

# PEMEX EXPLORACIÓN Y PRODUCCIÓN

2004

## Production

Crude oil (Mbd)	3 383
Natural gas (MMpcd)	4 573

**Producing fields** 355

**Producing wells** 5 286

**Offshore platforms** 185

## Pipelines (km)

Crude oil	4 661
Natural gas	7 372

## Proved reserves (as of January 1st, 2005)

Crude oil (MMb)	12 882.2
Gas liquids (MMb)	1 920.5
Natural gas (MMbpce)	2 847.1



## OIL AND GAS RESERVES AND PRODUCTION <sup>a</sup>

million barrels of crude oil equivalent

	1999	2000	2001	2002	2003	2004	2005
<b>Total</b>	<b>57 741.2</b>	<b>58 204.1</b>	<b>56 154.0</b>	<b>52 951.0</b>	<b>50 032.2</b>	<b>48 041.0</b>	<b>46 914.1</b>
Northeastern Marine Region	19 686.7	20 525.2	19 449.9	18 589.2	16 947.0	15 550.6	14 781.6
Southwestern Marine Region	4 482.5	5 341.3	5 202.6	4 837.4	4 575.4	4 421.9	4 488.6
Southern Region	10 712.1	10 034.5	9 584.1	8 481.2	7 720.1	7 183.6	6 837.9
Northern Region	22 859.9	22 303.2	21 917.4	21 043.3	20 789.7	20 884.9	20 806.1
<b>Proved <sup>b</sup></b>	<b>34 179.5</b>	<b>34 103.8</b>	<b>32 614.4</b>	<b>30 837.5</b>	<b>20 077.3</b>	<b>18 895.2</b>	<b>17 649.8</b>
Northeastern Marine Region	13 277.6	13 263.1	12 508.8	11 623.1	10 505.3	9 689.7	8 809.1
Southwestern Marine Region	1 834.1	2 132.8	2 052.4	1 928.7	1 844.6	1 680.5	1 743.6
Southern Region	7 726.3	7 549.1	7 109.7	6 622.3	6 099.1	5 756.3	5 103.1
Northern Region	11 341.5	11 158.8	10 943.5	10 663.3	1 628.2	1 768.6	1 994.0
<b>Probable</b>	<b>12 104.5</b>	<b>12 140.8</b>	<b>12 196.2</b>	<b>11 862.5</b>	<b>16 965.0</b>	<b>16 005.1</b>	<b>15 836.1</b>
Northeastern Marine Region	4 823.6	5 064.7	4 975.7	5 034.6	4 866.5	4 427.5	4 324.9
Southwestern Marine Region	1 039.5	1 097.7	1 143.1	1 139.1	1 230.9	1 192.2	1 191.6
Southern Region	1 388.4	1 287.0	1 444.6	1 237.0	1 042.5	935.1	1 005.2
Northern Region	4 852.9	4 691.4	4 632.8	4 451.8	9 825.0	9 450.2	9 314.4
<b>Possible</b>	<b>11 457.2</b>	<b>11 959.5</b>	<b>11 343.4</b>	<b>10 251.0</b>	<b>12 990.0</b>	<b>13 140.7</b>	<b>13 428.2</b>
Northeastern Marine Region	1 585.5	2 197.4	1 965.5	1 931.4	1 575.2	1 433.4	1 647.6
Southwestern Marine Region	1 608.9	2 110.8	2 007.1	1 769.5	1 499.8	1 549.1	1 553.4
Southern Region	1 597.3	1 198.4	1 029.7	621.9	578.5	492.1	729.6
Northern Region	6 665.5	6 453.0	6 341.1	5 928.2	9 336.5	9 666.1	9 497.7
<b>Memorandum</b>							
<b>Natural gas reserves</b> (billion cubic feet)							
<b>Total</b>	<b>56 183.1</b>	<b>55 507.2</b>	<b>55 515.1</b>	<b>50 648.2</b>	<b>48 796.4</b>	<b>49 008.3</b>	<b>48 649.4</b>
Northeastern Marine Region	3 407.8	4 714.7	4 408.5	4 283.5	3 948.0	3 805.2	3 746.8
Southwestern Marine Region	3 266.7	3 891.1	4 082.5	3 565.2	4 422.0	4 258.6	4 555.1
Southern Region	11 841.8	12 579.6	12 379.7	11 006.7	9 402.8	9 067.1	8 545.6
Northern Region	37 666.6	34 321.7	34 644.4	31 792.7	31 023.6	31 877.5	31 802.0
	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>
<b>Oil and gas production</b> (MMbpce)	1 489.9	1 433.8	1 468.7	1 493.6	1 507.5	1 587.0	1 610.8

a. Beginning of year figures.

b. Since 2003, the definitions of the Securities and Exchange Commission (SEC) of the United States were used in order to evaluate the proved reserves.



## OIL AND GAS RESERVES, 2005 <sup>a</sup>

million barrels of crude oil equivalent

	Crude oil	Gas liquids <sup>b</sup>	Natural gas	Total
<b>Total</b>	<b>33 312.2</b>	<b>4 247.9</b>	<b>9 354.0</b>	<b>46 914.1</b>
Northeastern Marine Region	13 200.9	860.3	720.4	14 781.6
Southwestern Marine Region	2 960.5	652.2	875.8	4 488.6
Southern Region	4 023.4	1 171.3	1 643.1	6 837.9
Northern Region	13 127.4	1 564.0	6 114.7	20 806.1
<b>Proved <sup>c</sup></b>	<b>12 882.2</b>	<b>1 920.5</b>	<b>2 847.1</b>	<b>17 649.8</b>
Northeastern Marine Region	7 678.8	619.2	511.1	8 809.1
Southwestern Marine Region	1 213.6	240.7	289.3	1 743.6
Southern Region	2 941.3	918.9	1 242.9	5 103.1
Northern Region	1 048.5	141.6	803.8	1 994.0
<b>Probable</b>	<b>11 621.2</b>	<b>1 149.1</b>	<b>3 065.8</b>	<b>15 836.1</b>
Northeastern Marine Region	4 004.6	174.4	146.0	4 324.9
Southwestern Marine Region	787.3	161.4	242.8	1 191.6
Southern Region	606.1	155.1	243.9	1 005.2
Northern Region	6 223.2	658.3	2 433.0	9 314.4
<b>Possible</b>	<b>8 808.9</b>	<b>1 178.3</b>	<b>3 441.1</b>	<b>13 428.2</b>
Northeastern Marine Region	1 517.6	66.8	63.3	1 647.6
Southwestern Marine Region	959.6	250.1	343.7	1 553.4
Southern Region	476.0	97.3	156.3	729.6
Northern Region	5 855.7	764.1	2 877.8	9 497.7

### Memorandum

#### Natural gas reserves (billion cubic feet)

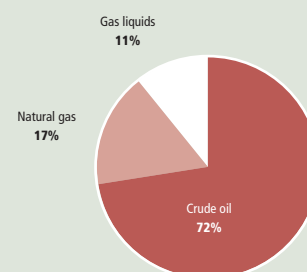
	Proved	Probable	Possible	Total
<b>Total</b>	<b>14 807.5</b>	<b>15 945.0</b>	<b>17 896.9</b>	<b>48 649.4</b>
Northeastern Marine Region	2 658.3	759.6	329.0	3 746.8
Southwestern Marine Region	1 504.7	1 262.8	1 787.6	4 555.1
Southern Region	6 464.0	1 268.6	812.9	8 545.6
Northern Region	4 180.5	12 654.1	14 967.4	31 802.0

a. Beginning of year figures.

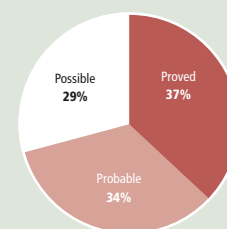
b. Includes condensates.

c. Since 2003, the definitions of the Securities and Exchange Commission (SEC) of the United States were used in order to evaluate the proved reserves.

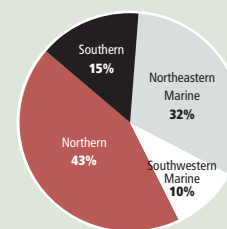
#### By type of fluid



#### By type



#### By region

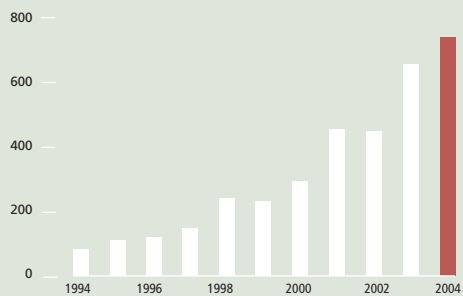


## DRILLING AND PRODUCTION

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Wells drilled <sup>a</sup>	72	104	118	130	233	234	285	449	447	653	733
Wells completed	63	101	114	121	203	234	247	459	459	593	727
Exploratory wells	16	10	10	10	21	22	37	53	55	88	103
Producing wells	6	6	6	7	13	9	21	28	27	53	42
Success rate %	38	60	60	70	62	41	57	53	49	60	41
Development wells	47	91	104	111	182	212	210	406	404	505	624
Producing wells	42	88	97	106	178	193	191	370	355	455	581
Success rate %	91	97	95	96	98	91	95	91	88	90	94
Drilling rigs <sup>b</sup>	27	33	39	48	60	42	43	50	70	101	132
Exploratory wells	12	7	8	13	11	7	12	10	21	35	40
Development wells	15	26	31	36	49	35	31	40	50	66	92
Kilometers drilled	272	375	459	527	728	706	782	1 098	1 186	1 793	2 106
Average depth by well <sup>c</sup> (m)	3 898	3 538	3 730	3 507	3 907	3 062	2 838	2 359	2 478	2 904	2 704
Discovered fields	2	1	1	-	6	5	6	20	18	37	27
Crude oil	2	1	1	-	2	-	1	1	1	13	9
Natural gas	-	-	-	-	4	5	5	19	17	24	18
Producing fields	340	345	347	339	324	313	299	301	309	340	355
Producing wells at end of period <sup>d</sup>	4 555	4 620	4 718	4 663	4 551	4 269	4 184	4 435	4 590	4 941	5 286
Oil and gas production by well (bd)	794	767	818	852	897	920	959	923	900	880	833

- a. Wells that reached their target.  
b. Average drilling rigs.  
c. Average depth of wells drilled to their target.  
d. Since 2000 refers to annual average.

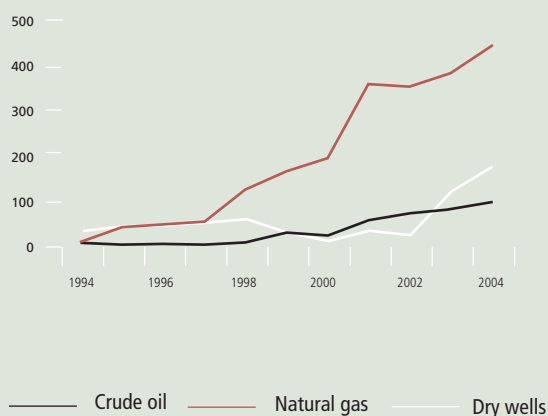
### Wells drilled



## DRILLING

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
<b>Exploratory wells drilled</b>	<b>17</b>	<b>10</b>	<b>11</b>	<b>15</b>	<b>19</b>	<b>28</b>	<b>49</b>	<b>45</b>	<b>58</b>	<b>96</b>	<b>105</b>
Northeastern Marine Region	2	1	2	2	1	-	-	-	-	4	9
Southwestern Marine Region	8	4	4	3	3	2	2	3	11	23	20
Southern Region	4	4	1	4	4	-	5	5	7	9	9
Northern Region	3	1	4	6	11	26	42	37	40	60	67
<b>Development wells drilled</b>	<b>55</b>	<b>94</b>	<b>107</b>	<b>115</b>	<b>214</b>	<b>206</b>	<b>236</b>	<b>404</b>	<b>389</b>	<b>557</b>	<b>628</b>
Northeastern Marine Region	15	15	13	22	38	34	24	13	7	19	31
Southwestern Marine Region	17	19	10	4	5	1	-	-	-	3	16
Southern Region	2	21	35	28	25	8	11	19	21	33	65
Northern Region	21	39	49	61	146	163	201	372	361	502	516
<b>Exploratory wells completed</b>	<b>16</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>21</b>	<b>22</b>	<b>37</b>	<b>53</b>	<b>55</b>	<b>88</b>	<b>103</b>
Northeastern Marine Region	3	1	2	-	3	-	-	-	-	3	7
Southwestern Marine Region	7	5	3	3	4	2	1	4	7	25	21
Southern Region	3	3	3	3	4	1	2	8	5	11	6
Northern Region	3	1	2	4	10	19	34	41	43	49	69
<b>Development wells completed</b>	<b>47</b>	<b>91</b>	<b>104</b>	<b>111</b>	<b>182</b>	<b>212</b>	<b>210</b>	<b>406</b>	<b>404</b>	<b>505</b>	<b>624</b>
Northeastern Marine Region	15	15	11	21	32	29	12	28	14	22	28
Southwestern Marine Region	14	21	10	5	6	1	-	-	-	2	7
Southern Region	2	20	33	30	26	7	12	15	21	30	60
Northern Region	16	35	50	55	118	175	186	363	369	451	529

### Wells completed



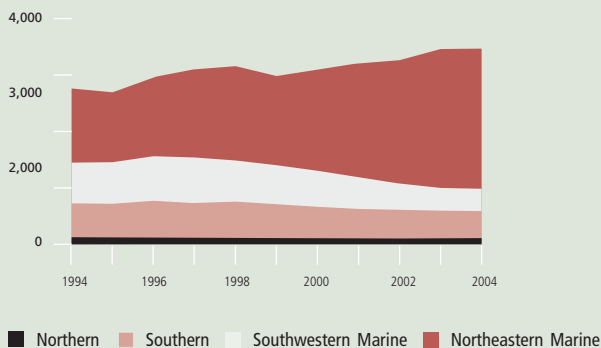
## OIL PRODUCTION BY REGION

thousand barrels daily

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	Change 2004 over 2003 (%)	
	2004											
<b>Total</b>	<b>2 685.1</b>	<b>2 617.2</b>	<b>2 858.3</b>	<b>3 022.2</b>	<b>3 070.5</b>	<b>2 906.0</b>	<b>3 012.0</b>	<b>3 127.0</b>	<b>3 177.1</b>	<b>3 370.9</b>	<b>3 382.9</b>	<b>0.4</b>
<b>Northeastern Marine Region</b>	<b>1 287.9</b>	<b>1 215.9</b>	<b>1 352.6</b>	<b>1 540.2</b>	<b>1 641.5</b>	<b>1 554.3</b>	<b>1 763.2</b>	<b>1 985.8</b>	<b>2 151.6</b>	<b>2 416.3</b>	<b>2 440.8</b>	<b>1.0</b>
Cantarell	1 092.8	1 011.4	1 112.2	1 236.7	1 348.6	1 265.6	1 471.1	1 731.0	1 902.3	2 122.8	2 136.4	0.6
Ku-Maloob-Zaap	195.1	204.5	240.4	303.5	293.0	288.7	292.1	254.8	249.3	293.6	304.4	3.7
<b>Southwestern Marine Region</b>	<b>713.8</b>	<b>721.6</b>	<b>779.5</b>	<b>758.9</b>	<b>715.7</b>	<b>683.5</b>	<b>621.7</b>	<b>554.0</b>	<b>452.2</b>	<b>397.6</b>	<b>388.2</b>	<b>-2.4</b>
Abkatún-Pol-Chuc	711.5	715.6	732.8	680.3	635.5	613.3	557.5	496.8	406.8	359.0	321.8	-10.3
Litoral Tabasco	2.3	6.0	46.7	78.6	80.1	70.2	64.2	57.3	45.4	38.6	66.4	72.0
<b>Southern Region</b>	<b>585.7</b>	<b>584.4</b>	<b>629.9</b>	<b>626.9</b>	<b>620.8</b>	<b>587.2</b>	<b>549.6</b>	<b>508.7</b>	<b>498.4</b>	<b>483.3</b>	<b>472.7</b>	<b>-2.2</b>
Cinco Presidentes	49.7	41.9	40.6	41.5	43.9	39.4	37.3	30.7	34.3	37.3	37.7	1.1
Bellota-Jujo	278.5	283.4	288.0	277.3	252.6	228.5	215.9	197.1	201.8	195.4	212.3	8.7
Macuspana	0.4	0.5	0.4	0.7	1.0	1.1	0.7	0.7	1.6	2.5	4.9	96.9
Muspac	69.4	67.9	72.8	71.2	71.7	67.7	59.7	54.0	48.2	42.2	36.1	-14.4
Samaria-Luna	187.7	190.8	228.1	236.2	251.5	250.4	236.0	226.3	212.3	205.9	181.6	-11.8
<b>Northern Region</b>	<b>97.7</b>	<b>95.3</b>	<b>96.3</b>	<b>96.3</b>	<b>92.4</b>	<b>81.0</b>	<b>77.5</b>	<b>78.5</b>	<b>74.9</b>	<b>73.6</b>	<b>81.2</b>	<b>10.3</b>
Poza Rica-Altamira	93.0	90.9	91.8	92.3	89.1	78.9	75.5	77.0	73.4	72.1	79.5	10.2
Veracruz	4.8	4.4	4.4	4.0	3.3	2.1	1.9	1.6	1.5	1.5	1.7	13.5

## Oil production by region

thousand barrels daily



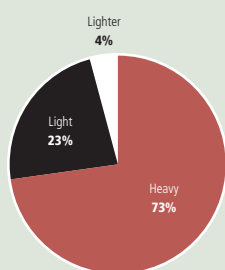
## OIL PRODUCTION BY TYPE AND REGION <sup>a</sup>

thousand barrels daily

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	Change 2004 over 2003	
											2004	(%)
<b>Total</b>	<b>2 685.1</b>	<b>2 617.2</b>	<b>2 858.3</b>	<b>3 022.2</b>	<b>3 070.5</b>	<b>2 906.0</b>	<b>3 012.0</b>	<b>3 127.0</b>	<b>3 177.1</b>	<b>3 370.9</b>	<b>3 382.9</b>	<b>0.4</b>
Heavy oil	1 270.1	1 220.4	1 370.6	1 567.1	1 658.9	1 563.5	1 774.3	1 997.0	2 173.7	2 425.4	2 458.0	1.3
Light oil	890.0	864.1	910.1	881.5	848.5	806.1	733.1	658.7	846.6	810.7	789.6	-2.6
Lighter oil	525.1	532.7	577.7	573.7	563.1	536.4	504.6	471.4	156.9	134.8	135.3	0.4
<b>Northeastern Marine Region</b>	<b>1 287.9</b>	<b>1 215.9</b>	<b>1 352.6</b>	<b>1 540.2</b>	<b>1 641.5</b>	<b>1 554.3</b>	<b>1 763.2</b>	<b>1 985.8</b>	<b>2 151.6</b>	<b>2 416.3</b>	<b>2 440.8</b>	<b>1.0</b>
Heavy oil	1 214.8	1 165.5	1 314.6	1 511.0	1 605.4	1 516.3	1 730.5	1 953.7	2 127.1	2 380.9	2 412.0	1.3
Light oil	73.1	50.3	38.0	29.2	36.1	38.0	32.7	32.1	24.4	35.4	28.8	-18.8
<b>Southwestern Marine Region</b>	<b>713.8</b>	<b>721.6</b>	<b>779.5</b>	<b>758.9</b>	<b>715.7</b>	<b>683.5</b>	<b>621.7</b>	<b>554.0</b>	<b>452.2</b>	<b>397.6</b>	<b>388.2</b>	<b>-2.4</b>
Heavy oil	-	-	-	-	-	-	-	-	-	-	0.3	-
Light oil	713.8	721.6	779.5	758.9	715.7	683.5	621.7	554.0	452.2	397.2	364.2	-8.3
Lighter oil	-	-	-	-	-	-	-	-	-	0.4	23.8	-
<b>Southern Region</b>	<b>585.7</b>	<b>584.4</b>	<b>629.9</b>	<b>626.9</b>	<b>620.8</b>	<b>587.2</b>	<b>549.6</b>	<b>508.7</b>	<b>498.4</b>	<b>483.3</b>	<b>472.7</b>	<b>-2.2</b>
Heavy oil	1.1	1.0	1.0	0.6	0.2	-	-	-	6.2	6.4	7.1	10.6
Light oil	59.5	50.8	51.2	52.6	57.5	50.8	44.9	37.3	335.3	342.4	354.1	3.4
Lighter oil	525.1	532.7	577.7	573.7	563.1	536.4	504.6	471.4	156.9	134.5	111.5	-17.1
<b>Northern Region</b>	<b>97.7</b>	<b>95.3</b>	<b>96.3</b>	<b>96.3</b>	<b>92.4</b>	<b>81.0</b>	<b>77.5</b>	<b>78.5</b>	<b>74.9</b>	<b>73.6</b>	<b>81.2</b>	<b>10.3</b>
Heavy oil	54.1	53.9	55.0	55.5	53.3	47.2	43.7	43.3	40.3	38.0	38.6	1.5
Light oil	43.6	41.4	41.3	40.8	39.1	33.9	33.7	35.2	34.6	35.6	42.6	19.6

a. Since 2004, crude oil type is classified at well; this is taking account from 2002, only for comparative purposes.

### Oil production by type, 2004



## OIL PRODUCTION IN SELECTED FIELDS

thousand barrels daily

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Change 2004 over 2003 (%)
<b>Total</b>	<b>2 685</b>	<b>2 617</b>	<b>2 858</b>	<b>3 022</b>	<b>3 070</b>	<b>2 906</b>	<b>3 012</b>	<b>3 127</b>	<b>3 177</b>	<b>3 371</b>	<b>3 383</b>	<b>0.4</b>
<b>Northeastern Marine Region</b>	<b>1 288</b>	<b>1 216</b>	<b>1 353</b>	<b>1 540</b>	<b>1 642</b>	<b>1 554</b>	<b>1 763</b>	<b>1 986</b>	<b>2 152</b>	<b>2 416</b>	<b>2 441</b>	<b>1.0</b>
Cantarell	961	906	1 030	1 181	1 284	1 211	1 420	1 673	1 851	2 054	2 079	1.2
Ku	148	153	190	234	193	206	205	176	185	197	191	-3.2
Zaap	5	5	5	13	34	27	30	26	21	41	57	39.1
Maloob	35	40	35	49	57	49	50	45	35	50	53	6.7
Chac	59	56	44	27	29	17	18	22	17	20	17	-16.8
Kutz	-	-	-	-	-	-	-	5	9	13	12	-8.5
Others	80	57	48	37	44	45	40	40	32	41	32	-21.5
<b>Southwestern Marine Region</b>	<b>714</b>	<b>722</b>	<b>780</b>	<b>759</b>	<b>716</b>	<b>683</b>	<b>622</b>	<b>554</b>	<b>452</b>	<b>398</b>	<b>388</b>	<b>-2.4</b>
Caan	134	166	166	187	192	185	182	163	133	114	108	-5.7
Chuc	100	112	131	126	121	146	140	118	107	99	93	-5.9
Abkatún	308	247	226	185	153	126	108	103	80	69	54	-21.6
Taratunich	41	64	75	67	58	48	50	43	39	36	33	-8.1
Pol	125	120	127	109	103	104	74	62	42	35	25	-27.2
Others	6	12	54	85	88	75	69	64	51	44	75	68.6
<b>Southern Region</b>	<b>586</b>	<b>584</b>	<b>630</b>	<b>627</b>	<b>621</b>	<b>587</b>	<b>550</b>	<b>509</b>	<b>498</b>	<b>483</b>	<b>473</b>	<b>-2.2</b>
Puerto Ceiba	2	2	2	2	9	10	17	21	38	46	77	66.0
Samaria	57	62	76	75	83	83	83	83	71	73	62	-14.4
Iride	26	28	31	32	37	41	45	43	43	44	46	4.5
Jujo	75	76	75	69	64	63	61	56	56	51	44	-13.3
Cunduacán	10	19	28	29	33	28	24	22	21	23	26	14.8
Tecominoacán	48	45	43	46	38	34	32	29	27	23	20	-16.5
Cárdenas	34	34	36	35	31	27	23	20	16	14	13	-10.1
Sen	34	35	44	51	42	38	30	33	31	21	13	-40.6
Pijije	8	8	7	5	7	5	4	5	9	12	11	-9.0
Jolote	25	25	24	25	24	22	20	16	15	12	11	-5.7
Cactus	9	9	8	9	11	11	11	12	10	12	11	-8.4
Bellota	23	22	21	19	16	13	10	9	10	8	9	11.3
Chinchorro	7	10	13	13	13	10	10	10	9	10	9	-15.7
Yagual	5	6	6	5	4	4	4	4	4	4	6	71.0
Rodador	2	1	2	2	2	3	2	2	3	7	6	-15.6
Others	220	203	214	210	207	195	174	144	136	122	108	-11.1
<b>Northern Region</b>	<b>98</b>	<b>95</b>	<b>96</b>	<b>96</b>	<b>92</b>	<b>81</b>	<b>77</b>	<b>79</b>	<b>75</b>	<b>74</b>	<b>81</b>	<b>10.3</b>
Poza Rica	8	9	9	10	10	9	10	11	10	10	11	12.6
Arenque	7	7	7	7	7	6	6	8	8	9	8	-0.3
Agua Fria	5	4	4	4	5	4	3	2	2	2	7	197.2
Tajín	2	2	2	2	2	2	2	1	1	3	6	69.4
Tamaulipas	8	8	8	8	8	8	8	8	7	5	5	1.9
Constituciones	7	7	8	8	7	7	7	7	6	5	5	-7.1
Others	60	59	59	57	53	45	42	41	40	39	39	-0.2



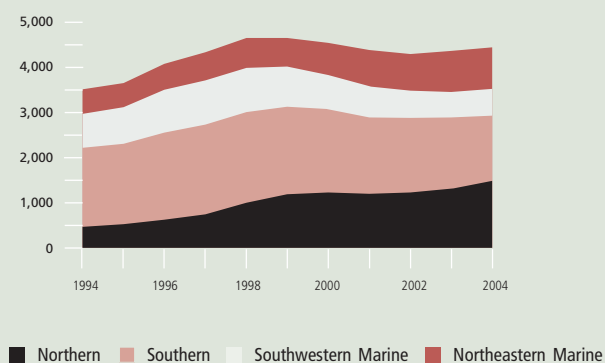
## NATURAL GAS PRODUCTION BY REGION

million cubic feet daily

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Change 2004 over 2003 (%)
<b>Total</b>	<b>3 624.7</b>	<b>3 759.3</b>	<b>4 195.0</b>	<b>4 467.2</b>	<b>4 790.7</b>	<b>4 790.6</b>	<b>4 679.4</b>	<b>4 510.7</b>	<b>4 423.5</b>	<b>4 498.4</b>	<b>4 572.9</b>	<b>1.7</b>
<b>Northeastern Marine Region</b>	<b>562.6</b>	<b>546.9</b>	<b>581.9</b>	<b>639.8</b>	<b>685.9</b>	<b>648.2</b>	<b>737.2</b>	<b>794.2</b>	<b>831.2</b>	<b>940.5</b>	<b>947.5</b>	<b>0.7</b>
Cantarell	462.6	438.3	458.4	490.2	532.3	499.8	567.1	639.7	704.3	786.1	789.1	0.4
Ku-Maloob-Zaap	100.0	108.6	123.5	149.6	153.7	148.4	170.1	154.5	126.8	154.4	158.4	2.6
<b>Southwestern Marine Region</b>	<b>776.0</b>	<b>831.7</b>	<b>980.8</b>	<b>1 008.6</b>	<b>999.9</b>	<b>921.6</b>	<b>819.7</b>	<b>735.6</b>	<b>620.6</b>	<b>581.3</b>	<b>602.6</b>	<b>3.7</b>
Abkatún-Pol-Chuc	773.7	819.1	875.1	824.1	828.5	780.9	692.1	621.0	520.3	494.3	456.1	-7.7
Litoral de Tabasco	2.3	12.5	105.6	184.5	171.5	140.7	127.7	114.6	100.3	87.0	146.5	68.4
<b>Southern Region</b>	<b>1 806.9</b>	<b>1 832.2</b>	<b>1 989.7</b>	<b>2 045.6</b>	<b>2 067.2</b>	<b>1 996.3</b>	<b>1 856.9</b>	<b>1 743.2</b>	<b>1 703.8</b>	<b>1 630.0</b>	<b>1 495.1</b>	<b>-8.3</b>
Cinco Presidentes	77.9	66.7	58.3	60.3	53.8	49.7	47.6	43.9	56.5	58.7	67.8	15.6
Bellota-Jujo	452.2	471.9	498.3	471.8	434.6	369.3	335.6	310.3	292.2	276.6	276.6	0.0
Macuspana	147.1	166.0	187.9	178.9	178.2	159.7	142.0	135.6	132.4	147.5	179.6	21.8
Muspac	689.0	731.1	811.1	870.7	894.5	870.7	804.0	738.4	725.7	686.0	558.1	-18.6
Samaria-Luna	440.7	396.5	434.1	463.8	506.1	546.9	527.8	514.9	497.0	461.2	412.9	-10.5
<b>Northern Region</b>	<b>479.2</b>	<b>548.4</b>	<b>642.6</b>	<b>773.2</b>	<b>1 037.6</b>	<b>1 224.5</b>	<b>1 265.6</b>	<b>1 237.7</b>	<b>1 267.9</b>	<b>1 346.7</b>	<b>1 527.8</b>	<b>13.4</b>
Burgos	238.3	302.0	386.2	486.9	735.3	970.8	1 003.1	989.7	1 006.9	1 030.7	1 094.5	6.2
Veracruz	120.0	127.2	135.0	161.8	175.3	137.6	148.5	135.7	153.9	205.2	313.8	52.9
Poza Rica-Altamira	120.9	119.2	121.4	124.5	127.0	116.1	114.0	112.4	107.1	110.8	119.5	7.8

## Natural gas production by region

million cubic feet daily



## NATURAL GAS PRODUCTION IN SELECTED FIELDS

million cubic feet daily

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Change 2004 over 2003 (%)
<b>Total</b>	<b>3 625</b>	<b>3 759</b>	<b>4 195</b>	<b>4 467</b>	<b>4 791</b>	<b>4 791</b>	<b>4 679</b>	<b>4 511</b>	<b>4 423</b>	<b>4 498</b>	<b>4 573</b>	<b>1.7</b>
<b>Northeastern Marine Region</b>	<b>563</b>	<b>547</b>	<b>582</b>	<b>640</b>	<b>686</b>	<b>648</b>	<b>737</b>	<b>794</b>	<b>831</b>	<b>940</b>	<b>947</b>	<b>0.7</b>
Cantarell	416	396	424	465	505	477	543	610	676	750	759	1.2
Ku	80	87	104	123	99	113	133	123	98	111	101	-9.2
Others	67	64	54	52	82	58	60	61	57	80	88	10.2
<b>Southwestern Marine Region</b>	<b>776</b>	<b>832</b>	<b>981</b>	<b>1 009</b>	<b>1 000</b>	<b>922</b>	<b>820</b>	<b>736</b>	<b>621</b>	<b>581</b>	<b>603</b>	<b>3.7</b>
Caan	233	309	336	337	314	305	278	258	215	206	215	4.5
Chuc	114	121	133	150	174	185	177	148	131	119	95	-20.2
Taratunich	29	51	88	82	89	67	75	67	65	67	66	-1.2
Sinan	-	-	-	-	-	-	-	-	-	1	48	-
Abkatún	270	211	182	134	136	113	82	78	62	56	47	-17.0
Uech	2	7	45	81	85	57	51	45	43	40	37	-7.3
Others	128	133	197	224	201	193	157	139	104	92	94	2.8
<b>Southern Region</b>	<b>1 807</b>	<b>1 832</b>	<b>1 990</b>	<b>2 046</b>	<b>2 067</b>	<b>1 996</b>	<b>1 857</b>	<b>1 743</b>	<b>1 704</b>	<b>1 630</b>	<b>1 495</b>	<b>-8.3</b>
Muspac	198	254	276	255	248	245	216	212	235	215	145	-32.7
Samaria	77	85	102	107	115	113	113	114	94	99	102	3.7
Catedral	8	24	86	132	148	137	134	123	124	128	100	-21.5
Giraldas	117	115	89	110	102	96	96	102	103	96	89	-7.3
Copano	161	149	109	88	86	83	79	86	80	82	78	-3.9
Cunduacán	15	16	25	28	46	62	64	57	51	55	71	29.1
Iride	44	40	39	48	59	66	68	76	74	77	70	-9.3
Puerto Ceiba	1	1	1	1	5	4	11	18	24	29	53	83.5
Jujo	94	93	98	92	88	79	82	81	71	58	45	-21.6
José Colomo <sup>a</sup>	67	86	102	85	78	71	63	60	47	37	36	-4.1
Sen	81	81	109	140	122	106	86	92	91	64	33	-48.4
Pijje	24	20	18	14	14	13	12	14	26	35	32	-7.0
Luna	139	104	87	71	86	119	110	89	85	51	32	-36.0
Tecominoacán	69	67	65	63	49	43	40	37	30	25	31	22.0
Saramako	-	-	-	-	-	-	-	-	2	14	28	96.6
Cárdenas	53	63	72	74	76	65	47	35	31	28	27	-4.6
Cactus	20	20	18	16	19	19	21	22	19	25	26	1.8
Bellota	41	43	45	41	37	30	26	25	28	27	25	-6.1
Others	598	572	649	679	688	646	590	501	489	486	472	-3.0
<b>Northern Region</b>	<b>479</b>	<b>548</b>	<b>643</b>	<b>773</b>	<b>1 038</b>	<b>1 224</b>	<b>1 266</b>	<b>1 238</b>	<b>1 268</b>	<b>1 347</b>	<b>1 528</b>	<b>13.4</b>
Culebra <sup>a</sup>	18	66	86	104	184	292	320	274	219	201	169	-15.9
Cuitláhuac <sup>a</sup>	13	19	21	33	66	103	122	126	109	91	113	24.3
Arcos <sup>a</sup>	-	-	12	87	175	239	199	175	148	141	104	-26.3
Cocuite <sup>a</sup>	6	8	6	8	17	17	18	27	45	90	101	12.9
Vistoso <sup>a</sup>	-	-	-	-	-	-	-	-	-	8	80	893.7
Santa Rosalia <sup>a</sup>	5	4	5	4	4	6	9	24	63	53	63	20.0
Corindón <sup>a</sup>	7	6	6	11	15	23	26	40	59	59	50	-16.2
Arcabuz <sup>a</sup>	6	5	53	76	135	118	93	57	46	33	40	20.5
Torrecillas <sup>a</sup>	0	0	1	0	0	0	1	5	21	34	39	14.0
Velero <sup>a</sup>	3	3	3	2	3	3	2	9	13	22	38	73.2
Arenque	26	23	24	26	26	27	27	28	29	30	32	5.7
Copite <sup>a</sup>	50	43	49	65	63	49	47	35	33	27	29	8.8
Others	347	370	376	356	350	347	402	439	482	557	669	20.0

a. Non associated gas field.

## OIL DISTRIBUTION

thousand barrels daily

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Change 2004 over 2003 (%)
<b>Supply</b>	<b>2 687.3</b>	<b>2 619.3</b>	<b>2 861.0</b>	<b>3 024.9</b>	<b>3 073.0</b>	<b>2 908.7</b>	<b>3 015.0</b>	<b>3 130.3</b>	<b>3 180.0</b>	<b>3 374.5</b>	<b>3 385.0</b>	<b>0.3</b>
Production	2 685.1	2 617.2	2 858.3	3 022.2	3 070.5	2 906.0	3 012.0	3 127.0	3 177.1	3 370.9	3 382.9	0.4
Naphtha and condensates	2.2	2.1	2.7	2.6	2.5	2.6	3.0	3.2	2.9	3.6	2.1	- 41.0
<b>Disposition</b>	<b>2 673.0</b>	<b>2 590.9</b>	<b>2 828.7</b>	<b>2 997.3</b>	<b>3 055.8</b>	<b>2 889.9</b>	<b>2 986.4</b>	<b>3 105.6</b>	<b>3 163.1</b>	<b>3 357.6</b>	<b>3 362.7</b>	<b>0.2</b>
Refineries	1 152.2	1 073.9	1 068.9	1 072.5	1 154.5	1 132.5	1 126.9	1 140.4	1 171.9	1 246.4	1 257.9	0.9
Exports under external processing agreements	-	-	-	-	-	56.7	103.7	62.3	130.4	112.5	97.4	- 13.4
Petrochemical plants	206.1	206.1	207.4	194.3	163.4	149.6	136.0	146.2	144.5	150.4	133.8	- 11.0
Exports	1 314.7	1 310.8	1 552.3	1 730.5	1 738.0	1 551.2	1 619.8	1 756.6	1 716.2	1 848.3	1 873.6	1.4
<b>Pack, stock changes, losses injections, transfers and statistical differences</b>	<b>14.3</b>	<b>28.4</b>	<b>32.3</b>	<b>27.6</b>	<b>17.1</b>	<b>18.8</b>	<b>28.6</b>	<b>24.6</b>	<b>16.8</b>	<b>16.9</b>	<b>22.4</b>	<b>32.2</b>

## NATURAL GAS DISTRIBUTION

million cubic feet daily

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Change 2004 over 2003 (%)
<b>Supply</b>	<b>4 101</b>	<b>4 154</b>	<b>4 716</b>	<b>5 180</b>	<b>5 611</b>	<b>5 532</b>	<b>5 589</b>	<b>5 478</b>	<b>5 472</b>	<b>5 619</b>	<b>5 742</b>	<b>2.2</b>
Production	3 625	3 759	4 195	4 467	4 791	4 791	4 679	4 511	4 423	4 498	4 573	1.7
Sour gas	3 123	3 185	3 531	3 704	3 776	3 567	3 445	3 294	3 164	3 133	2 994	-4.4
Sweet gas	502	574	664	763	1 015	1 223	1 234	1 216	1 260	1 365	1 579	15.7
PGPB	476	394	521	712	820	741	909	967	1 048	1 121	1 169	4.3
<b>Disposition</b>	<b>4 101</b>	<b>4 153</b>	<b>4 716</b>	<b>5 179</b>	<b>5 611</b>	<b>5 532</b>	<b>5 589</b>	<b>5 477</b>	<b>5 472</b>	<b>5 619</b>	<b>5 742</b>	<b>2.2</b>
Own consumption <sup>a</sup>	342	325	364	357	374	398	406	439	443	441	521	18.2
To surrounding	136	214	450	706	765	569	545	425	318	296	180	-39.3
Carbon dioxide (CO <sub>2</sub> )	18	17	47	105	104	102	95	78	52	43	27	-36.5
Natural gas	118	196	403	601	660	468	450	347	266	254	153	-39.8
Net pack	5	13	11	- 1	- 1	6	11	6	10	7	2	-75.4
Carbon dioxide (CO <sub>2</sub> ) injected to deposits	-	-	-	-	-	-	1	9	26	25	31	26.9
Condensation in pipelines and plants	265	280	267	258	283	270	242	271	241	261	233	-10.6
To Pemex Refinación	26	22	21	21	18	17	12	6	22	5	1	-81.1
To PGPB	3 327	3 301	3 602	3 838	4 174	4 271	4 372	4 321	4 411	4 585	4 775	4.1
To pipelines	150	190	277	381	599	750	752	710	697	763	815	6.8
To process plants <sup>b</sup>	3 177	3 110	3 325	3 457	3 575	3 521	3 620	3 611	3 714	3 823	3 960	3.6
Sweetening plants	2 838	2 841	3 037	3 090	3 181	3 074	3 165	3 176	3 208	3 325	3 296	-0.9
Cryogenic plants	340	269	288	367	393	447	455	435	506	498	664	33.5
<b>Statistical difference and measurement errors</b>	...	...	...	...	...	...	...	...	...	...	...	-

a. Includes residual and field gas from Pemex Gas y Petroquímica Básica used in process and reservoir repressuring.

b. Includes gas for pressure boosting purposes.