b>Total</b>	<b>1,203</b>	<b>1,117 ▼</b>	<b>61.8</b>	<b>57.1 ▼</b>

Continent	Volume (KBPD) <sup>2</sup>		Average price (USD/barrel) <sup>2</sup>	
	2017	2018	2017	2018
America	704	612 ▼	62.2	58.6 ▼
Asia	296	319 ▲	62.1	55.7 ▼
Europe	203	185 ▼	60.0	54.8 ▼
<b>Total</b>	<b>1,203</b>	<b>1,117 ▼</b>	<b>61.8</b>	<b>57.1 ▼</b>

#### Oil export as of September 2019<sup>1</sup>

Country	Volume (KBPD)		Volume (KBP)	
	2017	2018	2018	2019
United States	698.64	612.41 ▼	190.73	167.19 ▼
Spain	170.15	168.32 ▼	46.45	45.95 ▼
India	161.80	175.63 ▲	44.17	47.95 ▲
Japan	31.97	7.33 ▼	8.73	2.00 ▼
Korea	89.85	129.32 ▲	24.53	35.30 ▲
Italy	-	2.22 ▲	-	0.61 ▲
France	-	- ▲	-	- ▲
Dominican Republic	-	- ▲	-	- ▲
China	12.44	6.95 ▼	3.40	1.90 ▼
Netherlands	22.26	14.64 ▼	6.08	4.00 ▼
Portugal	3.80	- ▼	1.04	- ▼
Jamaica	5.12	- ▼	1.40	- ▼
Belgium	7.26	- ▼	1.98	- ▼
Nicaragua	-	- ▲	-	- ▲
Switzerland	-	- ▲	-	- ▲
Peru	-	-	-	-
Germany	-	- ▲	-	- ▲
<b>Total</b>	<b>1,203.28</b>	<b>1,116.81 ▼</b>	<b>328.50</b>	<b>304.89 ▼</b>

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

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

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

<sup>3</sup> The Olmecca 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.

<sup>4</sup> 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.