

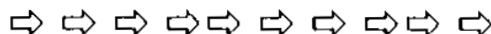
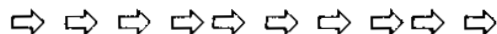


ORGANIZACION
LATINOAMERICANA
DE ENERGIA



AMERICA LATINA Y EL CARIBE	1985- 2010	BALANCE FISICO DE FUENTES Y USOS DEL GAS NATURAL
----------------------------------	---------------	--

Agosto de 1997
QUITO, ECUADOR



LOW SCENARIO: VENEZUELA

	Proven reserves	Reserves increment	Production	R/P	Import - Export	Consump	Unused and losses		B	Import	Export
	10 ⁹ m ³	10 ⁹ m ³	10 ⁶ m ³		10 ⁶ m ³	10 ⁶ m ³	10 ⁶ m ³	-1.7%		10 ⁶ m ³	10 ⁶ m ³
1985-1995	8.9%		5.5%			4.9%		(U+L)/P			
1995-2000	4.0%					4.9%					
2000-2010	4.0%					4.9%					
Aver (85-95)		263									
1985	1,735	908	20,568	84	0	18,923.0	1,645	8.0%	0	0	
1986	2,622	240	24,235	108	0	19,893.0	4,342	17.9%	0	0	
1987	2,839	42	24,870	114	0	20,214.0	4,656	18.7%	0	0	
1988	2,856	163	25,518	112	0	19,971.0	5,547	21.7%	0	0	
1989	2,993	460	24,493	122	0	21,887.0	2,606	10.6%	0	0	
1990	3,429	182	28,521	120	0	24,927.0	3,594	12.6%	0	0	
1991	3,582	98	28,982	124	0	25,001.0	3,981	13.7%	0	0	
1992	3,651	287	28,882	126	0	25,151.0	3,731	12.9%	0	0	
1993	3,909	86	29,962	130	0	26,570.0	3,392	11.3%	0	0	
1994	3,965	151	32,244	123	0	27,585.0	4,659	14.4%	0	0	
1995	4,084	16	35,154	116	0	30,591.0	4,563	13.0%	0	0	
1996	4,065	200	37,338	109	0	33,084.0	4,254	11.4%	0	0	
1997	4,228	208	39,081	108	0	34,705.1	4,376	11.2%	0	0	
1998	4,397	217	40,908	107	0	36,405.7	4,502	11.0%	0	0	
1999	4,573	570	42,821	107	0	38,189.5	4,632	10.8%	0	0	
2000	5,100	249	44,826	114	0	40,060.8	4,765	10.6%	0	0	
2001	5,304	259	46,926	113	0	42,023.8	4,903	10.4%	0	0	
2002	5,516	270	49,127	112	0	44,083.0	5,044	10.3%	0	0	
2003	5,737	281	51,434	112	0	46,243.0	5,191	10.1%	0	0	
2004	5,966	293	53,850	111	0	48,509.0	5,341	9.9%	0	0	
2005	6,205	305	56,382	110	0	50,885.9	5,496	9.7%	0	0	
2006	6,453	317	59,035	109	0	53,379.3	5,656	9.6%	0	0	
2007	6,711	330	61,815	109	0	55,994.9	5,820	9.4%	0	0	
2008	6,980	344	64,729	108	0	58,738.6	5,990	9.3%	0	0	
2009	7,259	358	67,782	107	0	61,616.8	6,165	9.1%	0	0	
2010	7,549	480	70,981	106	0	64,636.1	6,345	8.9%	0	0	

Reserves increment 1997-2010	6.29	Reserves increment		Investment needed	
	2.00	10 ⁹ m ³ /y	10 ⁶ BIs/y	10 ⁶ US\$/y	10 ⁶ US\$
	13	345	2,168	4,336	56,363

LOW SCENARIO: MEXICO

	Proven reserves	Reserves increment	Production	R/P	Import - Export	Consump	Unused and losses		B	Import	Export
	10 ⁹ m ³	10 ⁹ m ³	10 ⁶ m ³		10 ⁹ m ³	10 ⁶ m ³	10 ⁶ m ³	-2.4%		10 ⁶ m ³	10 ⁶ m ³
1985-1995	-1.1%		0.8%		43.2%	1.6%					
1995-2000	-2.2%				2.0%	1.6%				2.0%	
2000-2010	-1.9%				2.5%	1.6%				2.5%	
Aver (85-95)		19									
1985	2,172	31	35,883	61	43	33,122	2,804	7.8%	0	43	0
1986	2,167	13	34,219	63	54	32,090	2,183	6.4%	0	54	0
1987	2,146	8	34,954	61	60	32,671	2,343	6.7%	0	60	0
1988	2,119	-7	34,626	61	65	33,262	1,430	4.1%	0	65	0
1989	2,077	18	35,457	59	471	34,795	1,133	3.2%	0	471	0
1990	2,060	0	35,234	58	449	34,611	1,071	3.0%	0	449	0
1991	2,025	19	34,726	58	1,696	35,266	1,157	3.3%	0	1,696	0
1992	2,009	8	34,188	59	2,594	35,475	1,307	3.8%	0	2,594	0
1993	1,983	26	36,537	54	950	35,839	1,647	4.5%	0	998	49
1994	1,973	2	37,463	53	1,105	37,368	1,201	3.2%	0	1,302	196
1995	1,937	70	38,854	50	1,571	38,710	1,715	4.4%	0	1,788	217
1996	1,968	-4	39,425	50	1,602	39,329	1,699	4.3%	0	1,824	221
1997	1,925	-2	40,006	48	1,634	39,959	1,682	4.2%	0	1,860	226
1998	1,883	-1	40,596	46	1,667	40,598	1,665	4.1%	0	1,897	230
1999	1,842	1	41,196	45	1,701	41,247	1,649	4.0%	0	1,935	235
2000	1,802	8	41,806	43	1,735	41,907	1,633	3.9%	0	1,974	240
2001	1,768	9	42,417	42	1,778	42,578	1,617	3.8%	0	2,024	246
2002	1,735	11	43,038	40	1,822	43,259	1,601	3.7%	0	2,074	252
2003	1,702	12	43,668	39	1,868	43,951	1,585	3.6%	0	2,126	258
2004	1,670	13	44,309	38	1,915	44,654	1,569	3.5%	0	2,179	264
2005	1,639	14	44,960	36	1,962	45,369	1,554	3.5%	0	2,234	271
2006	1,608	15	45,622	35	2,012	46,095	1,539	3.4%	0	2,289	278
2007	1,578	17	46,294	34	2,062	46,832	1,523	3.3%	0	2,347	285
2008	1,549	18	46,977	33	2,113	47,582	1,509	3.2%	0	2,405	292
2009	1,520	19	47,671	32	2,166	48,343	1,494	3.1%	0	2,465	299
2010	1,491	40	48,375	31	2,220	49,117	1,479	3.1%	0	2,527	307

Reserves increment 1997-2010	6.29	Reserves increment		Investment needed	
	2.00	10 ⁹ m ³ /y	10 ⁶ Bls/y	10 ⁸ US\$/y	10 ⁵ US\$
	13	13	84	169	2,156

LOW SCENARIO: ARGENTINA

	Proven reserves	Reserves increment	Production	R/P	Import - Export	Consump	Unused and losses		B	Import	Export
	10 ⁹ m ³	10 ⁹ m ³	10 ⁶ m ³		10 ⁶ m ³	10 ⁶ m ³	10 ⁶ m ³	-3.6%		10 ⁶ m ³	10 ⁶ m ³
1985-1995	-2.8%		1.6%		-0.6%	4.1%					
1995-2000	-3.5%		4.5%			3.5%					
2000-2010	-2.5%		2.7%			3.0%					
Aver (85-95)		8									
1985	681.5	9	20,004	34	2,377	17,492	4,889	24.4%	0	2,377	0
1986	670.8	43	20,155	33	2,349	18,589	3,915	19.4%	0	2,349	0
1987	693.4	100	20,152	34	2,292	19,228	3,216	16.0%	0	2,292	0
1988	773.0	-5	23,812	32	2,403	22,457	3,758	15.8%	0	2,403	0
1989	743.9	-140	24,841	30	2,395	22,987	4,249	17.1%	0	2,395	0
1990	579.0	37	23,627	25	2,193	21,875	3,945	16.7%	0	2,193	0
1991	592.8	-28	24,644	24	2,178	23,513	3,309	13.4%	0	2,178	0
1992	540.4	1	25,041	22	2,127	24,104	3,064	12.2%	0	2,127	0
1993	516.7	36	26,329	20	2,092	25,536	3,045	11.6%	0	2,092	0
1994	526.2	17	27,773	19	2,257	25,538	4,492	16.2%	0	2,257	0
1995	515.5	11	29,000	18	2,053	26,053	5,000	17.2%	0	2,053	0
1996	497.5	13	30,425	16	1,599	26,965	5,059	16.6%	0	1,599	0
1997	480.0	15	31,546	15	1,422	27,909	5,059	16.0%	0	1,532	110
1998	463.2	17	32,843	14	1,123	28,885	5,080	15.5%	0	1,467	345
1999	447.0	19	34,748	13	332	29,896	5,184	14.9%	0	1,406	1,074
2000	431.4	25	36,081	12	53	30,943	5,191	14.4%	0	1,348	1,295
2001	420.6	26	36,794	11	183	31,871	5,106	13.9%	0	1,292	1,110
2002	410.1	27	37,539	11	312	32,827	5,024	13.4%	0	1,239	928
2003	399.8	28	38,031	11	690	33,812	4,909	12.9%	0	1,189	499
2004	389.8	29	39,131	10	566	34,826	4,871	12.4%	0	1,140	574
2005	380.1	31	40,263	9	442	35,871	4,834	12.0%	0	1,094	653
2006	370.6	32	41,429	9	316	36,947	4,797	11.6%	0	1,051	735
2007	361.3	34	43,488	8	-576	38,056	4,857	11.2%	0	1,009	1,585
2008	352.3	36	44,539	8	-544	39,197	4,797	10.8%	0	969	1,514
2009	343.5	37	45,854	7	-718	40,373	4,763	10.4%	0	932	1,649
2010	334.9	45	47,211	7	-896	41,585	4,730	10.0%	0	896	1,792

Reserves increment 1997-2010	6.29	Reserves increment		Investment needed	
	2.00	10 ⁹ m ³ /y	10 ⁶ Bls/y	10 ⁶ US\$/y	10 ⁶ US\$
	13	31	195	389	5,059

LOW SCENARIO: TRINIDAD & TOBAGO

	Proven reserves	Reserves increment	Production	R/P	Import - Export	Consump	Unused and losses		B	Import	Export
	10 ⁹ m ³	10 ⁹ m ³	10 ⁶ m ³		10 ⁶ m ³	10 ⁶ m ³	10 ⁶ m ³	-2.4%		10 ⁶ m ³	10 ⁶ m ³
1985-1995	1.4%		0.5%			5.0%					
1995-2000	1.2%		6.8%			5.0%				0.0%	
2000-2010	1.2%		4.6%			5.0%				0.0%	
Aver (85-95)		23									

Year	Proven reserves	Reserves increment	Production	R/P	Import - Export	Consump	Unused and losses	B	Import	Export
1985	305	0	7,413	41	0	4,078	3,335	45.0%	0	0
1986	297	0	7,585	39	0	4,393	3,192	42.1%	0	0
1987	289	0	7,512	39	0	4,569	2,943	39.2%	0	0
1988	282	-6	7,438	38	0	5,025	2,413	32.4%	0	0
1989	269	-1	7,243	37	0	5,116	2,127	29.4%	0	0
1990	261	-7	6,645	39	0	5,273	1,372	20.6%	0	0
1991	247	0	7,404	33	0	5,703	1,701	23.0%	0	0
1992	240	7	7,414	32	0	5,957	1,457	19.7%	0	0
1993	240	55	7,080	34	0	5,870	1,210	17.1%	0	0
1994	287	71	7,700	37	0	6,573	1,127	14.6%	0	0
1995	351	107	7,762	45	0	6,645	1,117	14.4%	0	0
1996	450	14	9,058	50	0	7,493	1,565	17.3%	0	0
1997	456	15	9,464	48	0	7,868	1,597	16.9%	0	0
1998	461	15	9,890	47	0	8,261	1,629	16.5%	0	0
1999	466	16	10,336	45	0	8,674	1,662	16.1%	0	0
2000	472	16	10,804	44	0	9,108	1,696	15.7%	0	0
2001	478	17	11,295	42	0	9,563	1,732	15.3%	0	0
2002	483	18	11,809	41	0	10,041	1,768	15.0%	0	0
2003	489	18	12,348	40	0	10,543	1,805	14.6%	0	0
2004	495	19	12,913	38	0	11,071	1,843	14.3%	0	0
2005	501	20	13,506	37	0	11,624	1,882	13.9%	0	0
2006	507	20	14,127	36	0	12,205	1,922	13.6%	0	0
2007	513	21	14,778	35	0	12,816	1,963	13.3%	0	0
2008	519	22	15,461	34	0	13,456	2,005	13.0%	0	0
2009	526	22	16,178	32	0	14,129	2,048	12.7%	0	0
2010	532	45	16,928	31	0	14,836	2,093	12.4%	0	0

Reserves increment 1997-2010	6.29	Reserves increment		Investment needed	
	2.00	10 ⁹ m ³ /y	10 ⁶ Bls/y	10 ⁶ US\$/y	10 ⁶ US\$
	13	22	138	275	3,577

LOW SCENARIO: COLOMBIA

	Proven reserves	Reserves increment	Production	R/P	Import - Export	Consump	Unused and losses		B	Import	Export
	10 ⁹ m ³	10 ⁹ m ³	10 ⁶ m ³		10 ⁶ m ³	10 ⁶ m ³	10 ⁶ m ³	-2.9%		10 ⁶ m ³	10 ⁶ m ³
1985-1995	6.9%		0.7%			1.2%					
1995-2000	2.6%					1.5%				0.0%	
2000-2010	3.3%					1.5%				0.0%	
Aver (85-95)		16									
1985	110	5	4,966	22	0	4,371	594	12.0%	0	0	0
1986	110	9	4,888	23	0	4,456	432	8.8%	0	0	0
1987	114	14	4,794	24	0	4,481	314	6.5%	0	0	0
1988	123	1	4,727	26	0	4,495	232	4.9%	0	0	0
1989	120	-1	4,771	25	0	4,296	475	10.0%	0	0	0
1990	113	59	4,935	23	0	4,492	443	9.0%	0	0	0
1991	167	52	4,986	33	0	4,597	388	7.8%	0	0	0
1992	214	-20	4,891	44	0	4,528	363	7.4%	0	0	0
1993	189	30	5,192	36	0	4,735	457	8.8%	0	0	0
1994	214	5	5,128	42	0	4,664	464	9.0%	0	0	0
1995	214	8	5,312	40	0	4,949	364	6.8%	0	0	0
1996	217	11	5,815	37	0	5,372	442	7.6%	0	0	0
1997	223	12	5,888	38	0	5,453	435	7.4%	0	0	0
1998	228	12	5,962	38	0	5,535	428	7.2%	0	0	0
1999	234	12	6,038	39	0	5,618	420	7.0%	0	0	0
2000	240	14	6,115	39	0	5,702	413	6.8%	0	0	0
2001	248	14	6,194	40	0	5,787	406	6.6%	0	0	0
2002	257	15	6,274	41	0	5,874	400	6.4%	0	0	0
2003	265	15	6,356	42	0	5,962	393	6.2%	0	0	0
2004	274	15	6,439	43	0	6,052	387	6.0%	0	0	0
2005	283	16	6,523	43	0	6,143	380	5.8%	0	0	0
2006	292	16	6,609	44	0	6,235	374	5.7%	0	0	0
2007	302	17	6,696	45	0	6,328	368	5.5%	0	0	0
2008	312	17	6,785	46	0	6,423	362	5.3%	0	0	0
2009	322	18	6,876	47	0	6,520	356	5.2%	0	0	0
2010	333	24	6,968	48	0	6,617	351	5.0%	0	0	0

Reserves increment 1997-2010	6.29	Reserves increment		Investment needed	
	2.00	10 ⁹ m ³ /y	10 ⁶ Bls/y	10 ⁶ US\$/y	10 ⁶ US\$
	13	17	105	210	2,727

LOW SCENARIO: PERU

	Proven reserves	Reserves increment	Production	R/P	Import - Export	Consump	Unused and losses		B	Import	Export
	10 ⁹ m ³	10 ⁹ m ³	10 ⁶ m ³		10 ⁶ m ³	10 ⁶ m ³	10 ⁹ m ³	-3.8%		10 ⁸ m ³	10 ⁶ m ³
1985-1995	23.9%					-11.5%					
1995-2000	4.6%					8.0%				0.0%	
2000-2010	3.7%					10.0%				0.0%	
Aver (85-95)		20									
1985	24	-4	1,057	22	0	793	264	25.0%	0	0	0
1986	18	0	1,112	16	0	814	298	26.8%	0	0	0
1987	18	184	1,122	16	0	833	289	25.8%	0	0	0
1988	201	1	1,067	188	0	808	259	24.3%	0	0	0
1989	201	1	971	206	0	636	335	34.5%	0	0	0
1990	201	0	916	219	0	621	295	32.2%	0	0	0
1991	200	0	857	233	0	593	264	30.8%	0	0	0
1992	199	4	1,139	175	0	758	381	33.5%	0	0	0
1993	202	0	402	503	0	326	76	18.9%	0	0	0
1994	202	-1	270	749	0	246	24	8.9%	0	0	0
1995	201	9	258	778	0	235	23	8.9%	0	0	0
1996	210	10	278	756	0	254	24	8.6%	0	0	0
1997	219	10	299	735	0	274	25	8.3%	0	0	0
1998	230	11	322	714	0	296	26	7.9%	0	0	0
1999	240	11	346	694	0	320	26	7.7%	0	0	0
2000	251	10	373	674	0	345	27	7.4%	0	0	0
2001	260	10	678	384	-250	380	48	7.1%	0	0	250
2002	270	11	985	274	-500	418	67	6.8%	0	0	500
2003	280	12	1,562	179	-1,000	460	103	6.6%	0	0	1,000
2004	290	12	1,607	181	-1,000	506	102	6.3%	0	0	1,000
2005	301	13	1,657	182	-1,000	556	101	6.1%	0	0	1,000
2006	312	13	1,712	182	-1,000	612	100	5.9%	0	0	1,000
2007	324	14	1,773	183	-1,000	673	100	5.6%	0	0	1,000
2008	336	14	2,051	164	-1,200	740	111	5.4%	0	0	1,200
2009	348	15	2,125	164	-1,200	814	111	5.2%	0	0	1,200
2010	361	10	2,206	164	-1,200	896	111	5.0%	0	0	1,200

Reserves increment 1997-2010	6.29	Reserves increment		Investment needed	
	2.00	10 ⁹ m ³ /y	10 ⁶ Bls/y	10 ⁶ US\$/y	10 ⁶ US\$
	13	13	81	162	2,104

LOW SCENARIO: BRAZIL

	Proven reserves	Reserves increment	Production	R/P	Import - Export	Consump	Unused and losses		B	Import	Export
	10 ⁹ m ³	10 ⁹ m ³	10 ⁶ m ³		10 ⁶ m ³	10 ⁶ m ³	10 ⁶ m ³	-3.3%		10 ⁶ m ³	10 ⁶ m ³
1985-1995	5.2%					6.0%					
1995-2000	3.5%					4.5%				0.0%	
2000-2010	3.0%					4.0%				0.0%	
Aver (85-95)		13									
1985	93	8	5,140	18	0	3,429	1,711	33.3%	0	0	0
1986	96	15	5,262	18	0	3,908	1,354	25.7%	0	0	0
1987	105	9	5,331	20	0	4,438	893	16.8%	0	0	0
1988	109	13	5,610	19	0	4,589	1,021	18.2%	0	0	0
1989	116	4	5,795	20	0	4,778	1,017	17.5%	0	0	0
1990	115	15	6,087	19	0	4,821	1,266	20.8%	0	0	0
1991	124	19	6,053	20	0	4,916	1,137	18.8%	0	0	0
1992	137	7	6,241	22	0	5,233	1,008	16.2%	0	0	0
1993	137	16	6,738	20	0	5,587	1,151	17.1%	0	0	0
1994	147	15	7,028	21	0	5,781	1,247	17.7%	0	0	0
1995	154	13	7,363	21	0	6,149	1,214	16.5%	0	0	0
1996	160	13	7,645	21	0	6,426	1,219	15.9%	0	0	0
1997	165	14	7,940	21	0	6,715	1,225	15.4%	0	0	0
1998	171	13	6,961	25	1,095	7,017	1,039	14.9%	0	1,095	0
1999	177	13	6,863	26	1,460	7,333	991	14.4%	0	1,460	0
2000	183	13	7,209	25	1,460	7,663	1,006	14.0%	0	1,460	0
2001	189	13	7,104	27	1,825	7,969	959	13.5%	0	1,825	0
2002	194	13	7,434	26	1,825	8,288	971	13.1%	0	1,825	0
2003	200	13	7,359	27	2,190	8,620	930	12.6%	0	2,190	0
2004	206	13	7,302	28	2,555	8,964	892	12.2%	0	2,555	0
2005	212	13	6,847	31	3,285	9,323	809	11.8%	0	3,285	0
2006	219	13	6,826	32	3,650	9,696	781	11.4%	0	3,650	0
2007	225	14	6,823	33	4,015	10,084	755	11.1%	0	4,015	0
2008	232	14	6,839	34	4,380	10,487	732	10.7%	0	4,380	0
2009	239	14	6,873	35	4,745	10,907	711	10.3%	0	4,745	0
2010	246	30	6,926	36	5,110	11,343	693	10.0%	0	5,110	0

Reserves increment 1997-2010	6.29	Reserves increment		Investment needed	
	2.00	10 ⁶ m ³ /y	10 ⁶ Bls/y	10 ⁶ US\$/y	10 ⁶ US\$
	13	16	98	197	2,558

LOW SCENARIO: BOLIVIA

	Proven reserves 10 ⁹ m ³	Reserves increment 10 ⁹ m ³	Production 10 ⁶ m ³	R/P	Import - Export 10 ⁶ m ³	Consump 10 ⁵ m ³	Unused and losses		B	Import 10 ⁶ m ³	Export 10 ⁶ m ³
							10 ⁶ m ³	-4.7%			
1985-1995	-2.0%					4.7%					-4.1%
1995-2000	-1.2%					4.5%				0.0%	
2000-2010	-2.6%					4.0%				0.0%	
Aver (85-95)		3									

1985	134	7	5,114	26	-2,438	665	2,011	39.3%	0	0	2,438
1986	136	10	5,012	27	-2,436	629	1,947	38.8%	0	0	2,436
1987	141	-20	5,023	28	-2,333	788	1,902	37.9%	0	0	2,333
1988	116	7	5,294	22	-2,452	799	2,043	38.6%	0	0	2,452
1989	118	6	5,924	20	-2,477	811	2,636	44.5%	0	0	2,477
1990	118	2	5,914	20	-2,470	892	2,552	43.2%	0	0	2,470
1991	113	11	6,090	19	-2,442	909	2,739	45.0%	0	0	2,442
1992	118	-2	6,191	19	-2,383	1,060	2,748	44.4%	0	0	2,383
1993	111	3	5,900	19	-2,092	1,029	2,779	47.1%	0	0	2,092
1994	108	6	4,365	25	-2,122	1,038	1,205	27.6%	0	0	2,122
1995	110	3	3,850	28	-1,600	1,055	1,195	31.0%	0	0	1,600
1996	108	2	3,735	29	-1,528	1,102	1,105	29.6%	0	0	1,528
1997	107	2	3,636	29	-1,459	1,152	1,025	28.2%	0	0	1,459
1998	106	4	5,048	21	-2,489	1,204	1,356	26.9%	0	0	2,489
1999	104	4	5,441	19	-2,791	1,258	1,392	25.6%	0	0	2,791
2000	103	3	5,350	19	-2,731	1,315	1,304	24.4%	0	0	2,731
2001	100	3	5,739	18	-3,039	1,367	1,333	23.2%	0	0	3,039
2002	98	3	5,659	17	-2,984	1,422	1,253	22.1%	0	0	2,984
2003	95	4	6,052	16	-3,297	1,479	1,277	21.1%	0	0	3,297
2004	93	4	6,446	14	-3,612	1,538	1,295	20.1%	0	0	3,612
2005	90	5	7,290	12	-4,295	1,600	1,396	19.2%	0	0	4,295
2006	88	5	7,679	11	-4,614	1,664	1,401	18.2%	0	0	4,614
2007	86	6	8,069	11	-4,936	1,730	1,403	17.4%	0	0	4,936
2008	84	6	8,460	10	-5,259	1,799	1,402	16.6%	0	0	5,259
2009	81	7	8,854	9	-5,585	1,871	1,398	15.8%	0	0	5,585
2010	79	8	9,249	9	-5,912	1,946	1,391	15.0%	0	0	5,912

Reserves increment 1997-2010	6.29	Reserves increment		Investment needed	
	2.00	10 ⁹ m ³ /y	10 ⁶ Bts/y	10 ⁵ US\$/y	10 ⁶ US\$
	13	5	31	62	805

LOW SCENARIO: CHILE

	Proven reserves	Reserves increment	Production	R/P	Import - Export	Consump	Unused and losses		B	Import	Export
	10 ⁹ m ³	10 ⁹ m ³	10 ⁶ m ³		10 ⁶ m ³	10 ⁶ m ³	10 ⁶ m ³	-1.1%		10 ⁶ m ³	10 ⁶ m ³
1985-1995	-6.2%					6.1%					
1995-2000	0.5%					5.0%					2.0%
2000-2010	-2.5%					4.5%					2.0%
Aver (85-95)		-2									
1985	85	1	1,431	59	0	957	474	33.1%	0	0	0
1986	85	-20	1,199	71	0	879	320	26.7%	0	0	0
1987	64	1	1,145	56	0	854	291	25.4%	0	0	0
1988	64	56	1,390	46	0	1,145	245	17.6%	0	0	0
1989	119	2	1,962	61	0	1,704	258	13.1%	0	0	0
1990	119	2	2,120	56	0	1,792	328	15.5%	0	0	0
1991	119	0	1,772	67	0	1,572	200	11.3%	0	0	0
1992	117	-70	1,999	59	0	1,785	214	10.7%	0	0	0
1993	45	2	1,951	23	0	1,730	221	11.3%	0	0	0
1994	45	2	2,185	21	-85	1,795	305	14.0%	0	0	85
1995	45	2	2,103	21	-68	1,738	297	14.1%	0	0	68
1996	45	2	2,208	20	-71	1,825	312	14.1%	0	0	71
1997	45	2	2,184	21	37	1,916	305	14.0%	0	110	72
1998	45	2	2,020	22	271	2,012	279	13.8%	0	345	74
1999	46	2	1,290	35	999	2,113	176	13.7%	0	1,074	75
2000	46	0	1,157	40	1,218	2,218	156	13.5%	0	1,295	77
2001	45	0	1,497	37	1,281	2,318	160	13.4%	0	1,360	78
2002	44	0	1,238	35	1,348	2,422	164	13.2%	0	1,428	80
2003	43	0	1,281	33	1,417	2,531	167	13.1%	0	1,499	82
2004	41	0	1,326	31	1,491	2,645	171	12.9%	0	1,574	83
2005	40	0	1,372	29	1,568	2,764	175	12.8%	0	1,653	85
2006	39	0	1,419	28	1,649	2,889	179	12.6%	0	1,735	87
2007	38	0	597	64	2,496	3,019	74	12.5%	0	2,585	88
2008	37	0	606	62	2,624	3,155	75	12.3%	0	2,714	90
2009	37	0	614	60	2,758	3,297	75	12.2%	0	2,849	92
2010	36	0	622	57	2,898	3,445	75	12.1%	0	2,992	94

Reserves increment 1997-2010	6.29	Reserves increment		Investment needed	
	2.00	10 ⁹ m ³ /y	10 ⁶ Bts/y	10 ⁶ US\$/y	10 ⁶ US\$
	13	0.5	3	6	84

LOW SCENARIO: ECUADOR

	Proven reserves	Reserves increment	Production	R/P	Import - Export	Consump	Unused and losses		B	Import	Export
	10 ⁹ m ³	10 ⁹ m ³	10 ⁶ m ³		10 ⁶ m ³	10 ⁶ m ³	10 ⁶ m ³	-9.5%		10 ⁶ m ³	10 ⁶ m ³
1985-1995	9.8%					10.8%					
1995-2000	4.6%					8.0%				0.0%	
2000-2010	2.8%					8.0%				0.0%	
Aver (85-95)		2									
1985	9	1	630	15	0	117	513	81.4%	0	0	0
1986	10	4	734	13	0	160	574	78.2%	0	0	0
1987	13	0	460	29	0	103	358	77.7%	0	0	0
1988	13	0	829	15	0	176	652	78.7%	0	0	0
1989	12	0	852	14	0	138	714	83.8%	0	0	0
1990	11	9	913	12	0	232	681	74.6%	0	0	0
1991	20	7	834	23	0	288	547	65.5%	0	0	0
1992	25	1	939	27	0	294	645	68.7%	0	0	0
1993	25	0	1,053	24	0	365	688	65.4%	0	0	0
1994	24	0	997	24	0	346	652	65.4%	0	0	0
1995	24	1	1,012	23	0	326	686	67.8%	0	0	0
1996	23	2	935	25	0	367	569	60.8%	0	0	0
1997	24	2	881	27	0	396	485	55.0%	0	0	0
1998	25	2	852	30	0	428	425	49.8%	0	0	0
1999	26	2	841	31	0	462	379	45.1%	0	0	0
2000	28	2	843	33	0	499	344	40.8%	0	0	0
2001	28	2	855	33	0	539	316	36.9%	0	0	0
2002	29	2	874	33	0	582	292	33.4%	0	0	0
2003	30	2	901	33	0	629	273	30.3%	0	0	0
2004	31	2	935	33	0	679	256	27.4%	0	0	0
2005	32	2	975	33	0	733	242	24.8%	0	0	0
2006	33	2	1,021	32	0	792	229	22.4%	0	0	0
2007	34	2	1,073	31	0	855	218	20.3%	0	0	0
2008	34	2	1,132	30	0	924	208	18.4%	0	0	0
2009	35	2	1,197	30	0	998	199	16.6%	0	0	0
2010	36	2	1,268	29	0	1,077	191	15.1%	0	0	0

Reserves increment 1997-2010	6.29	Reserves increment		Investment needed	
	2.00	10 ⁹ m ³ /y	10 ⁵ Bls/y	10 ⁵ US\$/y	10 ⁵ US\$
	13	2.1	13	26	335

LOW SCENARIO: GUATEMALA

	Proven reserves	Reserves increment	Production	R/P	Import - Export	Consump	Unused and losses		B	Import	Export
	10 ⁹ m ³	10 ⁹ m ³	10 ⁶ m ³		10 ⁶ m ³	10 ⁶ m ³	10 ⁶ m ³	0.0%		10 ⁶ m ³	10 ⁶ m ³
1985-1995	-5.0%		-1.8%								
1995-2000	-1.6%		-1.5%							0.0%	
2000-2010	-1.6%		-1.5%							0.0%	
Aver (85-95)		0									
1985	1.0	0	12.0	83	0	0	12	100.0%	0	0	0
1986	1.0	0	18.0	56	0	0	18	100.0%	0	0	0
1987	1.0	0	13.0	77	0	0	13	100.0%	0	0	0
1988	1.0	0	11.0	91	0	0	11	100.0%	0	0	0
1989	0.6	0	9.0	67	0	0	9	100.0%	0	0	0
1990	0.6	0	9.0	67	0	0	9	100.0%	0	0	0
1991	0.6	0	8.0	75	0	0	8	100.0%	0	0	0
1992	0.6	0	9.0	67	0	0	9	100.0%	0	0	0
1993	0.6	0	10.0	60	0	0	10	100.0%	0	0	0
1994	0.6	0	10.0	60	0	0	10	100.0%	0	0	0
1995	0.6	0	10.0	60	0	0	10	100.0%	0	0	0
1996	0.6	0	9.9	60	0	0	10	100.0%	0	0	0
1997	0.6	0	9.7	60	0	0	10	100.0%	0	0	0
1998	0.6	0	9.6	60	0	0	10	100.0%	0	0	0
1999	0.6	0	9.4	60	0	0	9	100.0%	0	0	0
2000	0.6	0	9.3	60	0	0	9	100.0%	0	0	0
2001	0.5	0	9.1	60	0	0	9	100.0%	0	0	0
2002	0.5	0	9.0	60	0	0	9	100.0%	0	0	0
2003	0.5	0	8.9	60	0	0	9	100.0%	0	0	0
2004	0.5	0	8.7	59	0	0	9	100.0%	0	0	0
2005	0.5	0	8.6	59	0	0	9	100.0%	0	0	0
2006	0.5	0	8.5	59	0	0	8	100.0%	0	0	0
2007	0.5	0	8.3	59	0	0	8	100.0%	0	0	0
2008	0.5	0	8.2	59	0	0	8	100.0%	0	0	0
2009	0.5	0	8.1	59	0	0	8	100.0%	0	0	0
2010	0.5	0	8.0	59	0	0	8	100.0%	0	0	0

Reserves increment 1997-2010	6.29	Reserves increment		Investment needed	
	2.00	10 ⁹ m ³ /y	10 ⁶ Bls/y	10 ⁶ US\$/y	10 ⁶ US\$
	13	0.0	0	0	0

LOW SCENARIO: BARBADOS

	Proven reserves	Reserves increment	Production	R/P	Import - Export	Consump	Unused and losses		B	Import	Export
	10 ⁹ m ³	10 ⁹ m ³	10 ⁶ m ³		10 ⁶ m ³	10 ⁶ m ³	10 ⁶ m ³			10 ⁶ m ³	10 ⁶ m ³
1985-1995	-6.7%					8.8%					
1995-2000	1.6%					-11.9%				0.0%	
2000-2010	2.6%					0.0%				0.0%	
Aver (85-95)		0						-5.0%			
1985	0.2	0	33.2	6	0	19	14	41.9%	0	0	0
1986	0.2	0	34.5	6	0	19	15	43.9%	0	0	0
1987	0.2	0	30.1	7	0	17	13	43.9%	0	0	0
1988	0.2	0	35.3	6	0	50	-14	-40.8%	0	0	0
1989	0.2	0	31.5	6	0	46	-15	-46.4%	0	0	0
1990	0.2	0	33.0	6	0	43	-10	-31.5%	0	0	0
1991	0.2	0	30.3	7	0	24	7	22.3%	0	0	0
1992	0.2	0	30.3	7	0	25	6	18.7%	0	0	0
1993	0.2	0	28.0	7	0	23	5	16.3%	0	0	0
1994	0.2	0	29.0	7	0	48	-19	-65.5%	0	0	0
1995	0.1	0	29.3	3	0	45	-15	-52.8%	0	0	0
1996	0.1	0	28.9	3	0	40	-11	-38.1%	0	0	0
1997	0.1	0	39.0	3	0	35	4	10.0%	0	0	0
1998	0.1	0	34.4	3	0	31	3	10.0%	0	0	0
1999	0.1	0	30.3	3	0	27	3	10.0%	0	0	0
2000	0.1	0	28.2	4	0	24	4	15.0%	0	0	0
2001	0.1	0	28.2	4	0	24	4	15.0%	0	0	0
2002	0.1	0	28.2	4	0	24	4	15.0%	0	0	0
2003	0.1	0	28.2	4	0	24	4	15.0%	0	0	0
2004	0.1	0	28.2	4	0	24	4	15.0%	0	0	0
2005	0.1	0	28.2	4	0	24	4	15.0%	0	0	0
2006	0.1	0	28.2	4	0	24	4	15.0%	0	0	0
2007	0.1	0	28.2	5	0	24	4	15.0%	0	0	0
2008	0.1	0	28.2	5	0	24	4	15.0%	0	0	0
2009	0.1	0	28.2	5	0	24	4	15.0%	0	0	0
2010	0.1	0	28.2	5	0	24	4	15.0%	0	0	0

Reserves increment 1997-2010	6.29	Reserves increment		Investment needed	
	2.00	10 ⁹ m ³ /y	10 ⁶ BIs/y	10 ⁶ US\$/y	10 ⁶ US\$
	13	0.0	0.2	0	5

LOW SCENARIO: CUBA

	Proven reserves	Reserves increment	Production	R/P	Import - Export	Consump	Unused and losses		B	Import	Export
	10 ⁹ m ³	10 ⁹ m ³	10 ⁶ m ³		10 ⁶ m ³	10 ⁶ m ³	10 ⁶ m ³	-1.4%		10 ⁶ m ³	10 ⁶ m ³
1985-1995	2.2%					20.9%					
1995-2000	-0.8%					1.5%				0.0%	
2000-2010	-4.7%					1.0%				0.0%	
Aver (85-95)		0									
1985	0.5	0	7.0	71	0	6	1	14.3%	0	0	0
1986	0.5	0	6.0	83	0	6	0	0.0%	0	0	0
1987	0.5	0	24.0	20	0	24	0	0.0%	0	0	0
1988	0.5	0	22.0	22	0	24	-2	-9.1%	0	0	0
1989	0.5	0	34.0	14	0	34	0	0.0%	0	0	0
1990	0.5	0	36.0	13	0	36	0	0.0%	0	0	0
1991	0.6	0	37.0	15	0	37	0	0.0%	0	0	0
1992	0.7	0	37.0	18	0	37	0	0.0%	0	0	0
1993	0.7	0	38.0	17	0	38	0	0.0%	0	0	0
1994	0.7	0	39.0	17	0	39	0	0.0%	0	0	0
1995	0.6	0	40.0	16	0	40	0	0.0%	0	0	0
1996	0.6	0	40.6	15	0	41	0	0.0%	0	0	0
1997	0.6	0	41.2	15	0	41	0	0.0%	0	0	0
1998	0.6	0	41.8	15	0	42	0	0.0%	0	0	0
1999	0.6	0	42.5	14	0	42	0	0.0%	0	0	0
2000	0.6	0	43.1	14	0	43	0	0.0%	0	0	0
2001	0.6	0	43.5	13	0	44	0	0.0%	0	0	0
2002	0.5	0	44.0	12	0	44	0	0.0%	0	0	0
2003	0.5	0	44.5	12	0	44	0	0.0%	0	0	0
2004	0.5	0	44.9	11	0	45	0	0.0%	0	0	0
2005	0.5	0	45.4	10	0	45	0	0.0%	0	0	0
2006	0.4	0	45.9	10	0	46	0	0.0%	0	0	0
2007	0.4	0	46.3	9	0	46	0	0.0%	0	0	0
2008	0.4	0	46.8	9	0	47	0	0.0%	0	0	0
2009	0.4	0	47.3	8	0	47	0	0.0%	0	0	0
2010	0.4	0	47.8	8	0	48	0	0.0%	0	0	0

Reserves increment 1997-2010	6.29	Reserves increment		Investment needed	
	2.00	10 ⁹ m ³ /y	10 ⁶ Bt\$/y	10 ⁶ US\$/y	10 ⁶ US\$
	13	0.0	0.2	0	4

LOW SCENARIO: AMERICA LATINA Y EL CARIBE

	Proven reserves 10 ⁹ m ³	Reserves increment 10 ⁹ m ³	Production 10 ⁶ m ³	R/P	Import - Export 10 ⁶ m ³	Consump 10 ⁶ m ³	Unused and losses		B	Import 10 ⁶ m ³	Export 10 ⁶ m ³
							10 ⁶ m ³				
1985-1995	3.6%		2.5%								
1995-2000	2.5%		3.4%							0.0%	
2000-2010	2.4%		3.1%							0.0%	
Aver (85-95)		366									

Year	Proven reserves 10 ⁹ m ³	Reserves increment 10 ⁹ m ³	Production 10 ⁶ m ³	R/P	Import - Export 10 ⁶ m ³	Consump 10 ⁶ m ³	Unused and losses 10 ⁶ m ³	%	B	Import 10 ⁶ m ³	Export 10 ⁶ m ³
1985	5,349.6	967	102,257.2	52	-18	83,972.8	18,266.8	17.9%	0	2,420	2,438
1986	6,214.3	315	104,460.0	59	-33	85,836.3	18,590.4	17.8%	0	2,403	2,436
1987	6,424.7	338	105,430.6	61	19	88,219.3	17,230.2	16.3%	0	2,352	2,333
1988	6,656.8	222	110,379.5	60	16	92,801.3	17,594.5	15.9%	0	2,468	2,452
1989	6,768.8	349	112,382.9	60	389	97,227.8	15,544.4	13.8%	0	2,866	2,477
1990	7,005.9	299	114,988.9	61	172	99,614.5	15,546.0	13.5%	0	2,642	2,470
1991	7,190.0	178	116,423.6	62	1,432	102,417.8	15,437.8	13.3%	0	3,874	2,442
1992	7,251.8	225	117,001.5	62	2,338	104,406.4	14,933.2	12.8%	0	4,721	2,383
1993	7,359.5	255	121,219.1	61	950	107,488.2	14,680.7	12.1%	0	3,090	2,141
1994	7,492.8	268	125,231.4	60	1,156	111,020.7	15,366.6	12.3%	0	3,559	2,403
1995	7,635.7	240	130,747.6	58	1,956	116,535.1	16,168.5	12.4%	0	3,841	1,885
1996	7,745.0	265	136,941.4	57	1,602	122,297.4	16,246.5	11.9%	0	3,423	1,820
1997	7,873.4	278	141,014.0	56	1,634	126,422.3	16,226.2	11.5%	0	3,501	1,867
1998	8,010.8	292	145,487.1	55	1,667	130,714.1	16,440.1	11.3%	0	4,805	3,138
1999	8,157.5	651	150,003.8	54	1,701	135,180.1	16,524.2	11.0%	0	5,876	4,175
2000	8,658.1	339	154,644.6	56	1,735	139,827.9	16,551.2	10.7%	0	6,077	4,342
2001	8,842.9	354	159,279.2	56	1,778	144,464.4	16,592.7	10.4%	0	6,500	4,722
2002	9,037.7	369	164,059.4	55	1,822	149,285.3	16,596.5	10.1%	0	6,566	4,743
2003	9,242.8	385	169,075.0	55	1,868	154,298.7	16,644.2	9.8%	0	7,003	5,136
2004	9,458.6	401	174,339.3	54	1,915	159,513.4	16,740.5	9.6%	0	7,448	5,534
2005	9,685.5	418	179,857.8	54	1,962	164,938.4	16,882.0	9.4%	0	8,266	6,303
2006	9,923.9	436	185,562.0	53	2,012	170,583.2	16,990.4	9.2%	0	8,725	6,714
2007	10,174.1	454	191,490.0	53	2,062	176,457.9	17,094.0	8.9%	0	9,955	7,893
2008	10,436.5	473	197,662.2	53	2,113	182,572.9	17,202.7	8.7%	0	10,469	8,355
2009	10,711.6	492	204,105.8	52	2,166	188,939.3	17,332.7	8.5%	0	10,992	8,825
2010	10,999.8	684	210,819.2	52	2,220	195,568.6	17,470.9	8.3%	0	11,525	9,304

Reserves increment 1997-2010	6 29 2 00 13	Reserves increment		Investment needed	
		10 ⁹ m ³ /y	10 ⁶ Bls/y	10 ⁶ US\$/y	10 ⁶ US\$
		463.6	2,916.1	5,832	75,819

EXPORT IMPORT BALANCE FOR 1995

X

1,885

M.

3,841

Import by Export by	Argentina	Brazil	Chile	México	Subtotal Regional (M)	EEUU	Total
Argentina					0		0
Bolivia	1,600				1,600		1,600
Chile	68				68		68
Mexico					0	217	217
Peru					0		0
Regional (X)	1,668	0	0	0	1,668	217	1,885
EEUU				1,788	1,788		1,788
Unknow	385				385		385
Total	2,053	0	0	1,788	3,841	217	4,058

EXPORT IMPORT BALANCE FOR YEAR 2000

X

4,342

M.

6,077

LOW SCENARIO

Import by Export by	Argentina	Brazil	Chile	México	Subtotal Regional (M)	EEUU	Total
Argentina			1,295		1,295		1,295
Bolivia	1,271	1,460			2,731		2,731
Chile	77				77		77
Mexico					0	240	240
Peru			0		0		0
Regional (X)	1,348	1,460	1,295	0	4,103	240	4,342
EEUU				1,974	1,974		1,974
Unknow					0		0
Total	1,348	1,460	1,295	1,974	6,077	240	6,316

EXPORT IMPORT BALANCE FOR YEAR 2010
 LOW SCENARIO

X: 9,304

M: 11,525

Import by Export by	Argentina	Brazil	Chile	México	Subtotal Regional (M)	EEUU	Total
Argentina			1,792		1,792		1,792
Bolivia	802	5,110			5,912		5,912
Chile	94				94		94
Mexico					0	307	307
Peru			1,200		1,200		1,200
Regional (X)	896	5,110	2,992	0	8,998	307	9,304
EEUU				2,527	2,527		2,527
Unknow					0		0
Total	896	5,110	2,992	2,527	11,525	307	11,831

TABLA 1: Balance físico de fuentes y usos

Escenario conservador (Low scenario)

Millones de metros cúbicos

	1985	1995	2000	2010
FUENTES	104,678	134,589	160,677	222,344
Producción	102,257	130,748	154,600	210,819
Importaciones	2,420	3,841	6,077	11,525
USOS	104,678	134,589	160,677	222,344
Consumo	83,973	116,535	139,828	195,569
Exportaciones	2,438	1,885	4,342	9,304
Pérdidas y ajustes	18,267	16,168	16,507	17,471

HIGH SCENARIO: VENEZUELA

	Proven reserves 10 ⁹ m ³	Reserves increment 10 ⁹ m ³	Production 10 ⁸ m ³	R/P	Import - Export 10 ⁶ m ³	Consump 10 ⁶ m ³	Unused and losses	
							10 ⁶ m ³	-1.7%
1985-1995	8.9%		5.5%			4.9%	(U+L)/P	
1995-2000	6.5%		11.3%			5.0%		
2000-2010	5.5%		7.2%			7.0%		

B

Import 10 ⁶ m ³	Export 10 ⁶ m ³
	5.00%

Aver (85-95)

263

Year	Proven reserves 10 ⁹ m ³	Reserves increment 10 ⁹ m ³	Production 10 ⁸ m ³	R/P	Import - Export 10 ⁶ m ³	Consump 10 ⁶ m ³	Unused and losses 10 ⁶ m ³	Unused and losses %	Import 10 ⁶ m ³	Export 10 ⁶ m ³
1985	1,735	908	20,568	84	0	18,923.0	1,645	8.0%	0	0
1986	2,622	240	24,235	108	0	19,893.0	4,342	17.9%	0	0
1987	2,839	42	24,870	114	0	20,214.0	4,656	18.7%	0	0
1988	2,856	163	25,518	112	0	19,971.0	5,547	21.7%	0	0
1989	2,993	460	24,493	122	0	21,887.0	2,606	10.6%	0	0
1990	3,429	182	28,521	120	0	24,927.0	3,594	12.6%	0	0
1991	3,582	98	28,982	124	0	25,001.0	3,981	13.7%	0	0
1992	3,651	287	28,882	126	0	25,151.0	3,731	12.9%	0	0
1993	3,909	86	29,962	130	0	26,570.0	3,392	11.3%	0	0
1994	3,965	151	32,244	123	0	27,585.0	4,659	14.4%	0	0
1995	4,084	16	35,154	116	0	30,591.0	4,563	13.0%	0	0
1996	4,065	302	37,338	109	0	33,084.0	4,254	11.4%	0	0
1997	4,329	321	39,119	111	0	34,738.2	4,380	11.2%	0	0
1998	4,611	341	40,986	112	0	36,475.2	4,511	11.0%	0	0
1999	4,910	362	42,944	114	0	38,299.0	4,645	10.8%	0	0
2000	5,229	385	44,997	116	0	40,214.0	4,783	10.6%	0	0
2001	5,569	410	48,049	116	0	43,029.0	5,020	10.4%	0	0
2002	5,931	439	53,538	111	-2,000	46,041.0	5,497	10.3%	0	2,000
2003	6,317	468	57,129	111	-2,100	49,263.9	5,765	10.1%	0	2,100
2004	6,728	498	60,964	110	-2,205	52,712.4	6,047	9.9%	0	2,205
2005	7,165	531	65,059	110	-2,315	56,402.2	6,342	9.7%	0	2,315
2006	7,631	565	69,433	110	-2,431	60,350.4	6,652	9.6%	0	2,431
2007	8,127	602	74,105	110	-2,553	64,574.9	6,978	9.4%	0	2,553
2008	8,655	642	79,095	109	-2,680	69,095.1	7,319	9.3%	0	2,680
2009	9,217	684	84,424	109	-2,814	73,931.8	7,678	9.1%	0	2,814
2010	9,816	750	90,117	109	-2,955	79,107.0	8,055	8.9%	0	2,955

Reserves increment 1997-2010	6.29 2.00 13	Reserves increment		Investment needed	
		10 ⁹ m ³ /y	10 ⁶ Bls/y	10 ⁶ US\$/y	10 ⁹ US\$
		538	3,386	6,771	88,023

HIGH SCENARIO: MEXICO

	Proven reserves	Reserves increment	Production	R/P	Import - Export	Consump	Unused and losses	
	10 ⁹ m ³	10 ⁹ m ³	10 ⁶ m ³		10 ⁶ m ³	10 ⁶ m ³	10 ⁶ m ³	-2.4%
1985-1995	-1.1%		0.8%		43.2%	1.6%		
1995-2000	-1.0%				1.0%	3.0%		
2000-2010	0.0%				0.5%	3.3%		
Aver (85-95)		22						

B

Import	Export
10 ⁶ m ³	10 ⁶ m ³
	2.5%
	3.9%

1985	2,172	31	35,883	61	43	33,122	2,804	7.8%
1986	2,167	13	34,219	63	54	32,090	2,183	6.4%
1987	2,146	8	34,954	61	60	32,671	2,343	6.7%
1988	2,119	-7	34,626	61	65	33,262	1,430	4.1%
1989	2,077	18	35,457	59	471	34,795	1,133	3.2%
1990	2,060	0	35,234	58	449	34,611	1,071	3.0%
1991	2,025	19	34,726	58	1,696	35,266	1,157	3.3%
1992	2,009	8	34,188	59	2,594	35,475	1,307	3.8%
1993	1,983	26	36,537	54	950	35,839	1,647	4.5%
1994	1,973	2	37,463	53	1,106	37,368	1,201	3.2%
1995	1,937	97	38,854	50	1,571	38,710	1,715	4.4%
1996	1,995	20	40,008	50	1,587	39,871	1,724	4.3%
1997	1,975	21	41,197	48	1,603	41,067	1,732	4.2%
1998	1,956	23	42,421	46	1,619	42,299	1,740	4.1%
1999	1,936	24	43,682	44	1,635	43,568	1,749	4.0%
2000	1,917	45	44,981	43	1,651	44,875	1,757	3.9%
2001	1,917	46	46,447	41	1,659	46,336	1,770	3.8%
2002	1,917	48	47,961	40	1,668	47,844	1,784	3.7%
2003	1,917	50	49,523	39	1,676	49,402	1,797	3.6%
2004	1,917	51	51,136	37	1,684	51,010	1,811	3.5%
2005	1,917	53	52,802	36	1,693	52,670	1,825	3.5%
2006	1,917	55	54,522	35	1,701	54,384	1,839	3.4%
2007	1,917	56	56,297	34	1,710	56,155	1,853	3.3%
2008	1,917	58	58,131	33	1,718	57,982	1,867	3.2%
2009	1,917	60	60,024	32	1,727	59,870	1,881	3.1%
2010	1,917	55	61,978	31	1,736	61,818	1,895	3.1%

0	43	0
0	54	0
0	60	0
0	65	0
0	471	0
0	449	0
0	1,696	0
0	2,594	0
0	998	49
0	1,302	196
0	1,788	217
0	1,833	246
0	1,879	276
0	1,926	307
0	1,974	339
0	2,023	372
0	2,101	442
0	2,182	515
0	2,267	590
0	2,354	670
0	2,445	752
0	2,539	838
0	2,637	928
0	2,739	1,021
0	2,845	1,118
0	2,955	1,219

Reserves increment	6.29	Reserves increment		Investment needed	
	2.00	10 ⁹ m ³ /y	10 ⁶ Bls/y	10 ⁸ US\$/y	10 ⁶ US\$
1997-2010	13	50	312	625	8,120

HIGH SCENARIO: ARGENTINA

	Proven reserves 10 ⁹ m ³	Reserves increment 10 ⁹ m ³	Production 10 ⁶ m ³	R/P	Import - Export 10 ⁶ m ³	Consump 10 ⁶ m ³	Unused and losses	
							10 ⁶ m ³	-3.6%
1985-1995	-2.8%		1.6%		-0.6%	4.1%		
1995-2000	-2.0%		5.6%			4.5%		
2000-2010	0.0%		4.6%			4.8%		

Aver (85-95)

9

B

Import 10 ⁶ m ³	Export 10 ⁶ m ³
-0.6%	

Year	Proven reserves 10 ⁹ m ³	Reserves increment 10 ⁹ m ³	Production 10 ⁶ m ³	R/P	Import - Export 10 ⁶ m ³	Consump 10 ⁶ m ³	Unused and losses 10 ⁶ m ³	Unused and losses %
1985	681.5	9	20,004	34	2,377	17,492	4,889	24.4%
1986	670.8	43	20,155	33	2,349	18,589	3,915	19.4%
1987	693.4	100	20,152	34	2,292	19,228	3,216	16.0%
1988	773.0	-5	23,812	32	2,403	22,457	3,758	15.8%
1989	743.9	-140	24,841	30	2,395	22,987	4,249	17.1%
1990	579.0	37	23,627	25	2,193	21,875	3,945	16.7%
1991	592.8	-28	24,644	24	2,178	23,513	3,309	13.4%
1992	540.4	1	25,041	22	2,127	24,104	3,064	12.2%
1993	516.7	36	26,329	20	2,092	25,376	3,045	11.6%
1994	526.2	17	27,773	19	2,257	25,538	4,492	16.2%
1995	515.5	19	29,000	18	2,053	26,053	5,000	17.2%
1996	505.2	21	30,651	16	1,671	27,225	5,097	16.6%
1997	495.1	22	32,065	15	1,528	28,451	5,142	16.0%
1998	485.2	24	33,751	14	1,200	29,731	5,220	15.5%
1999	475.5	27	36,267	13	211	31,069	5,410	14.9%
2000	466.0	38	38,017	12	-80	32,467	5,470	14.4%
2001	466.0	39	39,179	12	266	34,009	5,437	13.9%
2002	466.0	41	40,726	11	349	35,624	5,450	13.4%
2003	466.0	42	42,369	11	416	37,317	5,469	12.9%
2004	466.0	44	44,284	11	318	39,089	5,513	12.4%
2005	466.0	46	46,304	10	201	40,946	5,559	12.0%
2006	466.0	48	48,490	10	15	42,891	5,615	11.6%
2007	466.0	52	51,602	9	-911	44,928	5,763	11.2%
2008	466.0	54	54,093	9	-1,205	47,062	5,826	10.8%
2009	466.0	57	56,720	8	-1,530	49,298	5,892	10.4%
2010	466.0	50	59,432	8	-1,839	51,639	5,954	10.0%

Import 10 ⁶ m ³	Export 10 ⁶ m ³
2,377	0
2,349	0
2,292	0
2,403	0
2,395	0
2,193	0
2,178	0
2,127	0
2,092	0
2,257	0
2,053	0
1,671	0
1,674	146
1,677	477
1,680	1,468
1,683	1,763
1,686	1,420
1,690	1,341
1,693	1,277
1,697	1,379
1,701	1,500
1,705	1,690
1,709	2,620
1,714	2,919
1,718	3,248
1,723	3,562

Reserves increment 1997-2010	6.29 2.00 13	Reserves increment		Investment needed	
		10 ⁹ m ³ /y	10 ⁶ Bls/y	10 ⁶ US\$/y	10 ⁶ US\$
		45	283	566	7,356

HIGH SCENARIO: COLOMBIA

	Proven reserves	Reserves increment	Production	R/P	Import - Export	Consump	Unused and losses	
	10 ⁹ m ³	10 ⁹ m ³	10 ⁸ m ³		10 ⁶ m ³	10 ⁸ m ³	10 ⁶ m ³	-2.9%
1985-1995	6.9%		0.7%			1.2%		
1995-2000	6.5%					5.8%		
2000-2010	5.5%					7.2%		

Aver (85-95)

16

Year	Proven reserves	Reserves increment	Production	R/P	Import - Export	Consump	Unused and losses	Unused and losses %
1985	110	5	4,966	22	0	4,371	594	12.0%
1986	110	9	4,888	23	0	4,456	432	8.8%
1987	114	14	4,794	24	0	4,481	314	6.5%
1988	123	1	4,727	26	0	4,495	232	4.9%
1989	120	-1	4,771	25	0	4,296	475	10.0%
1990	113	59	4,935	23	0	4,492	443	9.0%
1991	167	52	4,986	33	0	4,597	388	7.8%
1992	214	-20	4,891	44	0	4,528	363	7.4%
1993	189	30	5,192	36	0	4,735	457	8.8%
1994	214	5	5,128	42	0	4,664	464	9.0%
1995	214	8	5,312	40	0	4,949	364	6.8%
1996	217	20	5,815	37	0	5,372	442	7.6%
1997	231	21	6,135	38	0	5,681	453	7.4%
1998	246	22	6,473	38	0	6,008	464	7.2%
1999	262	24	6,830	38	0	6,354	475	7.0%
2000	279	23	7,207	39	0	6,720	487	6.8%
2001	294	24	7,709	38	0	7,203	506	6.6%
2002	311	25	8,246	38	0	7,721	525	6.4%
2003	328	27	8,821	37	0	8,275	546	6.2%
2004	346	28	9,437	37	0	8,870	567	6.0%
2005	365	31	10,627	34	-500	9,507	620	5.8%
2006	385	33	11,332	34	-500	10,191	642	5.7%
2007	406	35	12,352	33	-750	10,923	679	5.5%
2008	428	37	13,160	33	-750	11,708	702	5.3%
2009	452	39	14,026	32	-750	12,549	727	5.2%
2010	477	24	15,217	31	-1,000	13,451	766	5.0%

B

Import	Export
10 ⁶ m ³	10 ⁶ m ³

0.0%
0.0%

0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	500
0	0	500
0	0	750
0	0	750
0	0	750
0	0	1,000

Reserves increment	6.29	Reserves increment		Investment needed	
		10 ⁹ m ³ /y	10 ⁸ Bls/y	10 ⁶ US\$/y	10 ⁶ US\$
		1997-2010	13	30	190

HIGH SCENARIO: BOLIVIA

	Proven reserves	Reserves increment	Production	R/P	Import - Export	Consump	Unused and losses	
	10 ⁹ m ³	10 ⁹ m ³	10 ⁶ m ³		10 ⁵ m ³	10 ⁵ m ³	10 ⁶ m ³	-4.7%
1985-1995	-2.0%					4.7%		
1995-2000	-1.2%					6.2%		
2000-2010	0.0%					6.8%		
Aver (85-95)		3						

B

Import	Export
10 ⁶ m ³	10 ⁶ m ³
	-4.1%
0.0%	
0.0%	

Year	Proven reserves	Reserves increment	Production	R/P	Import - Export	Consump	Unused and losses	Unused and losses %
1985	134	7	5,114	26	-2,438	665	2,011	39.3%
1986	136	10	5,012	27	-2,436	629	1,947	38.8%
1987	141	-20	5,023	28	-2,333	788	1,902	37.9%
1988	116	7	5,294	22	-2,452	799	2,043	38.6%
1989	118	6	5,924	20	-2,477	811	2,636	44.5%
1990	118	2	5,914	20	-2,470	892	2,552	43.2%
1991	113	11	6,090	19	-2,442	909	2,739	45.0%
1992	118	-2	6,191	19	-2,383	1,060	2,748	44.4%
1993	111	3	5,900	19	-2,092	1,029	2,779	47.1%
1994	108	6	4,365	25	-2,122	1,038	1,205	27.6%
1995	110	3	3,850	28	-1,600	1,055	1,195	31.0%
1996	108	3	3,863	28	-1,600	1,120	1,142	29.6%
1997	107	3	3,885	28	-1,600	1,190	1,095	28.2%
1998	106	7	7,907	13	-4,520	1,264	2,123	26.9%
1999	104	7	7,878	13	-4,520	1,342	2,016	25.6%
2000	103	8	7,862	13	-4,520	1,425	1,917	24.4%
2001	103	-8	7,870	13	-4,520	1,521	1,828	23.2%
2002	103	8	7,891	13	-4,520	1,624	1,747	22.1%
2003	103	8	7,925	13	-4,520	1,734	1,672	21.1%
2004	103	8	7,973	13	-4,520	1,851	1,602	20.1%
2005	103	12	11,646	9	-7,440	1,976	2,230	19.2%
2006	103	12	11,680	9	-7,440	2,109	2,131	18.2%
2007	103	12	11,731	9	-7,440	2,251	2,040	17.4%
2008	103	12	11,798	9	-7,440	2,403	1,955	16.6%
2009	103	12	11,881	9	-7,440	2,566	1,876	15.8%
2010	103	12	11,981	9	-7,440	2,739	1,802	15.0%

0	0	2,438
0	0	2,436
0	0	2,333
0	0	2,452
0	0	2,477
0	0	2,470
0	0	2,442
0	0	2,383
0	0	2,092
0	0	2,122
0	0	1,600
0	0	1,600
0	0	1,600
0	0	4,520
0	0	4,520
0	0	4,520
0	0	4,520
0	0	4,520
0	0	7,440
0	0	7,440
0	0	7,440
0	0	7,440
0	0	7,440
0	0	7,440
0	0	7,440

Reserves increment	6.29	Reserves increment		Investment needed	
		10 ⁹ m ³ /y	10 ⁶ Bls/y	10 ⁶ US\$/y	10 ⁶ US\$
1997-2010	13	10	61	122	1,587

HIGH SCENARIO: CHILE

	Proven reserves	Reserves increment	Production	R/P	Import - Export	Consump	Unused and losses	
	10 ⁹ m ³	10 ⁹ m ³	10 ⁶ m ³		10 ⁶ m ³	10 ⁶ m ³	10 ⁶ m ³	-1.1%
1985-1995	-6.2%					6.1%		
1995-2000	0.5%					8.0%		
2000-2010	-2.5%					8.5%		
Aver (85-95)		-2						

B

Import	Export
10 ⁶ m ³	10 ⁶ m ³
	4.0%
	4.0%

Year	Proven reserves	Reserves increment	Production	R/P	Import - Export	Consump	Unused and losses	Unused and losses %
1985	85	1	1,431	59	0	957	474	33.1%
1986	85	-20	1,199	71	0	879	320	26.7%
1987	64	1	1,145	56	0	854	291	25.4%
1988	64	56	1,390	46	0	1,145	245	17.6%
1989	119	2	1,962	61	0	1,704	258	13.1%
1990	119	2	2,120	56	0	1,792	328	15.5%
1991	119	0	1,772	67	0	1,572	200	11.3%
1992	117	-70	1,999	59	0	1,785	214	10.7%
1993	45	2	1,951	23	0	1,730	221	11.3%
1994	45	2	2,185	21	-85	1,795	305	14.0%
1995	45	2	2,103	21	-68	1,738	297	14.1%
1996	45	2	2,208	20	-71	1,825	312	14.1%
1997	45	2	2,207	20	72	1,971	308	14.0%
1998	45	2	2,006	23	400	2,129	277	13.8%
1999	46	1	1,055	43	1,389	2,299	144	13.7%
2000	46	0	928	49	1,680	2,483	125	13.5%
2001	45	0	991	45	1,834	2,693	132	13.4%
2002	44	0	1,059	41	2,001	2,920	140	13.2%
2003	43	0	1,131	38	2,184	3,167	148	13.1%
2004	41	0	1,208	34	2,382	3,435	156	12.9%
2005	40	0	1,291	31	2,599	3,725	165	12.8%
2006	39	0	1,379	29	2,835	4,040	174	12.6%
2007	38	0	651	59	3,811	4,381	81	12.5%
2008	37	0	680	55	4,155	4,751	84	12.3%
2009	37	0	709	52	4,530	5,153	86	12.2%
2010	36	0	795	45	4,889	5,588	96	12.1%

0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	85
0	0	68
0	0	71
0	146	74
0	477	77
0	1,468	80
0	1,763	83
0	1,920	86
0	2,091	90
0	2,277	93
0	2,479	97
0	2,700	101
0	2,940	105
0	3,920	109
0	4,269	114
0	4,648	118
0	5,012	123

Reserves increment	6.29	Reserves increment		Investment needed	
		10 ⁹ m ³ /y	10 ⁶ Bils/y	10 ⁶ US\$/y	10 ⁶ US\$
1997-2010	13	0.4	3	6	72

HIGH SCENARIO:

AMERICA LATINA Y EL CARIBE

	Proven reserves	Reserves increment	Production	R/P	Import - Export	Consump	Unused and losses	
	10 ⁹ m ³	10 ⁹ m ³	10 ⁶ m ³		10 ⁶ m ³	10 ⁶ m ³	10 ⁶ m ³	-1.4%
1985-1995	3.6%	-11.6%	2.5%	1.1%		3.3%	-1.2%	
1995-2000	3.4%	14.8%	5.6%	-2.1%		5.8%	3.2%	
2000-2010	4.7%	5.7%	5.4%	-0.6%		5.5%	2.4%	
Aver (85-95)		370						

B

Import	Export
10 ⁶ m ³	10 ⁶ m ³
0.0%	0.0%

1985	5,349.6	967	102,257.2	52	-18	83,972.8	18,266.8	17.9%	0	2,420	2,438
1986	6,214.3	315	104,460.0	59	-33	85,836.3	18,590.4	17.8%	0	2,403	2,436
1987	6,424.7	338	105,430.6	61	19	88,219.3	17,230.2	16.3%	0	2,352	2,333
1988	6,656.8	222	110,379.5	60	16	92,801.3	17,594.5	15.9%	0	2,468	2,452
1989	6,768.8	349	112,382.9	60	389	97,227.8	15,544.4	13.8%	0	2,866	2,477
1990	7,005.9	299	114,988.9	61	172	99,614.5	15,546.0	13.5%	0	2,642	2,470
1991	7,190.0	178	116,423.6	62	1,432	102,417.8	15,437.8	13.3%	0	3,874	2,442
1992	7,251.8	225	117,001.5	62	2,338	104,406.4	14,933.2	12.8%	0	4,721	2,383
1993	7,359.5	255	121,219.1	61	950	107,488.2	14,680.7	12.1%	0	3,090	2,141
1994	7,492.8	268	125,231.4	60	1,156	111,020.7	15,366.6	12.3%	0	3,559	2,403
1995	7,635.7	282	130,747.6	58	1,956	116,535.1	16,168.5	12.4%	0	3,841	1,885
1996	7,786.7	416	138,135.4	56	1,587	123,334.2	16,387.9	11.9%	0	3,504	1,917
1997	8,064.6	443	145,266.6	56	1,603	130,087.4	16,781.8	11.6%	0	3,698	2,096
1998	8,362.7	473	153,612.3	54	1,619	137,423.2	17,807.8	11.6%	0	6,999	5,381
1999	8,682.4	505	162,107.0	54	1,635	145,424.0	18,317.8	11.3%	0	8,042	6,407
2000	9,025.0	561	171,442.7	53	1,651	154,187.6	18,906.3	11.0%	0	8,389	6,738
2001	9,414.7	594	179,910.6	52	1,659	162,358.9	19,211.1	10.7%	0	8,628	6,968
2002	9,829.2	632	191,166.1	51	-332	171,034.8	19,799.0	10.4%	0	8,883	9,215
2003	10,270.3	670	200,871.6	51	-424	180,251.2	20,196.5	10.1%	0	9,157	9,581
2004	10,739.6	711	211,204.5	51	-521	190,046.8	20,637.1	9.8%	0	9,451	9,971
2005	11,239.1	754	222,361.4	51	-372	200,713.8	21,275.2	9.6%	0	13,436	13,808
2006	11,770.5	800	234,053.2	50	-480	211,797.5	21,776.0	9.3%	0	13,774	14,254
2007	12,336.1	848	246,436.8	50	-593	223,597.1	22,246.9	9.0%	0	15,107	15,700
2008	12,938.0	900	259,693.2	50	-712	236,166.2	22,815.2	8.8%	0	15,562	16,274
2009	13,578.6	956	273,815.8	50	-787	249,612.5	23,416.1	8.6%	0	16,102	16,889
2010	14,260.4	978	288,839.5	49	-919	263,898.9	24,021.3	8.3%	0	16,830	17,749

Reserves increment	6.29 2.00 13	Reserves increment		Investment needed	
		10 ⁹ m ³ /y	10 ⁶ Bls/y	10 ⁶ US\$/y	10 ⁶ US\$
		755.8	4,754.1	9,508	123,608

EXPORT IMPORT BALANCE FOR 1995

X: 1,885 M: 3,841

Import by Export by	Argentina	Brazil	Chile	México	Subtotal Regional (M)	EEUU	Total
Argentina					0		0
Bolivia	1,600				1,600		1,600
Chile	68				68		68
Mexico					0	217	217
Peru					0		0
Regional (X)	1,668	0	0	0	1,668	217	1,885
EEUU				1,788	1,788		1,788
Unknow	385				385		385
Total	2,053	0	0	1,788	3,841	217	4,058

EXPORT IMPORT BALANCE FOR YEAR 2000

X: 6,738 M: 8,389

HIGH SCENARIO

Import by Export by	Argentina	Brazil	Chile	México	Subtotal Regional (M)	EEUU	Total
Venezuela				0	0		0
Argentina			1,763		1,763		1,763
Bolivia	1,600	2,920			4,520		4,520
Chile	83				83		83
Mexico					0	372	372
Peru			0		0		0
Regional (X)	1,683	2,920	1,763	0	6,366	372	6,738
EEUU				2,023	2,023		2,023
Unknow					0		0
Total	1,683	2,920	1,763	2,023	8,389	372	8,761

EXPORT IMPORT BALANCE FOR YEAR 2010
HIGH SCENARIO

X. 17,749 M. 16,830

Import by Export by	Argentina	Brazil	Chile	México	Ecuador	Guatemala	Subtotal Regional (M)	EEUU	Total
Venezuela				2,955			2,955		2,955
Argentina			3,562				3,562		3,562
Bolivia	1,600	5,840					7,440		7,440
Chile	123						123		123
Mexico						300	300	919	1,219
Colombia					1,000		1,000		1,000
Peru			1,450				1,450		1,450
Regional (X)	1,723	5,840	5,012	2,955	1,000	300	16,830	919	17,749
EEUU				0			0		0
Unknow							0		0
Total	1,723	5,840	5,012	2,955	1,000	300	16,830	919	17,749

TABLA 2: Balance fisico de fuentes y usos

Escenario optimista (High scenario)

Millones de metros cúbicos

	1985	1995	2000	2010
FUENTES	104,678	134,589	179,832	305,669
Producción	102,257	130,748	171,443	288,840
Importaciones	2,420	3,841	8,389	16,830
USOS	104,678	134,589	179,832	305,669
Consumo	83,973	116,535	154,188	263,899
Exportaciones	2,438	1,885	6,738	17,749
Pérdidas y ajustes	18,267	16,168	18,906	24,021
1/2(M+X)/FUENTES	2.3%	2.1%	4.2%	5.7%
(M-Regionales)/FUENTES		1.2%	3.5%	5.5%