

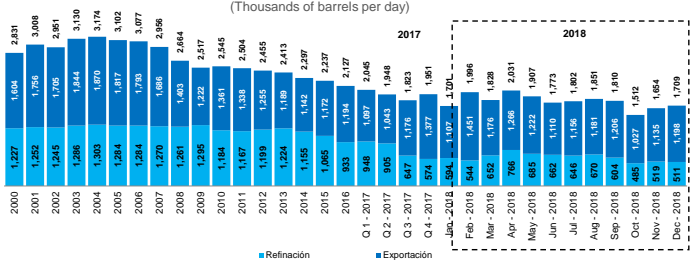
NATIONAL HYDROCARBONS COMMISSION
Oil Refining and Export Report
December 2018

Indicators

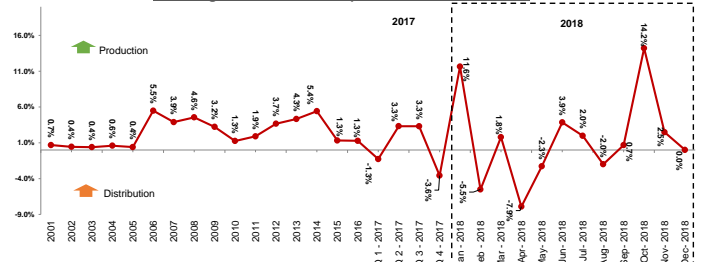
Production and distribution of oil	2017												2018												
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Q1	Q2	Q3	Q4	Q1	Apr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dec
National ProductionOil (KBPD)¹⁾	3,256	3,076	2,792	2,601	2,577	2,553	2,548	2,522	2,429	2,267	2,155	2,019	2,015	1,886	1,883	1,893	1,883	1,864	1,844	1,838	1,815	1,823	1,763	1,696	1,709
Entitlements	3,256	3,076	2,792	2,601	2,577	2,553	2,548	2,522	2,429	2,267	2,154	2,018	1,991	1,849	1,851	1,846	1,831	1,813	1,789	1,787	1,753	1,757	1,696	1,627	1,639
Contrats	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	51.4	50.9	54.1	51.2	61.4	66.1	66.8	68.6	70.2
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	1,701	2,031	1,907	1,773	1,802	1,851	1,810	1,512	1,654	1,709
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	594	766	685	662	646	670	604	485	519	511
Export ³⁾	1,793	1,686	1,403	1,222	1,361	1,338	1,255	1,189	1,189	1,172	1,194	1,097	1,043	1,176	1,377	1,107	1,266	1,222	1,110	1,156	1,181	1,206	1,027	1,135	1,198
Daily difference (KBPD)⁴⁾	179	120	127	84	32	49	93	109	132	30	28	-26	67	62	-67	192	-149	-42	71	36	-36	12	251	42	0
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%	10.1%	-7.9%	-2.3%	3.9%	2.0%	-2.0%	0.7%	14.2%	2.5%	0.0%

Oil distribution

(Thousands of barrels per day)



Percentage difference between production and distribution⁵⁾



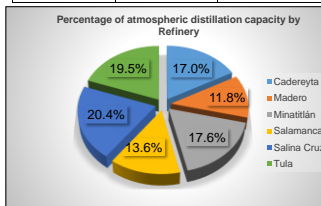
Oil process by refinery (KBPD)

	2017												2018												
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Q1	Q2	Q3	Q4	Q1	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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	766	685	662	646	670	604	485	519	511
Cadereyta (Nuevo León)	207	210	208	217	177	171	188	189	181	158	122	131	159	100	119	125	116	94	114	122	159	109	99	116	113
Madero (Tamaulipas)	149	141	152	152	126	117	128	130	111	129	87	76	79	24	0.0	31.7	68.6	28.0	40.6	0.0	0.0	0.0	0.0	0.0	0.0
Minatitlán (Veracruz)	169	170	162	167	159	152	171	183	168	152	112	111	103	84	49	20	23	51	8	18	70	69	14	0	0
Salamanca (Guanajuato)	196	188	192	192	186	171	179	195	171	149	171	173	158	161	136	150	163	163	155	165	158	161	118	77	75
Salina Cruz (Oaxaca)	290	272	279	277	270	279	257	282	270	240	239	257	169	60	65	138	235	213	201	175	151	136	119	186	151
Tula (Hidalgo)	273	289	267	290	266	277	277	246	255	236	202	200	237	218	205	133	160	136	144	166	132	128	136	139	172

Location of Refineries in the Mexican Republic



Refinery	Oil process	
	Atmospheric distillation capacity* (KBPD)	Dec -2018
Cadereyta	275	113
Madero	190	0
Minatitlán	285	0
Salamanca	220	75
Salina Cruz	330	151
Tula	315	172
Total	1615	511



Notas:

- ¹⁾ Data includes production volume of assignments and contracts.
- ²⁾ Oil delivered to "Refinación", to "Maquila", to "Canoeira" and to "La Venta" 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.

Source: Pemex Institutional Database

