

PEMEX GAS Y PETROQUÍMICA BÁSICA

2004

Processing

Natural gas (MMpcd)	3 963
Condensates (Mbd)	107

Production

Dry natural gas (MMpcd)	3 144
Natural gas liquids (Mbd)	451
LPG (Mbd)	225

Number of sweetening plants

20

Capacity of:

sour natural gas (MMpcd)	4 503
sour condensates (Mbd)	144

Number of cryogenic plants

17

Capacity (MMpcd)

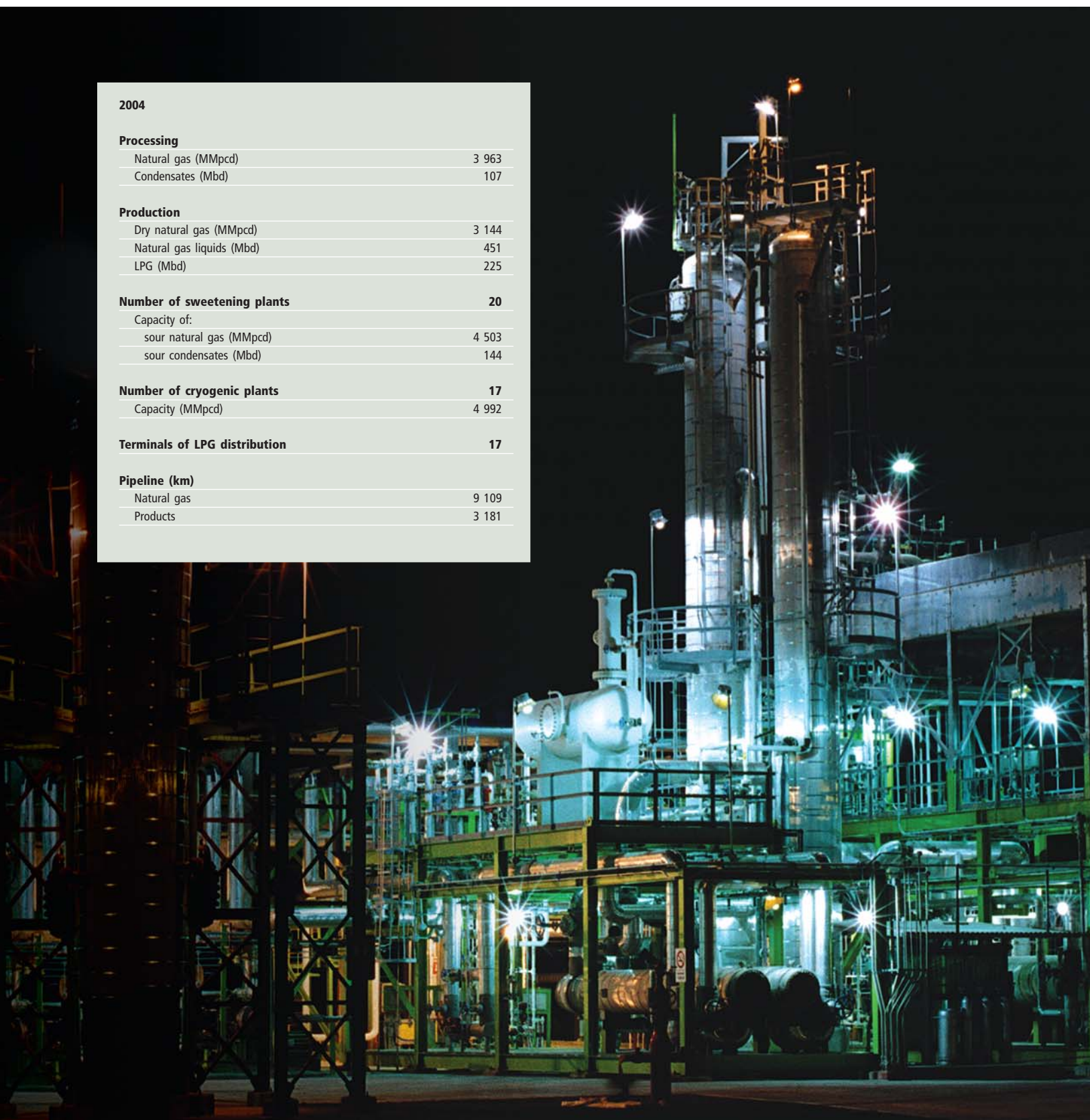
4 992

Terminals of LPG distribution

17

Pipeline (km)

Natural gas	9 109
Products	3 181



PROCESSING CAPACITY

million cubic feet daily

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Sweetening plants											
Sour condensates (Mbd)	120	120	168	192	192	192	192	144	144	144	144
Sour natural gas	3 753	3 553	3 553	3 553	3 753	3 753	3 753	3 923	4 173	4 503	4 503
NGL recovery plants	4 204	4 204	3 384	3 984	4 709	5 034	5 034	5 034	5 034	5 146	5 546
Cryogenics	3 454	3 454	2 634	3 234	3 959	4 559	4 559	4 559	4 559	4 592	4 992
Absorption	750	750	750	750	750	475	475	475	475	554	554
NGL fractionating ^a (Mbd)	450	450	450	450	554	554	554	554	563	569	574

a. Includes liquids recovery plants.

NATURAL GAS PROCESSING AND PRODUCTION

million cubic feet daily

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Change 2004 over 2003 (%)
Processing												
Wet gas	3 189	3 130	3 227	3 338	3 568	3 527	3 691	3 677	3 770	3 853	3 963	2.9
Sour gas	2 837	2 849	3 034	3 088	3 177	3 071	3 220	3 227	3 260	3 360	3 349	-0.3
Sweet gas ^a	352	281	192	250	391	456	471	450	510	492	614	24.8
Gas to NGL extraction	3 381	3 270	3 350	3 389	3 716	3 612	3 710	3 693	3 746	3 829	3 925	2.5
Wet gas	3 053	2 990	3 078	3 191	3 416	3 378	3 536	3 526	3 600	3 689	3 803	3.1
Reprocessing streams ^b	328	280	272	198	300	234	174	166	146	141	123	-12.7
Production (Mbd)												
Dry natural gas ^c (MMpcpd)	2 458	2 376	2 615	2 799	2 816	2 709	2 791	2 804	2 916	3 029	3 144	3.8
Natural gas liquids ^d	471	460	433	400	439	447	445	443	418	428	451	5.4
LPG	201	195	187	177	196	201	204	206	205	212	225	6.1
Ethane	172	162	146	125	145	160	156	147	127	125	133	5.8
Gasolines	77	80	79	84	88	84	85	88	84	86	90	3.9
Others ^e	21	15	16	1	2	1	1	2	2	4	3	-13.2
Sulfur (Mt)	704	719	761	750	739	687	661	684	703	757	759	0.1

a. Includes sweet vapor from condensates.

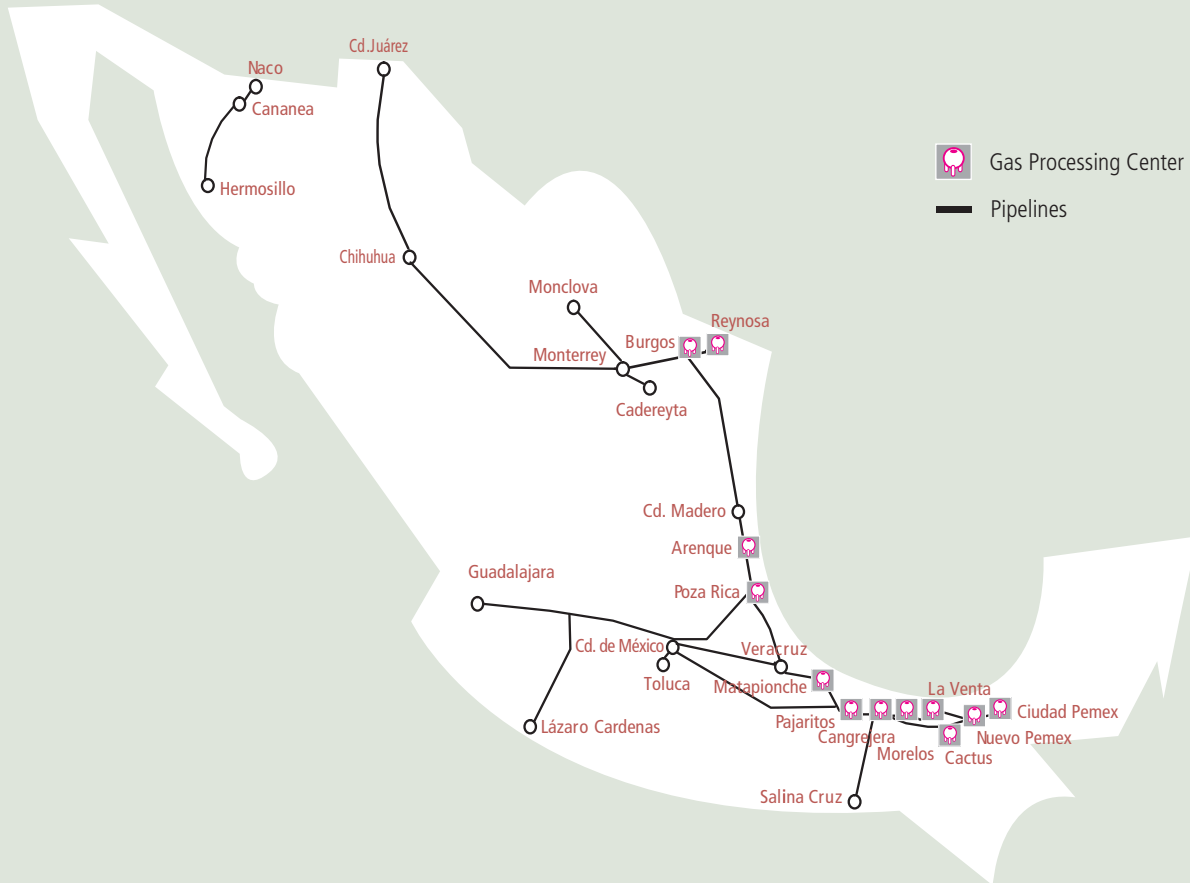
b. Reprocessing pipeline gas at the cryogenic plants located in Pajaritos, Poza Rica, Reynosa and from others process in La Cangrejera.

c. Excludes ethane injected to dry gas pipelines.

d. Includes stabilized condensates, reprocessing streams from La Cangrejera and others streams for fractionating.

e. Heavy products from Reynosa and liquids transferred to Madero Refinery.

Natural gas processing centers and pipelines



DRY NATURAL GAS BALANCE

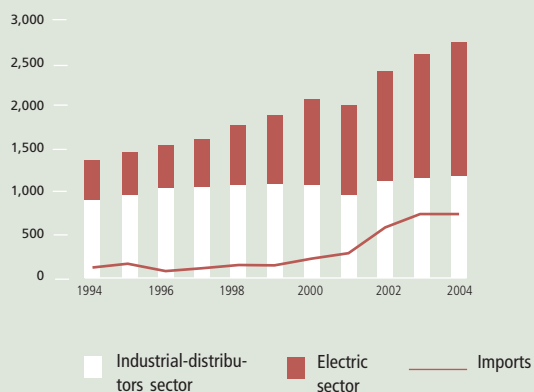
million cubic feet daily

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Supply	2 906	2 891	3 094	3 359	3 674	3 734	3 885	3 921	4 309	4 655	4 836
Production	2 458	2 376	2 615	2 799	2 816	2 709	2 791	2 804	2 916	3 029	3 144
From processing plants	127	109	83	47	94	114	98	101	91	95	108
From producing fields	149	190	277	381	599	750	752	710	697	763	815
Imports	125	173	84	108	145	146	231	292	592	757	766
Others	47	42	36	24	20	14	13	14	13	10	4
Disposition	2 907	2 907	3 099	3 319	3 609	3 653	3 859	3 851	4 299	4 619	4 811
Pemex's consumption	1 518	1 421	1 524	1 663	1 788	1 620	1 775	1 829	1 870	1 993	2 054
Exports	19	21	36	37	32	136	24	25	4	-	-
Domestic sales ^a	1368	1 464	1 541	1 620	1 789	1 899	2 061	1 993	2 425	2 621	2 756
Industrial - distributors sector	903	969	1 049	1 082	1 149	1 194	1 190	984	1 132	1 138	1 185
Electric sector	466	494	492	538	639	705	871	1 010	1 293	1 483	1 572
Pack	1	-	-2	-	-	-1	-1	3	...	5	...
Statistical difference	-1	-16	-5	40	66	80	26	71	10	35	25

a. Measured volumes at 1 Kg/cm² and 20 °C.

Domestic sales and imports of dry natural gas

million cubic feet daily



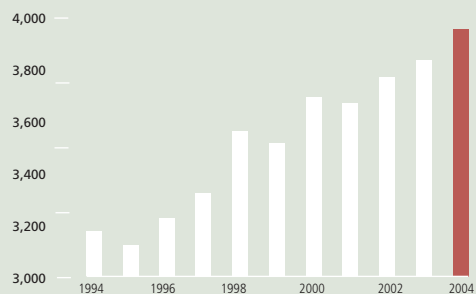
GAS PROCESSING BY CENTER

million cubic feet daily

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Change 2004 over 2003 (%)
Gas processing	3 189	3 130	3 227	3 338	3 568	3 527	3 691	3 677	3 770	3 853	3 963	2.9
Wet sour natural gas processing	2 837	2 849	3 034	3 088	3 177	3 071	3 220	3 227	3 260	3 360	3 349	-0.3
Cactus	1 099	1 144	1 182	1 256	1 394	1 448	1 490	1 550	1 581	1 532	1 431	-6.6
Ciudad Pemex	606	620	709	684	695	674	699	787	785	923	941	2.0
Matapionche	108	108	119	135	135	103	115	96	94	82	81	-0.3
Nuevo Pemex	868	831	884	875	817	734	750	648	676	696	760	9.2
Arenque	-	-	-	-	-	-	-	-	-	-	28	21.2
Poza Rica	156	145	141	138	135	112	166	145	124	100	100	0.8
Wet sweet natural gas processing	352	281	192	250	391	456	471	450	510	492	614	24.7
Ciudad Pemex	130	56	1	34	130	117	135	84	102	64	70	8.6
La Venta	97	83	61	84	86	90	67	61	62	60	65	8.9
Reynosa	106	124	111	118	157	232	254	286	336	356	233	-34.7
Burgos	-	-	-	-	-	-	-	-	-	-	241	-
Nuevo Pemex	18	18	20	14	18	18	16	19	10	12	6	-54.0

Gas processing

million cubic feet daily



DOMESTIC SALES OF DRY NATURAL GAS, LPG AND PETROCHEMICAL PRODUCTS

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Change 2004 over 2003 (%)
million Mexican pesos												
Total ^a	8 347.7	12 103.4	19 630.0	27 058.9	30 051.2	33 688.7	57 028.7	59 207.3	57 281.2	88 917.1	112 978.8	27.1
Dry natural gas	3 478.4	5 191.1	9 999.3	12 553.6	13 203.9	15 557.5	27 594.9	28 914.1	30 313.0	51 189.2	69 195.4	35.2
LPG	4 728.9	6 599.6	9 187.2	14 004.1	16 389.9	17 597.6	28 469.2	29 327.2	26 137.4	36 855.6	42 662.9	15.8
Petrochemicals	140.4	312.8	437.4	491.5	447.8	502.1	836.5	808.7	719.2	864.5	1 106.8	28.0
Hexane	46.3	75.9	119.4	135.7	143.5	121.2	115.1	142.6	134.0	217.6	286.0	31.4
Sulfur	53.7	147.2	162.9	171.1	142.9	148.1	130.6	72.8	110.5	194.2	189.0	-2.7
Carbon black	21.2	56.1	98.7	108.8	90.5	117.5	210.3	120.1	135.7	274.4	371.0	35.2
Pentanes	7.8	13.9	23.3	26.8	22.0	31.6	29.4	2.7	47.4	23.1	46.3	100.7
Heptane	6.0	9.0	14.8	22.9	24.1	23.1	22.3	24.7	20.3	30.1	41.6	37.9
Butane	0.7	1.6	6.7	9.9	11.9	20.7	35.3	39.2	36.5	54.7	69.7	27.4
Propane	1.8	3.8	6.8	10.0	9.2	16.0	25.3	23.3	18.8	27.9	40.8	46.3
Isobutane	3.0	5.4	4.8	6.2	3.7	4.4	7.5	6.3	2.5	0.4	-	-
Solvents	-	-	-	-	-	19.5	260.5	377.0	213.4	42.1	62.4	48.3
Others ^b	-	-	6.1	9.8	9.6	31.5	128.1	157.3	111.6	7.8	13.8	77.3
thousand tonnes												
Dry natural gas (MMpcd)	1 368.4	1 463.9	1 540.8	1 619.8	1 788.8	1 899.1	2 060.8	1 993.3	2 425.1	2 621.4	2 756.3	5.1
LPG (Mbd)	255.3	255.3	265.3	278.3	287.3	311.5	329.7	324.7	331.9	326.9	327.6	0.2
Petrochemicals	610.4	662.8	670.0	690.1	632.2	637.3	750.7	821.1	823.3	792.2	928.6	17.2
Hexane	49.9	44.8	48.4	50.4	48.7	38.9	34.0	41.3	39.7	52.5	52.1	-0.8
Sulfur	389.3	415.8	399.9	407.3	354.5	347.1	347.6	394.5	448.9	470.0	539.4	14.8
Carbon black	138.4	172.7	189.1	195.8	191.6	189.8	197.4	154.4	149.8	208.1	265.8	27.7
Pentanes	17.9	15.8	17.0	15.7	15.7	18.4	10.9	1.4	20.5	6.9	9.4	36.1
Heptane	6.5	5.3	6.0	8.3	8.0	7.2	6.4	7.0	5.8	7.1	7.4	4.7
Butane	1.2	1.2	3.5	5.0	6.7	8.7	9.9	11.4	12.8	13.3	13.2	-1.0
Propane	2.9	3.1	3.6	4.8	5.1	6.7	7.0	6.6	6.8	6.7	7.9	16.9
Isobutane	4.3	4.1	2.4	2.9	1.9	1.8	2.0	1.7	0.8	0.1	-	-
Solvents	-	-	-	-	-	18.6	135.5	202.7	138.1	27.5	33.5	21.8
Others ^b	-	-	3.2	4.8	4.8	11.6	34.3	48.7	38.2	1.5	2.6	71.7

a. Excludes VAT.

b. Includes miscellaneous products.