

UCLA SCSO  
19960814  
01

**CAMARA CHILENA DE LA CONSTRUCCION**

**"ESCENARIOS Y PERSPECTIVAS DEL SECTOR  
CONSTRUCCION PERIODO 1996 - 2000"**

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CAMARA CHILENA DE  
LA CONSTRUCCION  
Centro de Documentación

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Presidente  
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## *El Leasing Habitacional*

- *Nueva alternativa*
  - *Flexible*
  - *Incentiva ahorro*
  - *Sectores sin ahorro previo y/o sin acceso al crédito pero con potencial y capacidad de pago*



## *El Leasing Habitacional*

- *Nuevas instituciones*
  - *Administradoras de cuentas*
  - *Administradoras de Fondos para la Vivienda*
  - *Sociedades inmobiliarias*
  - *Sociedades securitizadoras*
  - *Sociedades de servicios*
- *Nuevos negocios*

Superficie de Viviendas Acumulada en 12 meses (m<sup>2</sup>)

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	RM	País
D'93	139,469	155,666	117,280	333,197	729,054	330,912	306,833	616,889	329,222	251,269	32,206	38,490	3,674,056	7,054,543
E'94	157,275	181,612	119,590	318,813	744,340	341,135	321,502	598,134	322,616	243,970	32,227	16,839	3,450,105	6,848,158
F	157,415	183,173	127,268	327,050	774,404	383,939	330,006	594,564	343,814	244,081	30,339	15,195	3,249,980	6,761,228
M	152,858	178,727	125,302	366,850	795,519	385,807	341,869	612,831	278,123	250,848	28,521	18,555	3,291,421	6,827,231
A	153,759	186,497	120,738	363,239	767,676	403,687	360,343	644,730	280,328	265,483	29,126	33,032	3,141,579	6,750,217
I	154,014	162,736	108,591	344,638	803,025	424,059	343,966	656,618	306,713	268,176	28,293	34,737	3,182,439	6,818,005
	149,825	160,088	107,482	361,490	748,604	416,419	352,212	656,441	334,909	269,851	27,945	34,200	3,094,311	6,713,777
	133,409	189,610	102,101	404,351	716,688	414,286	359,409	607,379	355,499	275,365	25,223	33,713	3,197,564	6,814,597
	127,293	177,113	118,682	358,658	699,393	409,632	356,197	633,506	348,118	284,151	30,523	39,834	3,301,335	6,884,435
	106,578	171,347	108,403	372,215	763,141	418,668	355,397	550,676	345,711	282,762	34,672	49,289	3,125,611	6,684,470
	93,988	165,386	90,778	372,564	741,941	394,896	354,847	592,687	342,187	288,466	33,427	49,951	3,141,188	6,662,306
	82,250	180,628	89,697	384,389	800,162	433,629	366,025	618,273	341,904	278,607	32,847	52,742	3,282,367	6,943,520
	74,770	186,574	93,724	403,730	832,683	426,148	366,689	631,950	332,459	273,209	32,187	51,738	3,343,875	7,049,736
E'95	68,856	157,992	89,549	407,431	785,941	420,382	361,886	662,941	362,882	264,946	31,445	51,173	3,361,588	7,027,012
F	69,056	170,375	80,041	395,949	772,459	381,136	367,390	683,571	361,697	270,858	31,964	50,470	3,511,042	7,146,008
M	79,971	170,388	86,673	358,917	793,049	374,052	365,845	654,479	373,435	264,215	30,287	46,563	3,629,169	7,227,043
A	101,531	171,445	87,333	342,466	843,255	369,422	352,303	623,017	386,858	255,152	30,233	32,303	3,676,564	7,271,882
M	102,595	183,094	83,073	369,914	837,467	353,281	350,940	645,129	377,473	254,971	31,254	31,773	3,527,250	7,148,214
J	128,907	178,681	79,425	367,126	856,877	388,413	370,331	697,085	370,996	255,738	30,603	32,228	3,948,622	7,705,032
J	139,285	149,707	93,576	333,560	911,439	393,200	355,205	704,490	386,482	239,968	33,396	32,433	4,005,711	7,778,452
A	141,110	162,475	78,429	352,511	918,357	405,366	352,187	671,029	399,184	233,124	29,136	25,105	4,120,678	7,888,691
S	151,169	199,618	84,815	352,006	891,632	400,417	355,498	697,955	387,359	224,344	28,145	14,779	4,047,185	7,834,922
O	161,051	190,508	89,342	349,641	896,525	417,534	329,690	685,936	393,286	226,071	28,064	17,545	4,368,242	8,153,435
N	162,522	197,763	89,513	334,471	857,598	373,081	326,652	695,493	377,451	239,736	29,323	15,431	4,265,503	7,964,537
D	149,525	191,121	84,912	312,043	946,811	387,490	324,544	747,184	387,648	236,704	30,037	16,096	4,017,284	7,831,399
E'96	137,441	205,748	86,354	346,152	985,833	404,143	338,065	768,494	355,060	249,825	33,521	17,887	4,325,989	8,254,512
F	153,686	206,536	96,288	393,044	995,234	412,952	312,716	811,284	365,668	244,035	34,281	22,322	4,318,074	8,366,120
M	163,059	198,955	87,770	394,237	1,003,013	408,582	299,109	846,875	362,264	256,071	35,281	21,945	4,187,417	8,264,578
A	130,796	202,746	106,644	397,830	1,038,112	403,520	301,439	892,085	364,162	274,577	33,861	21,949	4,124,189	8,291,910
M	129,196	221,843	100,971	409,593	1,112,951	397,584	330,154	870,865	357,212	268,405	32,167	21,804	4,141,623	8,394,368
J	100,784	222,328	101,364	389,912	1,210,215	367,312	322,589	779,334	343,914	239,754	36,565	22,911	3,734,618	7,871,600

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Número de Viviendas Acumuladas en 12 meses														
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	RM	País
D'93	2,354	2,666	1,893	5,877	10,866	6,592	6,672	10,690	6,497	4,036	767	954	57,519	117,383
E'94	2,542	2,898	1,698	5,520	9,962	6,544	6,502	9,929	6,341	3,613	658	216	49,970	106,393
F	2,413	2,789	1,716	5,448	10,433	7,051	6,914	9,387	5,140	3,568	566	215	48,882	104,522
M	2,195	2,886	1,706	5,899	10,719	7,280	7,503	10,367	5,134	3,773	543	366	48,110	106,481
A	2,492	2,594	1,387	5,947	10,529	7,164	7,471	10,655	5,466	4,026	505	704	46,422	105,362
M	2,398	2,458	1,441	6,009	9,455	7,596	7,749	10,629	6,156	3,930	553	716	45,274	104,364
J	2,319	2,686	1,510	6,538	8,801	7,899	7,666	9,673	6,704	4,031	489	661	47,237	106,214
J	2,069	3,057	1,516	6,654	7,869	8,033	8,219	9,641	6,924	4,312	495	670	47,132	106,591
A	1,691	3,046	1,558	6,777	8,316	7,967	7,645	8,545	6,328	4,596	639	780	46,465	104,353
S	1,568	2,746	1,421	7,316	9,261	7,788	7,032	8,888	6,483	4,864	672	1,100	46,789	105,928
O	1,388	2,733	1,360	6,841	9,337	7,651	8,071	9,939	6,509	5,159	674	1,097	46,942	107,701
N	1,208	3,121	1,362	7,308	10,100	8,006	8,074	9,848	6,456	4,879	626	1,158	43,302	105,448
D	1,560	3,245	1,872	8,193	11,298	8,704	8,672	11,365	6,991	5,040	676	1,164	49,847	118,627
E'95	1,586	2,803	1,769	8,247	11,539	8,475	8,552	11,832	7,347	4,863	678	1,157	50,314	119,162
F	1,584	3,089	1,667	8,028	11,039	7,688	8,559	12,130	7,148	5,068	713	1,152	51,461	119,326
M	1,710	3,204	1,857	7,292	11,388	7,315	8,388	11,655	7,323	4,939	702	1,005	53,635	120,413
A	1,860	3,083	1,868	7,040	12,004	7,282	7,945	10,951	7,190	4,721	687	657	53,703	118,991
M	1,897	3,245	1,727	7,468	12,444	6,881	7,801	11,360	7,008	4,811	722	666	51,078	117,108
J	2,153	3,066	1,669	7,097	12,979	7,793	8,394	12,510	6,710	4,965	717	669	57,346	126,068
J	2,441	2,324	2,012	6,581	13,997	7,750	7,598	12,184	6,858	4,568	804	662	58,977	126,756
A	2,463	2,511	1,704	6,988	14,044	7,976	7,489	11,663	7,272	4,265	680	511	57,701	125,267
S	2,513	3,103	2,015	6,826	13,304	7,797	7,799	12,705	6,916	3,929	663	222	56,570	124,362
O	2,658	2,976	2,104	6,753	13,198	8,055	7,190	12,103	6,999	3,680	669	252	61,910	128,547
N	2,677	3,370	2,188	6,445	12,381	7,133	6,955	11,932	6,810	3,971	692	186	61,911	126,651
D	2,338	3,314	1,741	5,894	14,072	7,292	6,903	13,070	7,059	4,166	681	210	58,061	124,801
E'96	2,118	3,639	1,790	6,656	14,903	7,590	7,169	13,705	6,627	4,470	770	220	63,008	132,665
F	2,377	3,665	1,985	7,728	15,073	7,782	6,586	14,581	6,629	4,290	779	418	63,670	135,563
M	2,457	3,447	1,776	7,622	15,157	7,802	6,349	15,192	6,432	4,619	808	415	61,050	133,126
A	2,016	3,451	2,185	7,673	15,370	7,597	6,457	16,155	6,382	4,873	801	414	59,701	133,075
M	1,979	3,756	2,115	8,336	16,497	7,426	7,084	15,386	6,144	4,907	763	423	58,994	133,810
J	1,581	3,774	2,086	7,962	17,770	6,521	6,784	13,671	5,910	4,264	883	439	52,508	124,153

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# EDIFICACION APROBADA EN EL GRAN SANTIAGO

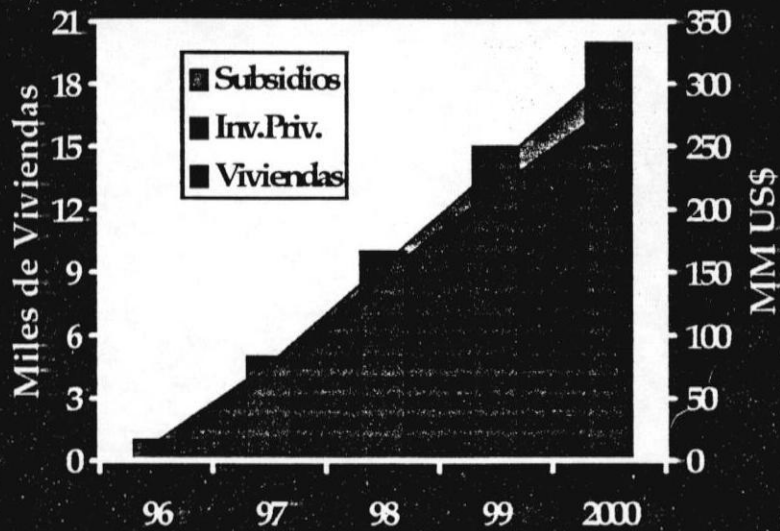
## PERMISOS AUTORIZADOS POR COMUNAS (\*)

Periodo del 01 de Enero al 24 de Julio

COMUNA Y GRUPO	N° de Viviendas					Superficie (m²)				
	92	93	94	95	96	92	93	94	95	96
La Reina (#)	204	266	160	147	117	27,130	30,998	18,177	16,913	15,690
Las Condes	2,600	2,154	1,620	2,153	1,199	407,167	354,977	258,800	271,619	211,232
Lo Barnechea	261	350	151	147	208	57,559	78,611	30,599	34,732	50,406
Providencia	1,251	1,720	654	871	1,086	144,172	186,637	59,529	77,956	111,709
Vitacura	438	457	305	758	210	94,356	79,194	76,541	150,249	49,592
Nuñoa (#)	548	876	1,095	1,135	638	40,945	75,946	96,989	98,293	47,067
Peñalolén (#)	1,112	838	553	332	638	60,451	60,463	44,027	33,086	45,049
San Miguel (#)	68	200	231	296	406	4,337	17,129	20,052	23,437	34,074
Santiago (#)	464	431	362	2,829	845	29,670	39,497	26,649	196,653	65,285
Estac. Central	3	7	246	2	92	174	459	15,924	215	7,245
La Cisterna	5	105	35	200	53	206	5,655	2,650	13,951	3,655
La Florida	1,173	1,028	2,133	835	1,973	71,991	70,793	113,565	59,676	147,395
Macul (#)	44	365	55	26	-	2,907	20,933	1,714	2,109	813
Maipú	4,857	11,734	4,256	6,576	3,759	225,265	542,468	212,576	358,948	199,743
Puente Alto	3,608	1,612	5,259	8,993	9,086	167,579	87,717	261,926	424,080	455,596
Quilicura (#)	240	3,017	1,949	227	2,685	11,893	128,971	84,148	14,739	144,469
San Bernardo	202	1,550	301	993	2,295	16,473	72,720	19,863	51,027	98,933
Cerro Navia	23	90	89	5	11	793	3,345	3,038	307	308
El Bosque	309	57	418	162	2	12,727	3,151	17,769	7,014	46
Huechuraba	155	325	47	16	137	6,301	14,828	4,206	3,136	17,474
La Granja	7	603	39	21	53	470	24,681	1,729	929	2,462
La Pintana	2	501	891	1,070	498	62	19,387	37,195	44,229	21,209
Lo Espejo	170	757	2	2	0	7,075	31,350	73	110	0
Lo Prado	147	129	264	4	3	6,102	5,201	11,331	149	236
Pudahuel	3,159	793	969	7,452	282	137,809	40,133	57,091	587,529	25,890
Renca	93	97	68	11	6	6,267	3,853	3,042	629	314
San Ramón	11	20	14	20	6	644	565	626	683	283
Cerrillos	162	16	59	4	136	9,761	863	3,202	280	9,104
Conchalí	7	27	61	13	121	331	1,067	2,768	737	7,743
Independencia (#)	2	6	21	77	1	363	619	1,629	6,980	41
Pedro A. Cerda	4	0	0	1	170	167	0	0	28	11,067
Quinta Normal	4	8	8	10	154	374	539	435	577	7,293
Recoleta (#)	4	24	62	9	754	368	1,064	5,841	335	39,474
San Joaquín (#)	9	19	54	-	8	470	677	2,547	347	591
<b>TOTAL</b>	<b>21,346</b>	<b>30,182</b>	<b>22,431</b>	<b>35,404</b>	<b>27,639</b>	<b>1,552,359</b>	<b>2,004,491</b>	<b>1,496,251</b>	<b>2,481,682</b>	<b>1,831,488</b>
GRUPO DE COMUNAS	N° de Viviendas					Superficie (m²)				
	92	93	94	95	96	92	93	94	95	96
1	4,754	4,947	2,890	4,076	2,820	730,384	730,417	443,646	551,469	438,629
2	2,192	2,345	2,241	4,592	2,527	135,403	193,035	187,717	351,469	191,475
3	6,082	13,239	6,725	7,639	5,884	300,543	640,308	346,429	434,899	358,851
4	4,050	6,179	7,509	10,213	14,066	195,945	289,408	365,937	489,846	698,998
5	4,076	3,372	2,801	8,763	998	178,250	146,494	136,100	644,715	68,222
6	192	100	265	121	1,344	11,834	4,829	16,422	9,284	75,313
<b>TOTAL</b>	<b>21,346</b>	<b>30,182</b>	<b>22,431</b>	<b>35,404</b>	<b>27,639</b>	<b>1,552,359</b>	<b>2,004,491</b>	<b>1,496,251</b>	<b>2,481,682</b>	<b>1,831,488</b>
(*)	No incluye Viviendas Progresivas de I Etapa ni Casetas Sanitarias									
(#)	La información de estas Comunas corresponde sólo hasta el 30 de Junio.									
En Verde	Cifras que suben respecto del año anterior.									



## Leasing Habitacional

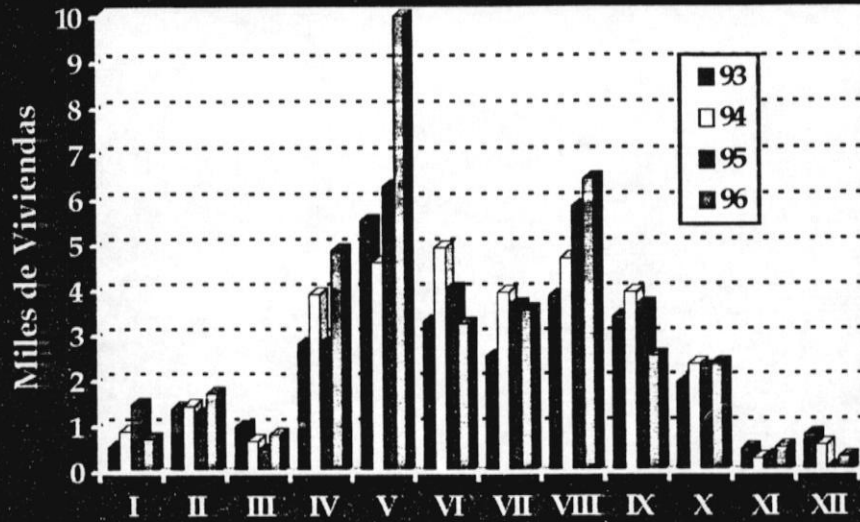


## El futuro habitacional

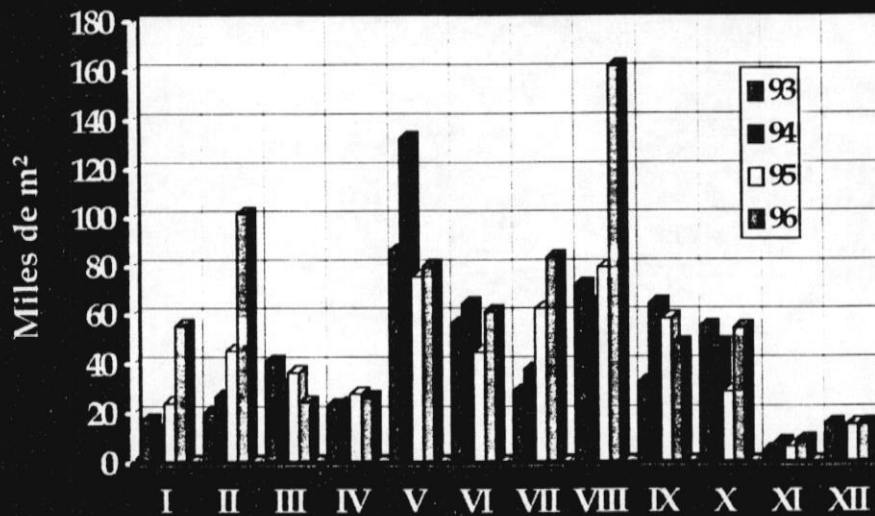
- *Nuevo enfoque de subsidiariedad*
  - *Mayor responsabilidad privada*
- *Movilidad habitacional*
  - *Mercado secundario viviendas sociales*



## Permisos de Vivienda por Región Período Ene-Jun de c/año



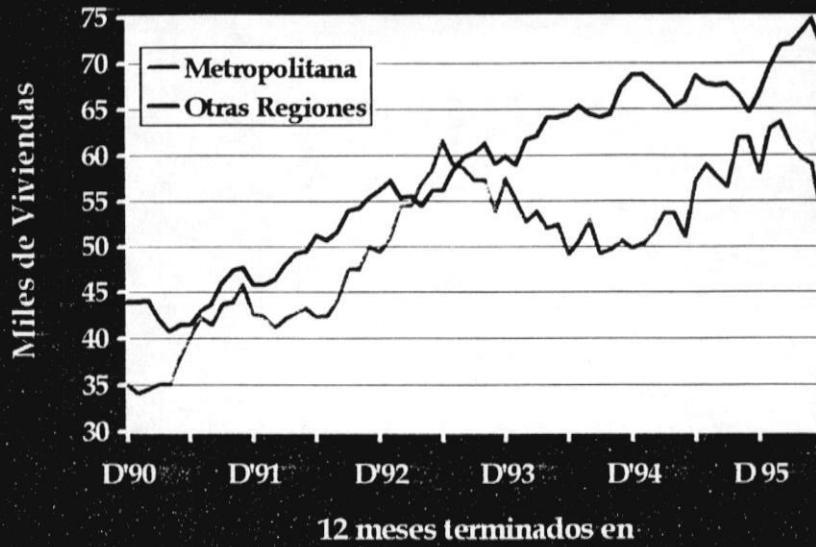
## Edificación Industrial (Ene-Jun)



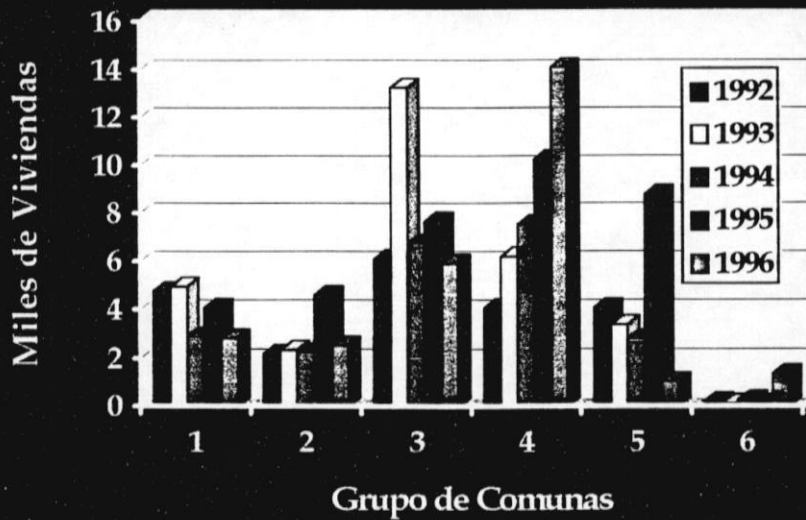
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### Permisos de Vivienda (Ine)



### Construcción Viviendas en Gran Stgo. (1°Ene-24 Jul)

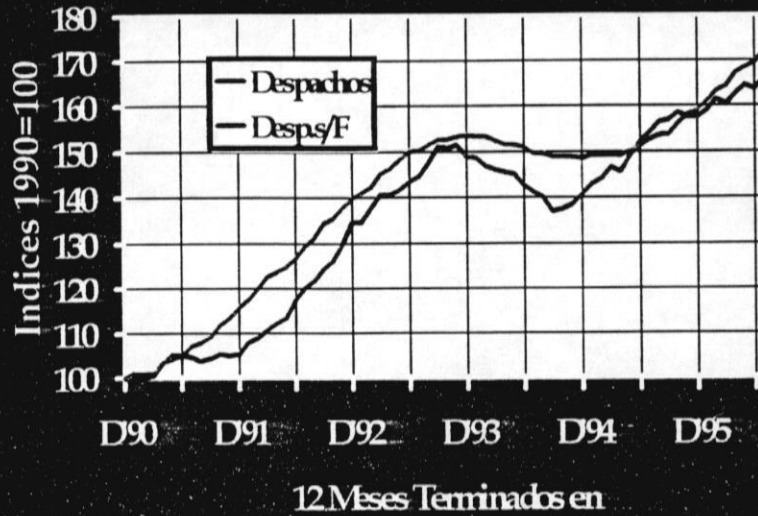


**INDICADORES DE  
CONSUMO DE MATERIALES  
DE CONSTRUCCIÓN**

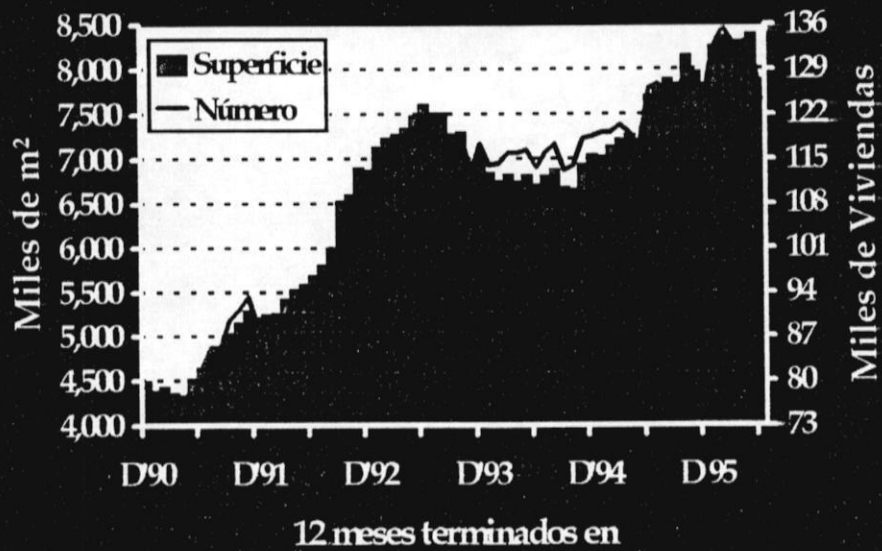
12 Meses Termino	VENTAS REALES	DESPACHOS FÍSICOS		VENTAS REALES	DESPACHOS FÍSICOS	
		ORIGINAL	SIN FIERRO		ORIGINAL	SIN FIERRO
nado en	INDICES PROM. 12 MESES			% VARIACIÓN EN 12 MESES		
	Base 1990 = 100					
D'90	100.0	100.0	100.0			
D'91	111.6	105.4	115.8	11.6%	5.4%	15.8%
E 92	113.6	108.1	117.5	14.7%	8.5%	16.3%
F	115.3	109.0	120.0	16.1%	9.1%	18.9%
M	118.3	110.8	122.7	19.5%	10.2%	21.3%
A	120.2	112.2	123.7	19.6%	8.7%	19.5%
M	121.8	113.6	124.8	20.6%	7.9%	19.6%
J	123.6	117.5	126.8	21.1%	11.8%	20.6%
J	126.3	120.2	129.4	21.9%	14.8%	20.7%
A	128.3	121.7	131.2	23.2%	17.3%	21.4%
S	131.9	124.5	134.5	24.9%	19.2%	23.0%
O	134.1	126.1	135.4	24.7%	19.5%	21.2%
N	136.7	129.8	137.9	25.4%	23.7%	21.4%
D'92	138.7	134.6	139.9	24.3%	27.7%	20.8%
E 93	140.8	134.6	141.1	24.0%	24.5%	20.1%
F	142.8	137.7	142.3	23.9%	26.3%	18.5%
M	145.6	140.6	145.1	23.2%	26.8%	18.2%
A	147.4	140.6	146.5	22.6%	25.3%	18.5%
M	148.8	141.7	148.3	22.2%	24.7%	18.9%
J	150.0	143.4	150.2	21.4%	22.1%	18.4%
J	150.4	144.6	150.3	19.1%	20.3%	16.2%
A	152.0	147.5	151.5	18.5%	21.2%	15.5%
S	153.0	151.1	152.6	16.0%	21.4%	13.5%
O	152.2	150.8	152.8	13.5%	19.5%	12.8%
N	152.7	151.5	153.3	11.7%	16.7%	11.2%
D'93	152.2	148.9	153.6	9.7%	10.6%	9.7%
E 94	151.2	148.7	153.4	7.4%	10.5%	8.7%
F	150.5	147.0	153.4	5.4%	6.8%	7.8%
M	149.7	146.1	152.3	2.8%	3.9%	5.0%
A	148.6	145.6	151.5	0.9%	3.6%	3.4%
M	148.9	145.1	151.6	0.1%	2.4%	2.2%
J	148.4	142.7	151.0	-1.1%	-0.5%	0.5%
J	147.0	141.3	149.6	-2.2%	-2.3%	-0.5%
A	146.3	140.1	149.7	-3.8%	-5.0%	-1.2%
S	145.1	137.1	149.0	-5.1%	-9.3%	-2.3%
O	144.8	137.6	148.9	-4.8%	-8.7%	-2.5%
N	146.0	138.7	149.0	-4.4%	-8.4%	-2.8%
D'94	147.2	140.8	148.6	-3.3%	-5.4%	-3.3%
E 95	149.0	142.8	149.4	-1.4%	-3.9%	-2.6%
F	149.6	144.2	149.2	-0.6%	-1.9%	-2.7%
M	151.0	146.7	149.4	0.8%	0.4%	-2.0%
A	150.8	145.7	149.1	1.5%	0.1%	-1.5%
M	153.4	149.3	150.4	3.0%	2.9%	-0.8%
J	154.7	152.2	151.2	4.3%	6.7%	0.1%
J	157.2	154.2	152.6	6.9%	9.2%	2.0%
A	158.0	156.4	153.5	8.0%	11.6%	2.6%
S	158.8	157.1	153.9	9.4%	14.6%	3.2%
O	161.9	158.6	156.1	11.8%	15.2%	4.8%
N	164.7	157.6	158.2	12.8%	13.6%	6.2%
D'95	166.3	157.5	159.2	13.0%	11.9%	7.1%
E 96	169.3	158.9	161.1	13.6%	11.3%	7.8%
F	172.2	161.5	163.3	15.1%	12.0%	9.4%
M	173.6	160.4	164.4	15.0%	9.4%	10.0%
A	177.4	162.6	167.3	17.6%	11.6%	12.2%
M	178.7	164.5	168.5	16.5%	10.2%	12.0%
J	180.4	163.7	169.5	16.6%	7.5%	12.1%
J	183.9	166.0	172.1	17.0%	7	



## Despachos Físicos

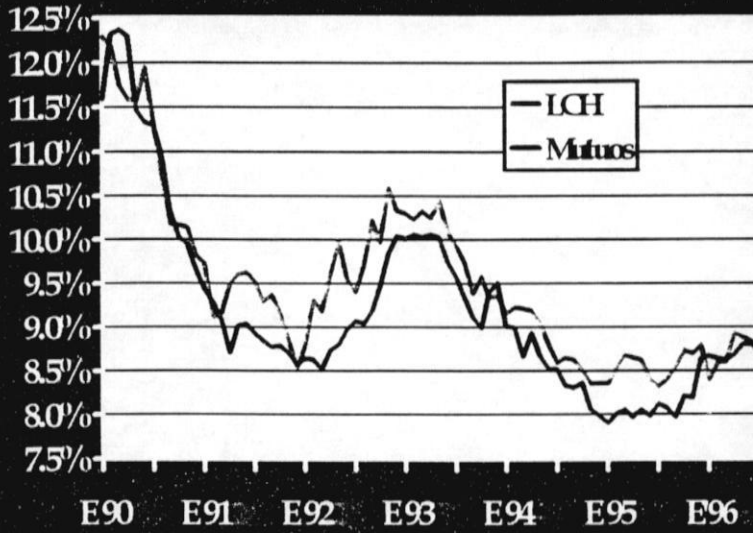


## Edificación Habitacional (Ine)



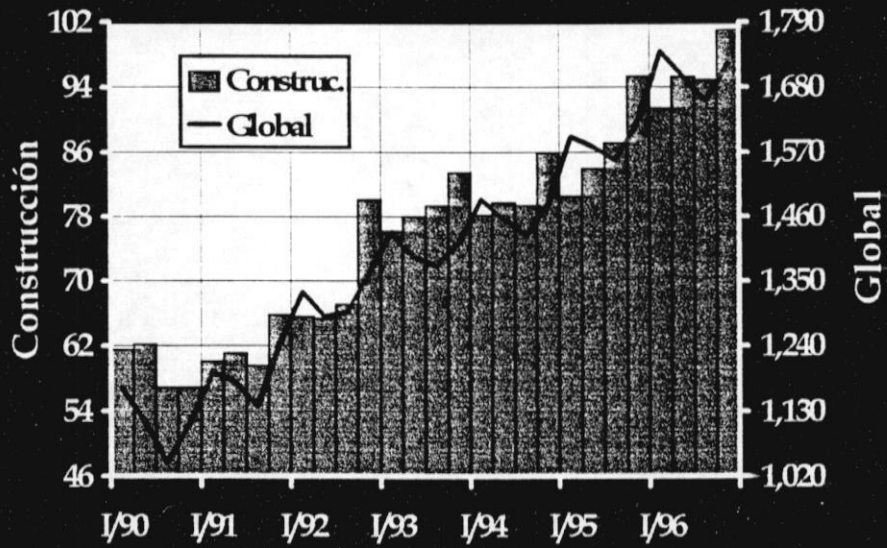


### Costo Crédito para Vivienda



### Evolución Trimestral del PIB

(Miles de Millones de \$ de 1986)



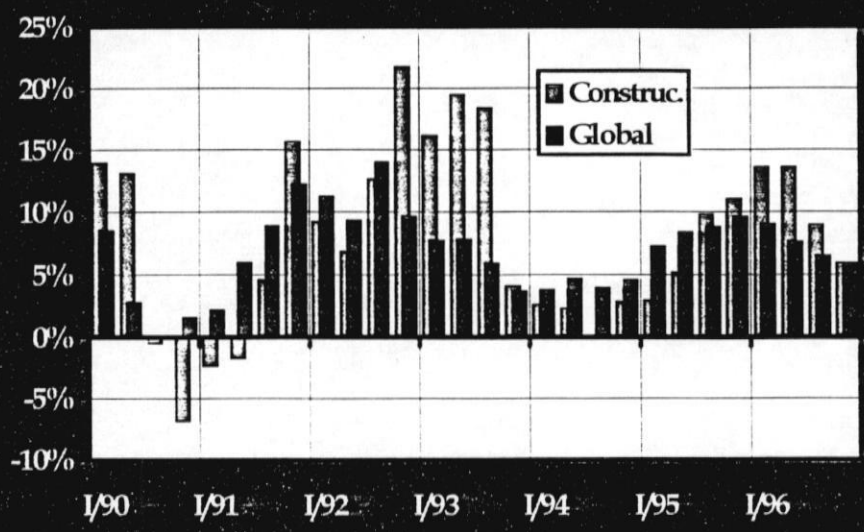


3  
X

EVOLUCION TRIMESTRAL DEL PIB				
Trim.	Construcción	Global	Construcción	Global
	Millones de \$ de 1996		Variación Anualizada	
I/86	39,483	836,703		
II	34,315	860,141		
III	39,102	831,039		
IV	46,646	891,326		
I/87	40,181	919,314	1.77%	9.87%
II	43,616	910,172	27.10%	5.82%
III	46,617	880,515	19.22%	5.95%
IV	48,080	934,650	3.07%	4.86%
I/88	44,599	988,167	11.00%	7.49%
II	49,348	954,927	13.14%	4.92%
III	49,193	952,466	5.53%	8.17%
IV	50,686	1,015,594	5.42%	8.66%
I/89	53,910	1,076,811	20.88%	8.97%
II	54,910	1,082,764	11.27%	13.39%
III	57,149	1,045,079	16.17%	9.72%
IV	61,018	1,092,683	20.38%	7.59%
I/90	61,439	1,169,487	13.97%	8.61%
II	62,127	1,113,583	13.14%	2.85%
III	56,859	1,044,699	-0.51%	-0.04%
IV	56,881	1,109,585	-6.78%	1.55%
I/91	60,005	1,195,519	-2.33%	2.23%
II	61,064	1,180,054	-1.71%	5.97%
III	59,463	1,138,194	4.58%	8.95%
IV	65,792	1,245,653	15.67%	12.26%
I/92	65,563	1,330,427	9.26%	11.28%
II	65,257	1,290,444	6.87%	9.35%
III	67,008	1,297,785	12.69%	14.02%
IV	80,099	1,366,227	21.75%	9.68%
I/93	76,145	1,433,420	16.14%	7.74%
II	77,943	1,391,485	19.44%	7.83%
III	79,297	1,374,886	18.34%	5.94%
IV	83,415	1,416,623	4.14%	3.69%
I/94	78,125	1,487,988	2.60%	3.81%
II	79,736	1,456,262	2.30%	4.66%
III	79,297	1,429,255	0.00%	3.95%
IV	85,834	1,481,506	2.90%	4.58%
I/95	80,469	1,596,358	3.00%	7.28%
II	83,882	1,578,957	5.20%	8.43%
III	87,068	1,555,983	9.80%	8.87%
IV	95,327	1,624,027	11.06%	9.62%
I/96	91,413	1,740,647	13.60%	9.04%
II	95,290	1,699,589	13.60%	7.64%
III	94,904	1,657,184	9.00%	6.50%
IV	100,951	1,719,910	5.90%	5.90%



## Evolución Trimestral del PIB (% Variación Anualizado)



## Proyección Construcción 1996-1997

SECTOR	ESTIMADA		PROY.
	1995	1996	1997
Vivienda	9.3%	5.3%	1.4%
Pública	3.9%	2.1%	1.3%
Privada	10.6%	6.0%	1.4%
<b>TOTAL</b>			
Inversión	7.3%	10.1%	7.4%
PIB.	7.4%	10.3%	7.5%

Permisos de Edificación de Industria, Comercio y Establecimientos Financieros Acumulados en 12 meses (m<sup>2</sup>)

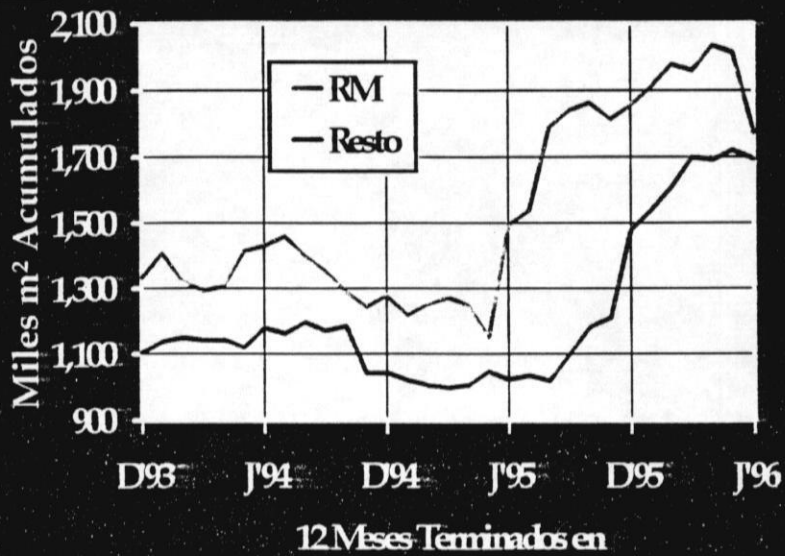
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	RM	País
D'93	42,345	52,958	75,219	66,881	297,137	110,345	62,570	189,002	70,099	103,729	10,917	23,648	1,334,509	2,439,359
E'94	46,396	58,235	76,942	64,787	323,392	103,408	64,217	182,638	75,712	103,774	12,040	25,069	1,408,932	2,545,542
F	46,779	50,812	87,145	60,175	325,947	108,659	64,147	183,633	85,184	104,634	11,970	21,195	1,321,458	2,471,738
M	46,692	55,343	88,260	63,593	322,900	89,989	67,742	186,410	82,361	103,704	13,324	20,681	1,293,481	2,434,480
A	42,292	54,002	93,990	63,097	327,034	84,415	68,130	183,752	87,946	104,947	14,652	19,237	1,307,250	2,450,744
M	43,043	52,767	65,479	63,697	346,200	88,448	55,150	180,215	89,682	99,964	14,902	20,211	1,414,232	2,533,990
J	38,109	59,473	65,113	67,862	343,408	118,858	71,401	181,406	102,445	96,463	14,246	20,904	1,431,286	2,610,974
J	40,242	49,690	64,822	65,376	341,064	122,976	70,962	162,857	109,549	93,933	13,825	26,033	1,461,361	2,622,690
A	33,193	51,321	59,827	68,981	345,892	104,130	72,879	201,939	122,080	97,706	14,906	25,431	1,401,509	2,599,794
S	33,443	46,950	58,692	49,380	346,655	114,764	75,974	194,412	118,691	91,144	14,080	25,888	1,354,317	2,524,390
O	32,804	46,501	58,143	45,553	353,630	114,855	76,170	199,319	122,908	95,726	13,062	25,318	1,289,585	2,473,574
N	32,804	60,132	56,692	45,443	214,977	108,158	81,499	200,325	110,644	95,906	12,557	23,055	1,244,008	2,286,200
D	29,653	56,710	53,395	53,205	227,073	110,349	72,625	184,078	112,334	109,866	11,708	23,636	1,277,891	2,322,523
E'95	26,793	52,310	60,083	54,970	210,909	108,402	73,795	193,645	106,297	101,199	10,312	21,578	1,219,146	2,239,439
F	24,491	54,503	53,241	55,323	197,442	101,887	81,780	202,036	103,135	95,769	10,572	25,805	1,254,240	2,260,224
M	25,369	66,098	53,424	55,407	185,857	103,850	75,860	193,194	104,009	91,434	11,631	30,398	1,273,314	2,269,845
A	27,872	73,960	47,970	55,459	183,678	102,730	94,691	193,100	98,310	90,125	10,315	28,584	1,247,494	2,254,288
M	30,206	77,615	55,929	60,027	177,877	105,988	99,482	196,201	112,025	92,180	10,933	28,900	1,152,213	2,199,576
J	40,862	75,372	59,157	57,193	170,153	90,621	97,603	199,003	105,865	90,638	10,229	26,008	1,497,893	2,520,597
J	38,545	77,326	59,497	62,734	169,505	87,369	104,095	202,288	107,457	92,665	9,589	23,283	1,540,056	2,574,409
A	39,896	82,489	65,920	62,007	165,113	98,907	108,644	166,536	105,157	92,638	8,506	22,365	1,789,504	2,807,682
S	46,581	84,514	68,768	68,778	176,633	121,651	105,509	171,362	109,855	115,282	9,372	22,294	1,840,184	2,940,783
O	52,891	84,545	71,725	71,009	196,847	136,929	119,670	189,100	113,430	110,012	9,756	24,759	1,864,290	3,044,963
N	48,563	99,546	78,269	74,293	201,780	140,036	119,681	189,689	123,412	102,644	9,612	23,747	1,814,548	3,025,820
D	48,109	109,878	77,347	65,976	241,883	348,301	118,028	223,664	132,081	82,583	9,408	22,341	1,857,158	3,336,757
E'96	51,068	168,014	70,709	66,753	225,327	358,044	122,259	224,355	130,812	88,330	11,560	22,976	1,910,715	3,450,922
F	58,621	169,861	70,166	80,426	229,989	367,558	164,277	218,550	132,766	87,054	13,521	18,619	1,978,085	3,589,493
M	95,825	168,679	72,094	76,240	238,879	368,706	172,038	247,674	137,381	97,530	11,205	13,986	1,958,766	3,659,003
A	92,441	166,013	72,504	74,649	238,802	369,682	154,105	252,922	142,020	102,642	12,342	15,498	2,035,124	3,728,744
M	91,722	168,672	60,165	69,146	240,644	365,364	152,304	305,158	127,810	110,670	11,679	19,139	2,013,005	3,735,478
J	79,417	166,131	64,849	64,258	246,233	364,690	138,968	306,039	121,776	108,406	12,098	22,525	1,774,402	3,469,792

FUENTE Instituto Nacional de Estadísticas

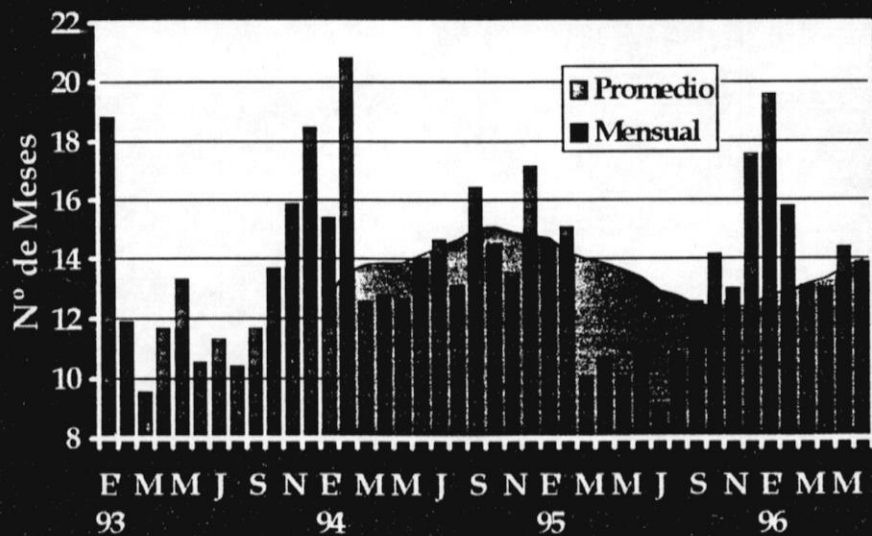




## Evolución Construcción Industrial

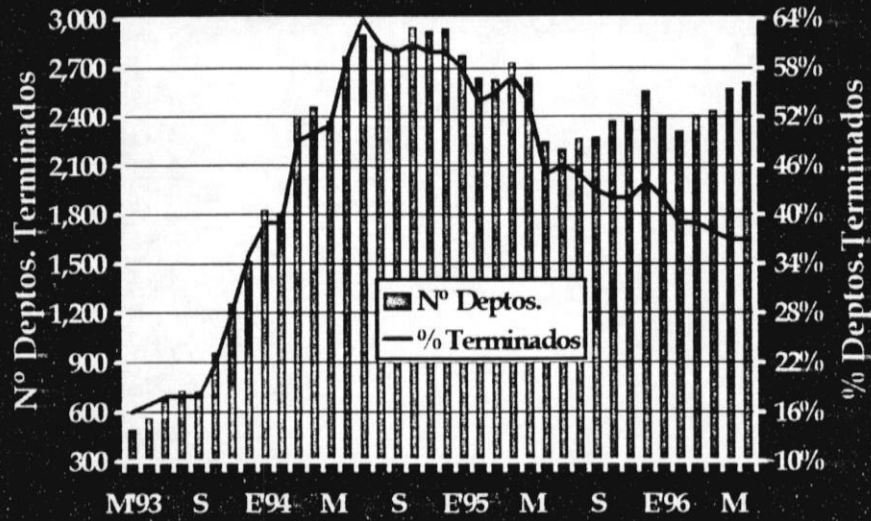


## Meses para Agotar Stock de Departamentos (CChC)

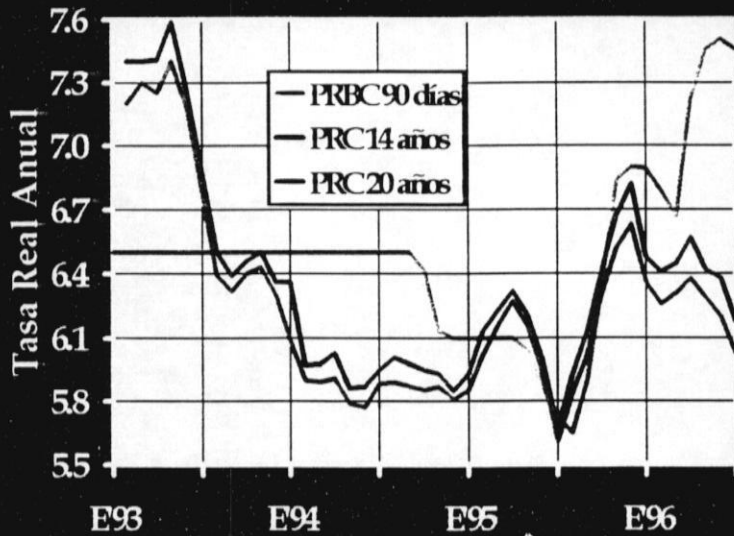




## Maduración Oferta de Deptos.



## Papeles Banco Central



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**Tasas de Interés de Instrumentos del Banco Central  
y TIR Media de Instrumentos de Renta Fija**

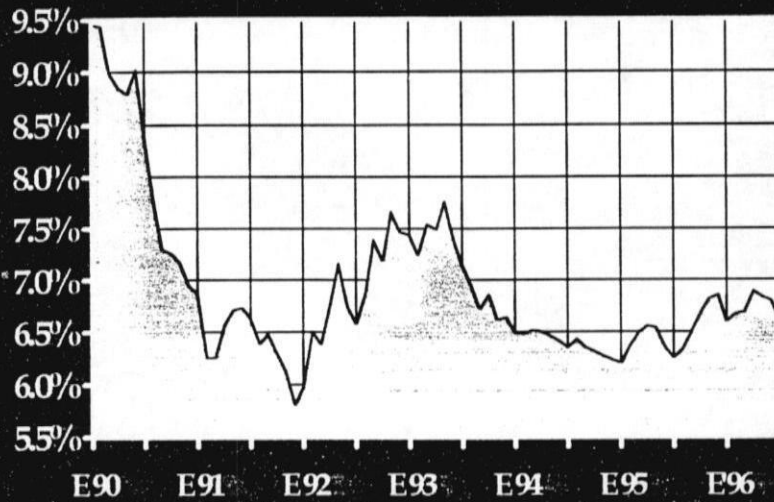
Mes	Instrumentos del Banco Central						Instrumentos de Renta Fija		
	PRBC 90 días	Pagaré Reajustables en Cupones (PRC)					Letras Hipotecarias		Promedio
		8 años	10 años	12 años	14 años	20 años	15,1 años y +	Promedio	General
E'93	6.50	7.60	7.60				7.44	7.57	7.66
F	6.50	7.50	7.50	7.40	7.40	7.20	7.25	7.41	7.56
M	6.50	7.50	7.50	7.40	7.40	7.30	7.54	7.62	7.60
A	6.50	7.48	7.47	7.43	7.41	7.25	7.49	7.52	7.60
M	6.50	7.65	7.64	7.60	7.59	7.40	7.76	7.92	7.77
J	6.50	7.38	7.37	7.31	7.27	7.18	7.39	7.55	7.42
J	6.50	6.99	6.96	6.90	6.87	6.78	7.15	7.35	7.21
A	6.50	6.58	6.60	6.56	6.50	6.39	6.95	7.25	6.86
S	6.50	6.38	6.42	6.42	6.39	6.32	6.72	7.01	6.62
O	6.50	6.45	6.50	6.49	6.46	6.40	6.86	7.02	6.69
N	6.50	6.52	6.54	6.52	6.50	6.43	6.61	6.80	6.72
D	6.50	6.40	6.41	6.39	6.36	6.30	6.64	6.65	6.36
E'94	6.50	6.30	6.25	6.19	6.36	6.09	6.79	6.73	6.51
F	6.50	6.07	6.05	6.01	5.97	5.90	6.48	6.57	6.32
M	6.50	6.10	6.07	6.03	5.98	5.89	6.52	6.65	6.35
A	6.50	6.13	6.11	6.07	6.03	5.91	6.55	6.76	6.38
M	6.50	6.10	6.03	5.91	5.86	5.79	6.46	6.63	6.43
J	6.50	6.10	6.03	5.93	5.87	5.77	6.41	6.59	6.31
J	6.50	6.10	6.06	6.00	5.95	5.88	6.35	6.55	6.35
A	6.50	6.10	6.06	6.02	6.01	5.89	6.43	6.52	6.34
S	6.50	6.05	6.03	6.00	5.98	5.87	6.35	6.49	6.31
O	6.42	5.97	5.98	5.97	5.95	5.85	6.31	6.43	6.22
N	6.13	5.94	5.95	5.95	5.93	5.87	6.27	6.34	6.24
D	6.10	5.85	5.87	5.85	5.85	5.81	6.23	6.28	6.11
E'95	6.10	5.95	5.95	5.94	5.93	5.85	6.20	6.28	6.15
F	6.10	6.13	6.15	6.14	6.13	6.02	6.37	6.42	6.29
M	6.10	6.21	6.24	6.23	6.23	6.16	6.49	6.55	6.42
A	6.10	6.31	6.33	6.32	6.32	6.27	6.56	6.66	6.53
M	6.04	6.21	6.23	6.23	6.21	6.16	6.54	6.65	6.43
J	5.86	5.97	6.00	6.01	6.00	5.94	6.35	6.49	6.20
J	5.73	5.72	5.72	5.70	5.67	5.61	6.25	6.33	5.92
A	5.65	5.94	5.96	5.93	5.92	5.83	6.34	6.28	6.11
S	5.90	6.12	6.13	6.13	6.13	6.02	6.54	6.32	6.32
O	6.34	6.41	6.42	6.41	6.41	6.30	6.68	6.75	6.58
N	6.84	6.69	6.72	6.70	6.67	6.52	6.82	6.94	6.88
D	6.90	6.86	6.87	6.84	6.82	6.63	6.86	6.97	6.90
E'96	6.89	6.50	6.51	6.49	6.48	6.36	6.60	6.62	6.79
F	6.79	6.43	6.44	6.41	6.41	6.26	6.67	6.63	6.63
M	6.67	6.50	6.50	6.47	6.45	6.31	6.69	6.71	6.68
A	7.22	6.62	6.61	6.60	6.57	6.38	6.90	6.98	6.83
M	7.46	6.45	6.47	6.43	6.42	6.29	6.84	6.92	6.75
J	7.51	6.41	6.42	6.39	6.38	6.20	6.80	6.91	6.67
J	7.46	6.25	6.24	6.20	6.18	6.03	6.61	6.72	6.53

FUENTES :

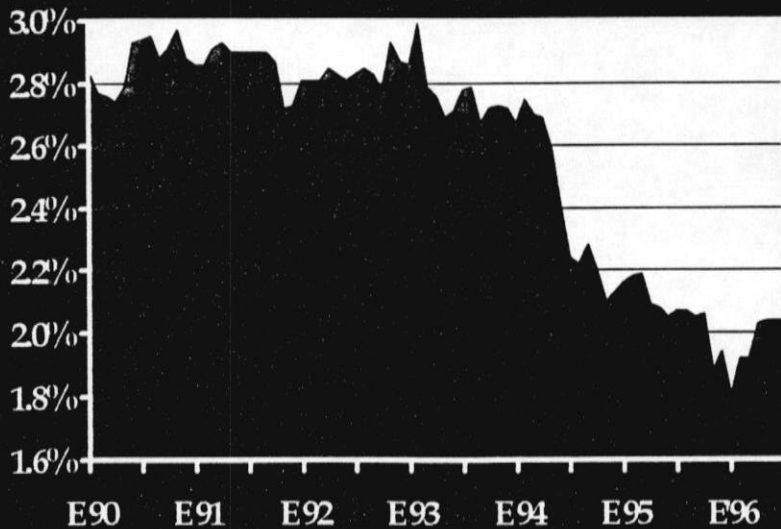
Banco Central y Bolsa de Comercio de Santiago



## TIRM LCH a 15 años y más



## Comisión en Préstamos con LCH



EVOLUCION DEL COSTO DEL CREDITO HIPOTECARIO PARA VIVIENDA				
MES	PRESTAMOS CON LETRAS			PRESTAMOS CON MUTUOS
	TIR LCH 15 AÑOS Y MAS	COMISION BANCARIA	COSTO TOTAL DEUDOR	
E 91	6.87%	2.86%	9.73%	9.44%
F	6.25%	2.86%	9.11%	9.29%
M	6.26%	2.91%	9.17%	9.08%
A	6.57%	2.93%	9.50%	8.71%
M	6.71%	2.90%	9.61%	9.01%
J	6.73%	2.90%	9.63%	9.04%
J	6.63%	2.90%	9.53%	8.93%
A	6.39%	2.90%	9.29%	8.85%
S	6.48%	2.90%	9.38%	8.77%
O	6.29%	2.87%	9.16%	8.79%
N	6.13%	2.72%	8.85%	8.70%
D	5.81%	2.73%	8.54%	8.57%
E 92	5.98%	2.81%	8.79%	8.64%
F	6.50%	2.81%	9.31%	8.63%
M	6.38%	2.81%	9.19%	8.51%
A	6.76%	2.85%	9.61%	8.74%
M	7.16%	2.83%	9.99%	8.80%
J	6.74%	2.81%	9.55%	8.98%
J	6.58%	2.83%	9.41%	9.07%
A	6.86%	2.85%	9.71%	9.04%
S	7.39%	2.83%	10.22%	9.20%
O	7.19%	2.78%	9.97%	9.47%
N	7.66%	2.93%	10.59%	9.84%
D	7.47%	2.87%	10.34%	10.04%
E 93	7.44%	2.86%	10.30%	10.01%
F	7.25%	2.99%	10.24%	10.06%
M	7.54%	2.79%	10.33%	10.03%
A	7.49%	2.76%	10.25%	10.06%
M	7.76%	2.69%	10.45%	10.03%
J	7.39%	2.71%	10.10%	9.75%
J	7.15%	2.78%	9.93%	9.58%
A	6.95%	2.79%	9.74%	9.34%
S	6.72%	2.67%	9.39%	9.11%
O	6.86%	2.72%	9.58%	8.99%
N	6.61%	2.73%	9.34%	9.41%
D	6.64%	2.72%	9.36%	9.51%
E 94	6.49%	2.67%	9.16%	9.01%
F	6.48%	2.75%	9.23%	8.99%
M	6.52%	2.70%	9.22%	8.66%
A	6.50%	2.69%	9.19%	8.93%
M	6.46%	2.59%	9.05%	8.67%
J	6.41%	2.40%	8.81%	8.52%
J	6.35%	2.24%	8.59%	8.52%
A	6.43%	2.22%	8.65%	8.34%
S	6.35%	2.28%	8.63%	8.31%
O	6.31%	2.20%	8.51%	8.37%
N	6.27%	2.10%	8.37%	8.06%
D	6.23%	2.13%	8.36%	7.99%
E 95	6.20%	2.16%	8.36%	7.91%
F	6.37%	2.18%	8.55%	8.01%
M	6.49%	2.19%	8.68%	8.06%
A	6.56%	2.09%	8.65%	7.97%
M	6.54%	2.08%	8.62%	8.06%
J	6.35%	2.05%	8.40%	7.99%
J	6.25%	2.07%	8.32%	8.13%
A	6.34%	2.07%	8.41%	8.08%
S	6.50%	2.05%	8.55%	7.97%
O	6.68%	2.06%	8.74%	8.21%
N	6.82%	1.88%	8.70%	8.20%
D	6.86%	1.94%	8.80%	8.64%
E'96	6.60%	1.80%	8.40%	8.67%
F	6.67%	1.92%	8.59%	8.64%
M	6.69%	1.92%	8.61%	8.62%
A	6.90%	2.03%	8.93%	8.69%
M	6.84%	2.04%	8.88%	8.80%
J	6.80%	2.04%	8.84%	8.81%
J	6.61%	2.04%	8.65%	8.79%

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Permisos de Edificación de Servicios Acumulados en 12 meses (m<sup>2</sup>)

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	RM	País
D'93	16,864	18,804	24,934	12,027	43,010	26,723	22,966	69,802	33,571	29,266	9,964	9,891	162,529	480,351
E'94	19,258	20,588	25,226	11,865	44,178	27,168	23,666	65,255	39,221	29,734	9,678	12,145	155,931	483,913
F	19,045	18,121	29,005	13,280	46,443	31,385	34,039	68,375	40,518	28,575	11,278	14,553	167,328	521,945
M	20,353	16,349	25,033	14,453	46,738	32,649	33,611	69,588	36,358	29,323	12,723	15,316	171,006	523,500
A	20,775	16,265	21,732	14,868	49,823	29,113	34,448	71,317	38,743	27,932	13,370	15,241	156,679	510,306
M	15,389	15,321	18,453	14,465	56,202	29,125	34,431	65,218	34,300	25,871	12,650	15,375	161,672	498,472
	15,488	14,434	18,602	14,168	56,929	29,623	34,180	65,359	35,992	24,608	10,003	15,313	154,863	489,562
	9,715	12,135	22,116	14,925	55,990	28,293	36,729	66,867	42,527	23,252	9,982	15,511	159,440	497,482
	10,087	15,324	21,367	15,044	53,129	27,094	41,599	68,339	42,623	22,234	8,855	15,735	160,593	502,023
	11,477	13,030	22,737	15,388	50,481	26,819	37,850	73,052	42,062	21,894	8,225	15,358	181,023	519,396
	12,981	16,212	22,528	21,858	50,430	25,628	40,722	75,803	52,138	22,442	7,405	17,089	181,214	546,450
	13,126	16,286	17,248	22,423	50,064	25,708	41,590	62,256	57,108	20,388	9,315	16,747	189,167	541,426
	12,669	17,457	17,010	19,587	40,315	22,289	41,000	57,217	60,064	23,596	9,853	11,232	220,756	553,045
E'95	10,353	19,653	18,028	20,804	39,477	24,196	39,021	55,671	55,008	23,366	9,853	10,839	213,224	539,493
F	10,976	20,134	14,349	19,976	39,929	18,441	30,664	48,972	57,473	20,654	9,054	7,909	202,982	501,513
M	9,400	20,269	17,060	20,549	42,807	16,026	29,869	48,315	68,562	19,954	10,564	7,227	199,481	510,083
A	9,067	19,898	17,385	19,631	39,627	19,692	31,128	46,276	67,093	21,112	10,039	7,390	195,160	503,498
M	9,263	20,227	18,417	19,485	31,862	20,491	30,778	48,379	68,761	20,574	9,983	7,093	182,161	487,474
J	9,094	21,398	17,790	19,903	31,996	21,147	29,969	55,816	66,508	23,634	10,137	6,756	199,931	514,079
J	8,080	20,989	14,588	19,255	35,524	23,122	27,588	52,624	62,670	33,479	9,768	6,712	210,171	524,570
A	7,726	18,027	16,713	20,500	35,586	24,142	23,710	49,720	60,462	37,355	9,104	6,246	204,130	513,421
S	7,011	17,692	17,063	17,855	38,638	23,802	25,281	43,032	59,900	39,379	9,654	6,014	224,806	530,127
O	6,536	16,249	16,400	14,222	35,938	23,177	22,133	39,994	59,098	37,201	9,774	4,271	238,704	523,697
N	6,725	15,971	18,340	14,476	35,998	21,783	24,549	45,657	63,659	38,399	7,864	4,794	244,415	542,630
D	7,137	13,779	21,658	25,920	36,824	25,320	25,657	44,838	58,431	35,399	7,140	4,166	222,678	528,947
E'96	8,277	11,381	20,356	24,703	36,100	27,489	29,057	44,449	64,992	33,666	7,278	2,707	233,928	544,383
F	9,387	10,459	19,844	25,902	41,516	27,466	26,959	45,671	64,172	36,561	5,614	2,696	233,012	549,259
M	10,842	12,371	18,555	24,409	53,094	30,685	25,500	46,620	56,669	45,336	2,648	3,253	241,375	571,357
A	10,392	12,202	18,543	26,701	59,295	27,504	26,988	49,578	57,269	44,475	2,064	5,792	236,236	577,039
M	11,185	12,056	17,552	27,194	59,983	26,208	26,508	55,207	57,624	44,889	2,685	6,528	249,580	597,199
J	11,185	11,568	24,091	27,822	63,267	28,798	26,174	47,640	61,652	44,222	2,531	6,706	238,066	593,722

FUENTE Instituto Nacional de Estadísticas

X

PERMISOS DE CONSTRUCCION DE VIVIENDAS

AUTORIZADOS POR REGIONES

EN EL PERIODO ENERO-JUNIO

RE- GION	N° de Viviendas				Superficie Habitacional (m <sup>2</sup> )				Superficie Media por Vivienda (m <sup>2</sup> )			
	1993	1994	1995	1996	1993	1994	1995	1996	1993	1994	1995	1996
I	538	884	1,477	720	31,967	42,323	96,460	47,719	59.42	47.88	65.31	66.28
II	1,386	1,444	1,265	1,725	78,187	82,609	74,716	105,923	56.41	57.21	59.06	61.40
III	980	674	471	816	51,630	41,832	27,533	43,985	52.68	62.07	58.46	53.90
IV	2,816	3,919	2,823	4,891	160,018	188,311	151,707	229,576	56.82	48.05	53.74	46.94
V	5,534	4,620	6,301	9,999	361,974	381,524	405,718	669,122	65.41	82.58	64.39	66.92
VI	3,308	4,938	4,027	3,256	155,745	241,252	203,517	183,339	47.08	48.86	50.54	56.31
VII	2,535	3,959	3,681	3,562	123,121	168,500	172,142	170,187	48.57	42.56	46.77	47.78
VIII	3,889	4,714	5,859	6,460	246,552	286,104	351,239	383,389	63.40	60.69	59.95	59.35
IX	3,413	3,963	3,682	2,533	165,502	171,189	209,726	165,992	48.49	43.20	56.96	65.53
X	1,947	2,348	2,273	2,371	123,275	141,857	124,386	127,436	63.32	60.42	54.72	53.75
XI	485	285	326	528	19,746	15,485	13,901	20,429	40.71	54.33	42.64	38.69
XII	810	578	83	312	31,040	26,750	7,240	14,055	38.32	46.28	87.23	45.05
RM	33,118	24,781	32,280	26,727	2,158,428	1,578,683	2,183,430	1,900,764	65.17	63.71	67.64	71.12
PAIS	60,759	57,107	64,548	63,900	3,707,185	3,366,419	4,021,715	4,061,916	61.01	58.95	62.31	63.57

% de Variación Acumulada

RE- GION	N° de Viviendas				Superficie Habitacional (m <sup>2</sup> )				Superficie Media por Vivienda (m <sup>2</sup> )			
	1993	94/93	95/94	96/95	1993	94/93	95/94	96/95	1993	1994	1995	1996
I		64.3%	67.1%	-51.3%		32.4%	127.9%	-50.5%		-19.4%	36.4%	1.5%
II		4.2%	-12.4%	36.4%		5.7%	-9.6%	41.8%		1.4%	3.2%	4.0%
III		-31.2%	-30.1%	73.2%		-19.0%	-34.2%	59.8%		17.8%	-5.8%	-7.8%
IV		39.2%	-28.0%	73.3%		17.7%	-19.4%	51.3%		-15.4%	11.8%	-12.7%
V		-16.5%	36.4%	58.7%		5.4%	6.3%	64.9%		26.3%	-22.0%	3.9%
VI		49.3%	-18.4%	-19.1%		54.9%	-15.6%	-9.9%		3.8%	3.4%	11.4%
VII		56.2%	-7.0%	-3.2%		36.9%	2.2%	-1.1%		-12.4%	9.9%	2.2%
VIII		21.2%	24.3%	10.3%		16.0%	22.8%	9.2%		-4.3%	-1.2%	-1.0%
IX		16.1%	-7.1%	-31.2%		3.4%	22.5%	-20.9%		-10.9%	31.9%	15.0%
X		20.6%	-3.2%	4.3%		15.1%	-12.3%	2.5%		-4.6%	-9.4%	-1.8%
XI		-41.2%	14.4%	62.0%		-21.6%	-10.2%	47.0%		33.5%	-21.5%	-9.3%
XII		-28.6%	-85.6%	275.9%		-13.8%	-72.9%	94.1%		20.8%	88.5%	-48.4%
RM		-25.2%	30.3%	-17.2%		-26.9%	38.3%	-12.9%		-2.3%	6.2%	5.1%
PAIS		-6.0%	13.0%	-1.0%		-9.2%	19.5%	1.0%		-3.4%	5.7%	2.0%

FUENTE :

INSTITUTO

DE ESTADISTICAS

PLANOS DE CONSTRUCCION NO HABITACIONAL

AUTORIZADOS POR REGIONES

EN EL PERIODO ENERO-JUNIO

RE- GION	Industria, Comercio y Estab.Financieros (m <sup>2</sup> )				Servicios (m <sup>2</sup> )				Total Edificación No Habitacional (m <sup>2</sup> )			
	1993	1994	1995	1996	1993	1994	1995	1996	1993	1994	1995	1996
I	17,041	12,805	24,014	55,322	8,002	6,626	3,051	7,099	25,043	19,431	27,065	62,421
II	20,118	26,633	45,295	101,548	8,656	4,286	8,227	6,016	28,774	30,919	53,522	107,564
III	40,962	30,856	36,618	24,120	13,363	7,031	7,811	10,244	54,325	37,887	44,429	34,364
IV	22,881	23,862	27,850	26,132	3,399	5,540	5,856	7,758	26,280	29,402	33,706	33,890
V	86,425	132,696	75,776	80,126	8,359	22,278	13,959	40,402	94,784	154,974	89,735	120,528
VI	56,159	64,672	44,944	61,333	11,750	14,650	13,508	16,986	67,909	79,322	58,452	78,319
VII	28,835	37,666	62,644	83,584	12,577	23,791	12,760	13,277	41,412	61,457	75,404	96,861
VIII	72,169	64,573	79,498	161,873	29,063	24,620	23,219	26,021	101,232	89,193	102,717	187,894
IX	32,348	64,694	58,225	47,920	14,356	16,777	23,221	26,442	46,704	81,471	81,446	74,362
X	55,109	47,843	28,615	54,438	17,122	12,464	12,502	21,325	72,231	60,307	41,117	75,763
XI	4,506	7,835	6,356	9,046	5,722	5,761	6,045	1,436	10,228	13,596	12,401	10,482
XII	15,627	12,883	15,255	15,439	2,338	7,760	3,284	5,824	17,965	20,643	18,539	21,263
RM	582,489	679,266	899,268	816,512	102,750	95,084	74,259	89,647	685,239	774,350	973,527	906,159
PAIS	1,034,669	1,206,284	1,404,358	1,537,393	237,457	246,668	207,702	272,477	1,272,126	1,452,952	1,612,060	1,809,870

% de Variación Acumulada

RE- GION	Industria, Comercio y Estab.Financieros (m <sup>2</sup> )				Servicios (m <sup>2</sup> )				Total Edificación No Habitacional (m <sup>2</sup> )			
	1993	94/93	95/94	96/95	1993	94/93	95/94	96/95	1993	1994	1995	1996
I		-24.9%	87.5%	130.4%		-17.2%	-54.0%	132.7%		-22.4%	39.3%	130.6%
II		32.4%	70.1%	124.2%		-50.5%	92.0%	-26.9%		7.5%	73.1%	101.0%
III		-24.7%	18.7%	-34.1%		-47.4%	11.1%	31.1%		-30.3%	17.3%	-22.7%
IV		4.3%	16.7%	-6.2%		63.0%	5.7%	32.5%		11.9%	14.6%	0.5%
V		53.5%	-42.9%	5.7%		166.5%	-37.3%	189.4%		63.5%	-42.1%	34.3%
VI		15.2%	-30.5%	36.5%		24.7%	-7.8%	25.7%		16.8%	-26.3%	34.0%
VII		30.6%	66.3%	33.4%		89.2%	-46.4%	4.1%		48.4%	22.7%	28.5%
VIII		-10.5%	23.1%	103.6%		-15.3%	-5.7%	12.1%		-11.9%	15.2%	82.9%
IX		100.0%	-10.0%	-17.7%		16.9%	38.4%	13.9%		74.4%	0.0%	-8.7%
X		-13.2%	-40.2%	90.2%		-27.2%	0.3%	70.6%		-16.5%	-31.8%	84.3%
XI		73.9%	-18.9%	42.3%		0.7%	4.9%	-76.2%		32.9%	-8.8%	-15.5%
XII		-17.6%	18.4%	1.2%		231.9%	-57.7%	77.3%		14.9%	-10.2%	14.7%
RM		16.6%	32.4%	-9.2%		-7.5%	-21.9%	20.7%		13.0%	25.7%	-6.9%
PAIS		16.6%	16.4%	9.5%		3.9%	-15.8%	31.2%		14.2%	11.0%	12.3%

FUENTE :

INSTITUTO NACIONAL DE ESTADISTICAS

**PERMISOS DE CONSTRUCCION  
AUTORIZADOS POR REGIONES  
EN EL PERIODO ENERO-JUNIO**

RE- GION	Superficie Habitacional (m <sup>2</sup> )				Total Edificación No Habitacional (m <sup>2</sup> )				Total Edificación (m <sup>2</sup> )			
	1993	1994	1995	1996	1993	1994	1995	1996	1993	1994	1995	1996
I	31,967	42,323	96,460	47,719	25,043	19,431	27,065	62,421	57,010	61,754	123,525	110,140
II	78,187	82,609	74,716	105,923	28,774	30,919	53,522	107,564	106,961	113,528	128,238	213,487
III	51,630	41,832	27,533	43,985	54,325	37,887	44,429	34,364	105,955	79,719	71,962	78,349
IV	160,018	188,311	151,707	229,576	26,280	29,402	33,706	33,890	186,298	217,713	185,413	263,466
V	361,974	381,524	405,718	669,122	94,784	154,974	89,735	120,528	456,758	536,498	495,453	789,650
VI	155,745	241,252	203,517	183,339	67,909	79,322	58,452	78,319	223,654	320,574	261,969	261,658
VII	123,121	168,500	172,142	170,187	41,412	61,457	75,404	96,861	164,533	229,957	247,546	267,048
VIII	246,552	286,104	351,239	383,389	101,232	89,193	102,717	187,894	347,784	375,297	453,956	571,283
IX	165,502	171,189	209,726	165,992	46,704	81,471	81,446	74,362	212,206	252,660	291,172	240,354
X	123,275	141,857	124,386	127,436	72,231	60,307	41,117	75,763	195,506	202,164	165,503	203,199
XI	19,746	15,485	13,901	20,429	10,228	13,596	12,401	10,482	29,974	29,081	26,302	30,911
XII	31,040	26,750	7,240	14,055	17,965	20,643	18,539	21,263	49,005	47,393	25,779	35,318
RM	2,158,428	1,578,683	2,183,430	1,900,764	685,239	774,350	973,527	906,159	2,843,667	2,353,033	3,156,957	2,806,923
PAIS	3,707,185	3,366,419	4,021,715	4,061,916	1,272,126	1,452,952	1,612,060	1,809,870	4,979,311	4,819,371	5,633,775	5,871,786

**% de Variación Acumulada**

RE- GION	Superficie Habitacional (m <sup>2</sup> )				Total Edificación No Habitacional (m <sup>2</sup> )				Total Edificación (m <sup>2</sup> )			
	1993	1994	1995	1996	1993	1994	1995	1996	1993	1994	1995	1996
I		32.4%	127.9%	-50.5%		-22.4%	39.3%	130.6%		8.3%	100.0%	-10.8%
II		5.7%	-9.6%	41.8%		7.5%	73.1%	101.0%		6.1%	13.0%	66.5%
III		-19.0%	-34.2%	59.8%		-30.3%	17.3%	-22.7%		-24.8%	-9.7%	8.9%
IV		17.7%	-19.4%	51.3%		11.9%	14.6%	0.5%		16.9%	-14.8%	42.1%
V		5.4%	6.3%	64.9%		63.5%	-42.1%	34.3%		17.5%	-7.7%	59.4%
VI		54.9%	-15.6%	-9.9%		16.8%	-26.3%	34.0%		43.3%	-18.3%	-0.1%
VII		36.9%	2.2%	-1.1%		48.4%	22.7%	28.5%		39.8%	7.6%	7.9%
VIII		16.0%	22.8%	9.2%		-11.9%	15.2%	82.9%		7.9%	21.0%	25.8%
IX		3.4%	22.5%	-20.9%		74.4%	0.0%	-8.7%		19.1%	15.2%	-17.5%
X		15.1%	-12.3%	2.5%		-16.5%	-31.8%	84.3%		3.4%	-18.1%	22.8%
XI		-21.6%	-10.2%	47.0%		32.9%	-8.8%	-15.5%		-3.0%	-9.6%	17.5%
XII		-13.8%	-72.9%	94.1%		14.9%	-10.2%	14.7%		-3.3%	-45.6%	37.0%
RM		-26.9%	38.3%	-12.9%		13.0%	25.7%	-6.9%		-17.3%	34.2%	-11.1%
PAIS		-9.2%	19.5%	1.0%		14.2%	11.0%	12.3%		-3.2%	16.9%	4.2%

FUENTE :

INSTITUTO NACIONAL DE ESTADISTICAS

## PLAN DE CONCESIONES DE OBRAS PÚBLICAS 1993-2000

### Flujo Estimado de Inversión

PROYECTOS	INV. EST.	FLUJO DE INVERSIÓN PROYECTADO								
		93	94	95	96	97	98	99	2000	
Millones de US\$										
<b>GRUPO I : Concesiones Ruta 5</b>										
Ruta 5, Los Vilos-Santiago	148.0					59.2	59.2	29.6		
Ruta 5, Talca-Chillán	160.0				62.5	65.5	32.0			
Ruta 5, La Serena-Los Vilos	235.0					73.4	88.1	73.4		
Ruta 5, Santiago-Talca (1a Etapa)	112.0					5.6	56.0	50.4		
Ruta 5, Santiago-San Fdo. (Autopista)	230.0					59.2	85.4	85.4		
Ruta 5, Chillán-Collipulli	161.0					37.6	64.4	59.0		
Ruta 5, Collipulli-Temuco	212.0					35.3	84.8	84.8	7.1	
Ruta 5, Temuco-Río Bueno	131.0					26.2	52.4	52.4		
Ruta 5, Río Bueno-Puerto Montt	128.0					12.8	51.2	51.2	12.8	
Ruta 5, Cruce Canal de Chacao	80.0						16.0	32.0	32.0	
<b>Subtotal Grupo I</b>	<b>1,597.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>62.5</b>	<b>374.8</b>	<b>589.6</b>	<b>518.2</b>	<b>51.9</b>	
<b>GRUPO II : Concesiones Urbanas</b>										
Mej.Integral Av.A.Vespucio	158.0					15.8	63.2	63.2	15.8	
Sistema Norte-Sur Stgo. (Incluye Av.Gral Velázquez.)	132.0					22.0	52.8	52.8	4.4	
Sistema Oriente-Poniente. (Costan.Norte, Kennedy Las Condes)	233.0					46.6	93.2	93.2		
Acceso Vial Aeropuerto CAMB	12.0				12.0					
Ruta 68: S.Río Mapocho-Las Rejas	10.0					10.0				
Pié Andino: S.Las Condes-Ruta 5	110.0						5.0	55.0	50.0	
Radial Nor-Oriente	103.0						27.5	41.2	34.3	
Isabel Riquelme-Rodrigo de Araya	52.0							25.0	27.0	
Eje Las Industrias-La Serena	44.0						5.0	39.0		
<b>Subtotal Grupo II</b>	<b>854.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>12.0</b>	<b>94.4</b>	<b>246.7</b>	<b>369.4</b>	<b>131.5</b>	
<b>GRUPO III: Concesiones Interurbanas y Otras</b>										
Túnel El Melón	39.0	3.7	17.6	17.6						
Camino de la Madera, Acceso Sur Concepción	33.7		2.3	13.9	17.4					
Acceso Norte a Concepción	197.0			18.6	65.0	65.0	48.3			
Ruta 78, Santiago-San Antonio	158.0			11.4	73.9	72.7				
Camino del Rípio	0.5				0.5					
Camino Puchuncavi-Nogales	11.0			2.0	9.0					
Red Vial Cartagena-Quintay	60.0					6.0	24.0	24.0	6.0	
Autopista La Dormida y										
Ruta 68, Santiago-Valparaíso	440.0					88.0	176.0	176.0		
Ruta 57 CH, Santiago-Los Andes	80.0					24.0	32.0	24.0		
Camino a Corral	40.0						13.3	16.0	10.7	
Ruta 60 CH, Los Andes-Valparaíso	36.0						12.0	12.0	12.0	
Ctro.Portuario Industrial Concepción	170.0						56.7	56.7	56.7	
Canal El Morro Talcahuano	18.0						6.0	12.0		
Defensas Río Bío-Bío	98.0						32.7	39.2	26.1	
Aeropuerto Diego Aracena, Iquique	5.0				5.0					
Aeropuerto El Tepual, Puerto Montt	5.3			1.3	4.0					
Aeropuerto Carriel Sur, Concepción	7.5					7.5				
Aeropuerto El Loa, Calama	2.0					2.0				
Aeropuerto La Florida, La Serena	2.5				1.8	0.7				
Complejo Aduanero Los Andes	3.0					3.0				
Camino Lota - Cañete	60.0						24.0	24.0	12.0	
Camino Catapilco - Placilla	15.0						5.0	5.0	5.0	
<b>Subtotal Grupo III</b>	<b>1,481.5</b>	<b>3.7</b>	<b>20.0</b>	<b>64.8</b>	<b>176.7</b>	<b>275.0</b>	<b>436.0</b>	<b>376.9</b>	<b>128.5</b>	
<b>TOTAL GENERAL</b>	<b>3,932.5</b>	<b>3.7</b>	<b>20.0</b>	<b>64.8</b>	<b>251.2</b>	<b>744.2</b>	<b>1,272.2</b>	<b>1,264.5</b>	<b>311.9</b>	
Elaborado por Depto. de Estudios Económicos de la CÁMARA CHILENA DE LA CONSTRUCCIÓN										
En base al Plan del 8 de Febrero de 1996 del Depto. de Coordinación General de Concesiones del MOP,										
actualizado con postergaciones informadas el 10 de Julio de 1996.										

13/08/96

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## Vialidad interurbana

- **Necesidades : US\$ 6.050 millones**
  - **Mejorar estado de la red**
  - **Elevar estándares de carpetas**
  - **Dobles vías**
  - **Conservación**
- **Proyectos**
  - **Concesiones**
  - **Programas de inversión pública**



## Vialidad Urbana

- **Necesidades : US\$ 2.519 millones**
  - **Vías estructurantes**
  - **Pavimentación calles**
  - **Conservación**
  - **Gestión de tránsito urbano**
- **Proyectos**
  - **Concesiones**
  - **Tarifificación Vial**
  - **Estacionamientos subterráneos**

Permisos de Edificación No Habitacional Acumulados en 12 meses (m<sup>2</sup>)

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	RM	País
D'93	59,209	71,762	100,153	78,908	340,147	137,068	85,536	258,804	103,670	132,995	20,881	33,539	1,497,038	2,919,710
E'94	65,654	78,823	102,168	76,652	367,570	130,576	87,883	247,893	114,933	133,508	21,718	37,214	1,564,863	3,029,455
F	65,824	68,933	116,150	73,455	372,390	140,044	98,186	252,008	125,702	133,209	23,248	35,748	1,488,786	2,993,683
M	67,045	71,692	113,293	78,046	369,638	122,638	101,353	255,998	118,719	133,027	26,047	35,997	1,464,487	2,957,980
A	63,067	70,267	115,722	77,965	376,857	113,528	102,578	255,069	126,689	132,879	28,022	34,478	1,463,929	2,961,050
A'	58,432	68,088	83,932	78,162	402,402	117,573	89,581	245,433	123,982	125,835	27,552	35,586	1,575,904	3,032,462
	53,597	73,907	83,715	82,030	400,337	148,481	105,581	246,765	138,437	121,071	24,249	36,217	1,586,149	3,100,536
	49,957	61,825	86,938	80,301	397,054	151,269	107,691	229,724	152,076	117,185	23,807	41,544	1,620,801	3,120,172
	43,280	66,645	81,194	84,025	399,021	131,224	114,478	270,278	164,703	119,940	23,761	41,166	1,562,102	3,101,817
	44,920	59,980	81,429	64,768	397,136	141,583	113,824	267,464	160,753	113,038	22,305	41,246	1,535,340	3,043,786
	45,785	62,713	80,671	67,411	404,060	140,483	116,892	275,122	175,046	118,168	20,467	42,407	1,470,799	3,020,024
	45,930	76,418	73,940	67,866	265,041	133,866	123,089	262,581	167,752	116,294	21,872	39,802	1,433,175	2,827,626
	42,322	74,167	70,405	72,792	267,388	132,638	113,625	241,295	172,398	133,462	21,561	34,868	1,498,647	2,875,568
E'95	37,146	71,963	78,111	75,774	250,386	132,598	112,816	249,316	161,305	124,565	20,165	32,417	1,432,370	2,778,932
F	35,467	74,637	67,590	75,299	237,371	120,328	112,444	251,008	160,608	116,423	19,626	33,714	1,457,222	2,761,737
M	34,769	86,367	70,484	75,956	228,664	119,876	105,729	241,509	172,571	111,388	22,195	37,625	1,472,795	2,779,928
A	36,939	93,858	65,355	75,090	223,305	122,422	125,819	239,376	165,403	111,237	20,354	35,974	1,442,654	2,757,786
M	39,469	97,842	74,346	79,512	209,739	126,479	130,260	244,580	180,786	112,754	20,916	35,993	1,334,374	2,687,050
J	49,956	96,770	76,947	77,096	202,149	111,768	127,572	254,819	172,373	114,272	20,366	32,764	1,697,824	3,034,676
J	46,625	98,315	74,085	81,989	205,029	110,491	131,683	254,912	170,127	126,144	19,357	29,995	1,750,227	3,098,979
A	47,622	100,516	82,633	82,507	200,699	123,049	132,354	216,256	165,619	129,993	17,610	28,611	1,993,634	3,321,103
S	53,592	102,206	85,831	86,633	215,271	145,453	130,790	214,394	169,755	154,661	19,026	28,308	2,064,990	3,470,910
O	59,427	100,794	88,125	85,231	232,785	160,106	141,803	229,094	172,528	147,213	19,530	29,030	2,102,994	3,568,660
N	55,288	115,517	96,609	88,769	237,778	161,819	144,230	235,346	187,071	141,043	17,476	28,541	2,058,963	3,568,450
D	55,246	123,657	99,005	91,896	278,707	373,621	143,685	268,502	190,512	117,982	16,548	26,507	2,079,836	3,865,704
E'96	59,345	179,395	91,065	91,456	261,427	385,533	151,316	268,804	195,804	121,996	18,838	25,683	2,144,643	3,995,305
F	68,008	180,320	90,010	106,328	271,505	395,024	191,236	264,221	196,938	123,615	19,135	21,315	2,211,097	4,138,752
M	106,667	181,050	90,649	100,649	291,973	399,391	197,538	294,294	194,050	142,866	13,853	17,239	2,200,141	4,230,360
A	102,833	178,215	91,047	101,350	298,097	397,186	181,093	302,500	199,289	147,117	14,406	21,290	2,271,360	4,305,783
M	102,907	180,728	77,717	96,340	300,627	391,572	178,812	360,365	185,434	155,559	14,364	25,667	2,262,585	4,332,677
J	90,602	177,699	88,940	92,080	309,500	393,488	165,142	353,679	183,428	152,628	14,629	29,231	2,012,468	4,063,514

FUENTE Instituto Nacional de Estadísticas

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**INVERSIÓN EN CONSTRUCCIÓN  
CATASTRADA PARA EL PERÍODO 1996-2000**

SECTOR	Estimada		Proyectada				
	1994	1995	1996	1997	1998	1999	2000
	MM US \$ de 1995						
<b>VIVIENDA</b>	<b>2,441.4</b>	<b>2,669.5</b>	<b>2,810.2</b>	<b>2,849.7</b>	<b>3,070.5</b>	<b>3,365.4</b>	<b>3,567.6</b>
<b>Pública</b>	<b>455.0</b>	<b>472.6</b>	<b>482.5</b>	<b>488.7</b>	<b>492.5</b>	<b>498.5</b>	<b>507.0</b>
MINVU	403.7	413.1	414.1	418.4	420.5	424.5	430.7
Mej.Barrios	51.3	59.5	68.4	70.3	72.0	74.0	76.3
<b>Privada</b>	<b>1,986.4</b>	<b>2,196.9</b>	<b>2,327.7</b>	<b>2,361.0</b>	<b>2,578.0</b>	<b>2,866.9</b>	<b>3,060.6</b>
<b>INFRAESTRUCTURA</b>	<b>3,699.9</b>	<b>3,919.2</b>	<b>4,444.4</b>	<b>4,942.3</b>	<b>5,606.6</b>	<b>5,440.6</b>	<b>4,520.7</b>
<b>Pública</b>	<b>1,187.4</b>	<b>1,365.5</b>	<b>1,695.9</b>	<b>2,329.6</b>	<b>3,026.3</b>	<b>3,207.8</b>	<b>2,649.5</b>
<b>Servicios</b>	<b>1,137.4</b>	<b>1,239.0</b>	<b>1,425.4</b>	<b>1,647.9</b>	<b>1,902.0</b>	<b>2,095.2</b>	<b>2,309.4</b>
MOP	553.9	624.9	733.5	792.2	855.6	924.1	998.0
FNDR	206.4	214.1	230.3	248.8	268.7	290.2	313.4
MINVU	138.8	149.3	168.1	181.6	196.1	211.8	228.7
Mej.Urbano	15.0	22.5	27.0	29.2	31.5	34.0	36.7
EE.SS.SS.	185.7	211.6	219.3	288.0	400.8	464.6	507.6
Ley Bonif.Riego	10.4	10.8	11.1	12.0	12.9	14.0	15.1
D.G.A.C	27.2	5.8	6.0	6.2	6.4	6.6	6.8
Infraest.Educacional		0.0	30.0	90.0	130.0	150.0	203.1
<b>Concesiones O.P.</b>	<b>16.0</b>	<b>49.8</b>	<b>201.0</b>	<b>595.4</b>	<b>1,017.8</b>	<b>1,011.6</b>	<b>249.5</b>
<b>Empresas</b>	<b>34.0</b>	<b>76.7</b>	<b>69.4</b>	<b>86.3</b>	<b>106.6</b>	<b>101.0</b>	<b>90.7</b>
EMPORCHI	7.3	7.4	8.0	8.7	9.4	10.1	10.9
FF.CC.	9.1	12.8	19.6	32.7	36.7	40.2	28.5
METRO	17.6	56.4	41.8	44.9	60.6	50.7	51.2
<b>Privada</b>	<b>2,512.5</b>	<b>2,553.7</b>	<b>2,748.5</b>	<b>2,612.7</b>	<b>2,580.2</b>	<b>2,232.8</b>	<b>1,871.1</b>
<b>Catastro</b>	<b>1,117.6</b>	<b>1,309.1</b>	<b>1,792.4</b>	<b>1,746.0</b>	<b>1,813.0</b>	<b>1,564.9</b>	<b>1,202.5</b>
Energía	227.4	196.9	322.7	462.6	627.8	588.1	446.1
Minería	326.1	415.9	419.6	461.4	606.9	263.4	188.4
Industria	177.7	231.9	276.4	203.5	173.6	96.8	66.8
Telecomunic.	66.1	82.2	88.8	69.2	57.4	127.4	127.2
Comercio	202.8	159.6	293.3	234.9	144.2	161.7	160.3
Turismo	72.7	145.3	207.9	129.2	42.7	121.1	20.3
Otras	44.8	77.4	183.7	185.4	160.3	206.4	193.4
<b>EE.PP. Productivas</b>	<b>184.8</b>	<b>164.6</b>	<b>166.1</b>	<b>166.7</b>	<b>167.3</b>	<b>167.9</b>	<b>168.6</b>
CODELCO	155.8	136.4	136.4	136.4	136.4	136.4	136.4
ENAMI	6.6	6.1	6.8	7.4	8.0	8.6	9.3
ENAP	22.4	22.1	22.9	22.9	22.9	22.9	22.9
<b>Resto</b>	<b>1,210.0</b>	<b>1,080.0</b>	<b>790.0</b>	<b>700.0</b>	<b>600.0</b>	<b>500.0</b>	<b>500.0</b>
<b>I. CONSTRUCCION</b>	<b>6,141.2</b>	<b>6,588.7</b>	<b>7,254.6</b>	<b>7,792.0</b>	<b>8,677.1</b>	<b>8,806.0</b>	<b>8,088.3</b>
<b>Pública</b>	<b>1,811.2</b>	<b>1,952.9</b>	<b>2,143.5</b>	<b>2,389.5</b>	<b>2,668.3</b>	<b>2,862.6</b>	<b>3,075.6</b>
<b>Privada</b>	<b>4,330.0</b>	<b>4,635.8</b>	<b>5,111.1</b>	<b>5,402.4</b>	<b>6,008.8</b>	<b>5,943.4</b>	<b>5,012.7</b>
<b>PIB CONSTRUCCIÓN</b>	<b>3,296.7</b>	<b>3,541.3</b>	<b>3,906.3</b>	<b>4,203.5</b>	<b>4,689.3</b>	<b>4,768.4</b>	<b>4,389.3</b>
<b>PIB GLOBAL</b>	<b>62,000.0</b>	<b>67,298.0</b>	<b>72,210.8</b>	<b>76,471.2</b>	<b>81,441.8</b>	<b>86,735.5</b>	<b>92,373.3</b>
<b>FBCF</b>	<b>13,949.0</b>	<b>15,644.0</b>	<b>17,286.6</b>	<b>18,636.2</b>	<b>20,827.7</b>	<b>23,418.6</b>	<b>25,402.7</b>
<b>FBCF/PIB (%)</b>	<b>22.5%</b>	<b>23.2%</b>	<b>23.9%</b>	<b>24.4%</b>	<b>25.6%</b>	<b>27.0%</b>	<b>27.5%</b>

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Total de Permisos de Edificación Acumulados en 12 meses (m<sup>2</sup>)

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	RM	País
D'93	198,678	227,428	217,433	412,105	1,069,201	467,980	392,369	875,693	432,892	384,264	53,087	72,029	5,171,094	9,974,253
E'94	222,929	260,435	221,758	395,465	1,111,910	471,711	409,385	846,027	437,549	377,478	53,945	54,053	5,014,968	9,877,613
F	223,239	252,106	243,418	400,505	1,146,794	523,983	428,192	846,572	469,516	377,290	53,587	50,943	4,738,766	9,754,911
M	219,903	250,419	238,595	444,896	1,165,157	508,445	443,222	868,829	396,842	383,875	54,568	54,552	4,755,908	9,785,211
A	216,826	256,764	236,460	441,204	1,144,533	517,215	462,921	899,799	407,017	398,362	57,148	67,510	4,605,508	9,711,267
	212,446	230,824	192,523	422,800	1,205,427	541,632	433,547	902,051	430,695	394,011	55,845	70,323	4,758,343	9,850,467
	203,422	233,995	191,197	443,520	1,148,941	564,900	457,793	903,206	473,346	390,922	52,194	70,417	4,680,460	9,814,313
	183,366	251,435	189,039	484,652	1,113,742	565,555	467,100	837,103	507,575	392,550	49,030	75,257	4,818,365	9,934,769
	170,573	243,758	199,876	442,683	1,098,414	540,856	470,675	903,784	512,821	404,091	54,284	81,000	4,863,437	9,986,252
	151,498	231,327	189,832	436,983	1,160,277	560,251	469,221	818,140	506,464	395,800	56,977	90,535	4,660,951	9,728,256
	139,773	228,099	171,449	439,975	1,146,001	535,379	471,739	867,809	517,233	406,634	53,894	92,358	4,611,987	9,682,330
	128,180	257,046	163,637	452,255	1,065,203	567,495	489,114	880,854	509,656	394,901	54,719	92,544	4,715,542	9,771,146
	117,092	260,741	164,129	476,522	1,100,071	558,786	480,314	873,245	504,857	406,671	53,748	86,606	4,842,522	9,925,304
E'95	106,002	229,955	167,660	483,205	1,036,327	552,980	474,702	912,257	524,187	389,511	51,610	83,590	4,793,958	9,805,944
F	104,523	245,012	147,631	471,248	1,009,830	501,464	479,834	934,579	522,305	387,281	51,590	84,184	4,968,264	9,907,745
M	114,740	256,755	157,157	434,873	1,021,713	493,928	471,574	895,988	546,006	375,603	52,482	84,188	5,101,964	10,006,971
A	138,470	265,303	152,688	417,556	1,066,560	491,844	478,122	862,393	552,261	366,389	50,587	68,277	5,119,218	10,029,668
M	142,064	280,936	157,419	449,426	1,047,206	479,760	481,200	889,709	558,259	367,725	52,170	67,766	4,861,624	9,835,264
J	178,863	275,451	156,372	444,222	1,059,026	500,181	497,903	951,904	543,369	370,010	50,969	64,992	5,646,446	10,739,708
J	185,910	248,022	167,661	415,549	1,116,468	503,691	486,888	959,402	556,609	366,112	52,753	62,428	5,755,938	10,877,431
A	188,732	262,991	161,062	435,018	1,119,056	528,415	484,541	887,285	564,803	363,117	46,746	53,716	6,114,312	11,209,794
S	204,761	301,824	170,646	438,639	1,106,903	545,870	486,288	912,349	557,114	379,005	47,171	43,087	6,112,175	11,305,832
O	220,478	291,302	177,467	434,872	1,129,310	577,640	471,493	915,036	565,814	373,284	47,594	46,575	6,471,236	11,722,095
N	217,810	313,280	186,122	423,240	1,095,376	534,900	470,882	930,839	564,522	380,779	46,799	43,972	6,324,466	11,532,987
D	204,771	314,778	183,917	403,939	1,225,518	761,111	468,229	1,015,686	578,160	354,686	46,585	42,603	6,097,120	11,697,103
E'96	196,786	385,143	177,419	437,608	1,247,260	789,676	489,381	1,037,298	550,864	371,821	52,359	43,570	6,470,632	12,249,817
F	221,694	386,856	186,298	499,372	1,266,739	807,976	503,952	1,075,505	562,606	367,650	53,416	43,637	6,529,171	12,504,872
M	269,726	380,005	178,419	494,886	1,294,986	807,973	496,647	1,141,169	556,314	398,937	49,134	39,184	6,387,558	12,494,938
A	233,629	380,961	197,691	499,180	1,336,209	800,706	482,532	1,194,585	563,451	421,694	48,267	43,239	6,395,549	12,597,693
M	232,103	402,571	178,688	505,933	1,413,578	789,156	508,966	1,231,230	542,646	423,964	46,531	47,471	6,404,208	12,727,045
J	191,386	400,027	190,304	481,992	1,519,715	760,800	487,731	1,133,013	527,342	392,382	51,194	52,142	5,747,086	11,935,114

FUENTE Instituto Nacional de Estadísticas

**INVERSIÓN EN CONSTRUCCIÓN  
EN EL PERÍODO 1992 - 1995 Y  
CATASTRADA PARA EL PERÍODO 1996-2000**

SECTOR	Estimada		Proyectada				
	1994	1995	1996	1997	1998	1999	2000
<b>VIVIENDA</b>	<b>-4.8%</b>	<b>9.3%</b>	<b>5.3%</b>	<b>1.4%</b>	<b>7.7%</b>	<b>9.6%</b>	<b>6.0%</b>
<b>Pública</b>	<b>9.3%</b>	<b>3.9%</b>	<b>2.1%</b>	<b>1.3%</b>	<b>0.8%</b>	<b>1.2%</b>	<b>1.7%</b>
MINVU	11.1%	2.3%	0.2%	1.0%	0.5%	1.0%	1.5%
Mej.Barrios	-2.9%	15.8%	15.0%	2.8%	2.4%	2.7%	3.1%
<b>Privada</b>	<b>-7.6%</b>	<b>10.6%</b>	<b>6.0%</b>	<b>1.4%</b>	<b>9.2%</b>	<b>11.2%</b>	<b>6.8%</b>
<b>INFRAESTRUCTURA</b>	<b>7.0%</b>	<b>5.9%</b>	<b>13.4%</b>	<b>11.2%</b>	<b>13.4%</b>	<b>-3.0%</b>	<b>-16.9%</b>
<b>Pública</b>	<b>14.4%</b>	<b>15.0%</b>	<b>24.2%</b>	<b>37.4%</b>	<b>29.9%</b>	<b>6.0%</b>	<b>-17.4%</b>
<b>Servicios</b>	<b>13.5%</b>	<b>8.9%</b>	<b>15.0%</b>	<b>15.6%</b>	<b>15.4%</b>	<b>10.2%</b>	<b>10.2%</b>
MOP	16.4%	12.8%	17.4%	8.0%	8.0%	8.0%	8.0%
FNDR	4.0%	3.7%	7.6%	8.0%	8.0%	8.0%	8.0%
MINVU	21.6%	7.6%	12.6%	8.0%	8.0%	8.0%	8.0%
Mej.Urbano	41.4%	49.6%	20.2%	8.0%	8.0%	8.0%	8.0%
EE.SS.SS.	18.3%	14.0%	3.6%	31.3%	39.2%	15.9%	9.2%
Ley Bonif.Riego	25.2%	3.3%	3.0%	8.0%	8.0%	8.0%	8.0%
D.G.A.C	-28.8%	-78.5%	3.0%	3.0%	3.0%	3.0%	3.0%
Infraest.Educacional				200.0%	44.4%	15.4%	35.4%
<b>Concesiones O.P.</b>	<b>548.5%</b>	<b>211.3%</b>	<b>303.6%</b>	<b>196.2%</b>	<b>70.9%</b>	<b>-0.6%</b>	<b>-75.3%</b>
<b>Empresas</b>	<b>4.1%</b>	<b>125.5%</b>	<b>-9.4%</b>	<b>24.2%</b>	<b>23.5%</b>	<b>-5.2%</b>	<b>-10.2%</b>
EMPORCHI	-41.3%	1.6%	7.7%	8.0%	8.0%	8.0%	8.0%
FF.CC.	-20.0%	41.8%	52.7%	66.9%	12.1%	9.7%	-29.1%
METRO	98.4%	220.0%	-25.8%	7.3%	34.9%	-16.3%	1.1%
<b>Privada</b>	<b>3.7%</b>	<b>1.6%</b>	<b>7.6%</b>	<b>-4.9%</b>	<b>-1.2%</b>	<b>-13.5%</b>	<b>-16.2%</b>
<b>Catastro</b>	<b>3.9%</b>	<b>17.1%</b>	<b>36.9%</b>	<b>-2.6%</b>	<b>3.8%</b>	<b>-13.7%</b>	<b>-23.2%</b>
Energía	66.0%	-13.4%	63.9%	43.3%	35.7%	-6.3%	-24.1%
Minería	-1.7%	27.5%	0.9%	10.0%	31.5%	-56.6%	-28.5%
Industria	31.0%	30.5%	19.2%	-26.4%	-14.7%	-44.2%	-31.0%
Telecomunic.	-28.5%	24.3%	8.0%	-22.1%	-17.1%	122.0%	-0.2%
Comercio	14.2%	-21.3%	83.7%	-19.9%	-38.6%	12.1%	-0.9%
Turismo	-45.0%	99.9%	43.1%	-37.9%	-66.9%	183.6%	-83.2%
Otras	-35.1%	72.6%	137.5%	0.9%	-13.5%	28.8%	-6.3%
<b>EE.PP. Productivas</b>	<b>-7.8%</b>	<b>-10.9%</b>	<b>0.9%</b>	<b>0.3%</b>	<b>0.4%</b>	<b>0.4%</b>	<b>0.4%</b>
CODELCO	-7.1%	-12.5%	0.0%	0.0%	0.0%	0.0%	0.0%
ENAMI	-0.4%	-7.4%	11.3%	8.0%	8.0%	8.0%	8.0%
ENAP	-14.5%	-1.1%	3.6%	0.0%	0.0%	0.0%	0.0%
<b>Resto</b>	<b>5.6%</b>	<b>-10.7%</b>	<b>-26.9%</b>	<b>-11.4%</b>	<b>-14.3%</b>	<b>-16.7%</b>	<b>0.0%</b>
<b>I. CONSTRUCCION</b>	<b>1.9%</b>	<b>7.3%</b>	<b>10.1%</b>	<b>7.4%</b>	<b>11.4%</b>	<b>1.5%</b>	<b>-8.2%</b>
<b>Pública</b>	<b>9.6%</b>	<b>7.8%</b>	<b>9.8%</b>	<b>11.5%</b>	<b>11.7%</b>	<b>7.3%</b>	<b>7.4%</b>
<b>Privada</b>	<b>-1.0%</b>	<b>7.1%</b>	<b>10.3%</b>	<b>5.7%</b>	<b>11.2%</b>	<b>-1.1%</b>	<b>-15.7%</b>
<b>PIB CONSTRUCCIÓN</b>	<b>2.0%</b>	<b>7.4%</b>	<b>10.3%</b>	<b>7.6%</b>	<b>11.6%</b>	<b>1.7%</b>	<b>-8.0%</b>
<b>PIB GLOBAL</b>	<b>8.1%</b>	<b>8.5%</b>	<b>7.3%</b>	<b>5.9%</b>	<b>6.5%</b>	<b>6.5%</b>	<b>6.5%</b>
<b>FBCF</b>	<b>-0.5%</b>	<b>12.2%</b>	<b>10.5%</b>	<b>7.8%</b>	<b>11.8%</b>	<b>12.4%</b>	<b>8.5%</b>
<b>FBCF/PIB (%)</b>	<b>-8.0%</b>	<b>3.3%</b>	<b>3.0%</b>	<b>1.8%</b>	<b>4.9%</b>	<b>5.6%</b>	<b>1.9%</b>

Número de Viviendas Autorizadas Mensualmente														
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	RM	País
E'93	9	86	193	335	1,571	438	391	747	234	576	46	544	5,596	10,766
F	11	177	136	157	258	251	504	302	178	236	85	208	5,249	7,752
M	141	361	100	489	568	600	473	923	1,953	294	129	17	3,848	9,896
A	228	62	46	919	820	511	262	198	385	199	93	8	5,781	9,512
M	24	552	330	606	654	765	734	671	397	265	105	19	5,537	10,659
J	125	148	175	310	1,663	743	171	1,048	266	377	27	14	7,107	12,174
J	381	38	77	442	1,151	323	430	1,842	343	406	78	61	1,945	7,517
A	274	434	26	1,098	1,291	364	490	1,152	511	281	16	13	3,543	9,493
S	387	114	344	318	506	388	938	2,253	905	436	27	42	6,399	13,057
O	263	360	254	191	753	805	1,261	272	488	193	77	3	2,402	7,322
N	208	245	121	690	612	433	313	350	340	387	18	9	2,724	6,450
D	303	89	91	322	1,019	971	705	932	497	386	66	16	7,388	12,785
E'94	208	495	134	135	925	641	725	288	256	389	22	14	3,296	7,528
F	12	252	118	417	1,039	1,107	885	381	752	249	37	16	2,760	8,025
M	10	159	36	1,370	1,106	740	851	1,178	379	404	70	159	5,009	11,471
A	321	260	11	654	464	649	702	959	729	518	67	357	3,849	9,540
M	31	12	229	372	589	1,175	449	1,022	956	281	75	26	5,959	11,176
J	302	266	146	971	497	626	347	886	891	507	14	6	3,908	9,367
J	24	805	32	1,214	359	498	1,043	1,120	731	562	22	22	3,438	9,870
A	9	103	386	441	953	322	364	1,157	309	720	171	152	5,732	10,819
S	140	60	117	730	1,698	626	648	615	643	461	110	323	2,726	8,897
O	28	232	60	215	688	296	1,352	1,401	366	682	20	6	2,877	8,223
N	123	477	93	789	1,782	1,326	708	841	444	106	18	77	3,748	10,532
D	352	124	510	885	1,198	698	598	1,517	535	161	50	6	6,545	13,179
E'95	234	53	31	189	1,166	412	605	755	612	212	24	7	3,763	8,063
F	10	538	16	198	539	320	892	679	553	454	72	11	3,907	8,189
M	136	274	226	634	1,455	367	680	703	554	275	59	12	7,183	12,558
A	471	139	22	402	1,080	616	259	255	596	300	52	9	3,917	8,118
M	68	174	88	800	1,029	774	305	1,431	774	371	110	35	3,334	9,293
J	558	87	88	600	1,032	1,538	940	2,036	593	661	9	9	10,176	18,327
J	312	63	375	698	1,377	455	247	794	879	165	109	15	5,069	10,558
A	31	290	78	848	1,000	548	255	636	723	417	47	1	4,456	9,330
S	190	652	428	568	958	447	958	1,657	287	125	93	34	1,595	7,992
O	173	105	149	142	582	554	743	799	449	433	26	36	8,217	12,408
N	142	871	177	481	965	404	473	670	255	397	41	11	3,749	8,636
D	13	68	63	334	2,889	857	546	2,655	784	356	39	30	2,695	11,329
E'96	14	378	80	951	1,997	710	871	1,390	180	516	113	17	8,710	15,927
F	269	564	211	1,270	709	512	309	1,555	555	274	81	209	4,569	11,087
M	216	56	17	528	1,539	387	443	1,314	357	604	88	9	4,563	10,121
A	30	143	431	453	1,293	411	367	1,218	546	554	45	8	2,568	8,067
M	31	479	18	1,463	2,156	603	932	662	536	405	72	44	2,627	10,028
J	160	105	59	226	2,305	633	640	321	359	18	129	25	3,690	8,670

FUENTE

Instituto Nacional de Estadísticas

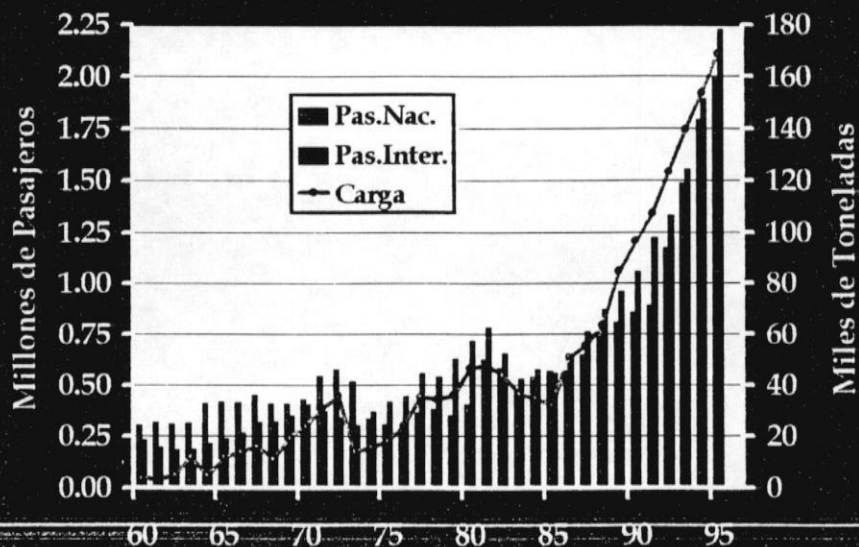


## Ferrocarriles

- *Necesidades : US \$ 458 millones*
  - *Recuperación de vías y equipos*
- *Proyectos*
  - *Concesiones de carga y pasajeros*
  - *Privatización Ferromor*
  - *Trenes suburbanos*
  - *Desarrollos inmobiliarios*



## Transporte Aéreo



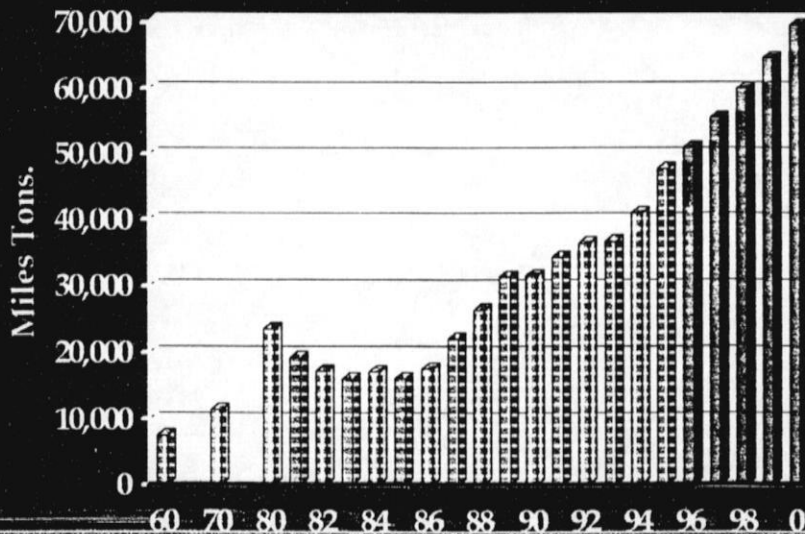


## Aeropuertos

- *Necesidades: US\$ 173 millones*
  - *Ampliar y modernizar terminales*
  - *Ampliar y conservar pistas*
  - *Sistemas de seguridad y apoyo terrestre a naves en vuelo*
- *Proyectos*
  - *Concesiones para construcción y operación de terminales*



## Carga Portuaria Internacional



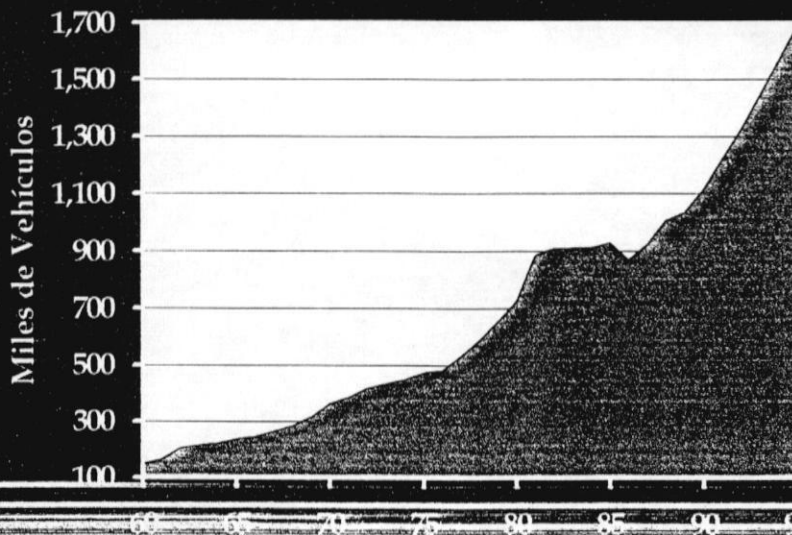


## Puertos

- *Necesidades : US\$ 500 millones*
  - *Construcción de sitios y almacenes*
  - *Modernización de equipos*
  - *Ampliación de instalaciones*
- *Proyectos*
  - *Nueva Ley de Emporchi*
    - » *Concesión de sitios*
  - *Nueva legislación portuaria*



## Parque Automotriz

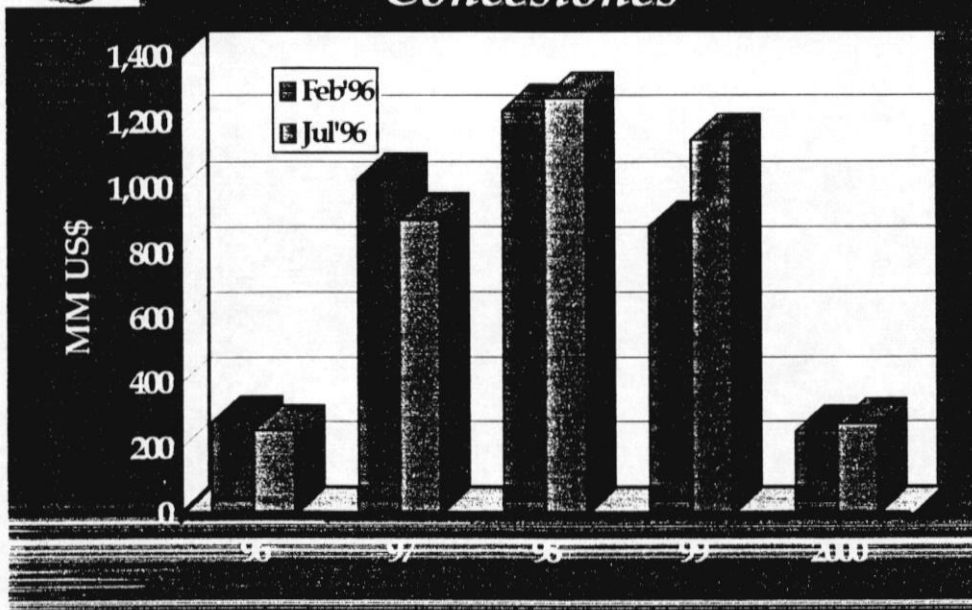




## Programa de Concesiones de Obras Públicas

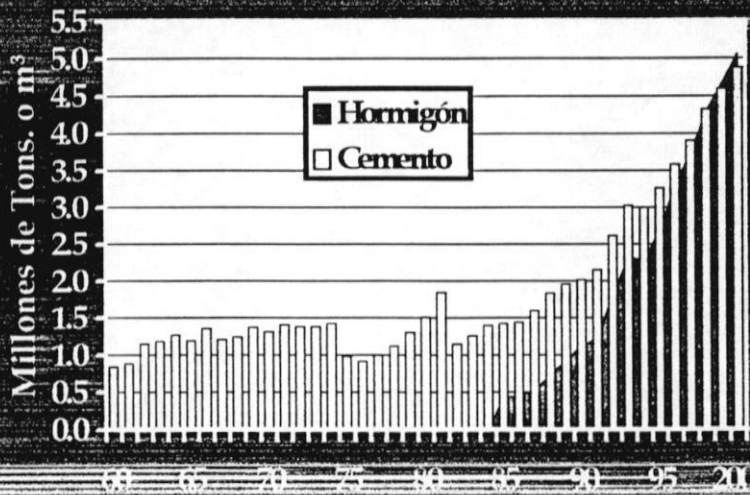


## Flujo de Inversión en Concesiones





## Mercado del Cemento y el Hormigón Premezclado



tiago, Jueves 14 de Agosto  
de 1996

CÁMARA CHILENA DE LA CONSTRUCCIÓN

Jueves 14 de Julio de 1996

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# PLAN DE CONCESIONES DE OBRAS PUBLICAS 1993-2000

## Adjudicaciones por Año

PROYECTOS	INVERSION ESTIMADA (MM US\$)	Montos Adjudicados Según Año (Millones US\$)					
		93	94	95	96	97	98

### GRUPO I: CONCESION RUTA 5

Ruta 5, Los Vilos-Santiago	148				148		
Ruta 5, Talca-Chillán	160				160		
Ruta 5, La Serena-Los Vilos	235				235		
Ruta 5, Santiago-Talca	112					112	
Ruta 5, Autopista Santiago-San Fdo.	230					230	
Ruta 5, Chillán-Collipulli	161					161	
Ruta 5, Collipulli-Temuco	212					212	
Ruta 5, Temuco-Río Bueno	131					131	
Ruta 5, Río Bueno-Puerto Montt	128					128	
Ruta 5, Cruce Canal de Chacao	80						80
<b>Subtotal Grupo I</b>	<b>1,597</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>543</b>	<b>974</b>	<b>80</b>

### GRUPO II: CONCESIONES URBANAS

Mejoramiento Integral Avda. Américo Vespucio **	158					158	
Sistema Norte-Sur Stgo., Incluye: Avda. Gnral. Velazquez y Panam.-Avda.Norte NS-Ruta 5	132					132	
Sistema Oriente-Poniente Stgo., Incluye: A.Costanera Norte, Kennedy y Las Condes	233					233	
Acceso Vial Aeropuerto CAMB, Stgo. **	12				12		
Radial Nor-Oriente **	103					103	
Pié Andino. S. Las Condes-Ruta 5 **	110						110
Ruta68, Sector Río Mapocho-Las Rejas	10						10
Isabel Riquelme- Rodrigo de Araya	52						52
Eje Las Industrias-La Serena	44						44
<b>Subtotal Grupo II</b>	<b>854</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12</b>	<b>626</b>	<b>216</b>

### GRUPO III: CONCESIONES INTERURBANAS Y OTROS

Túnel El Melón	39	39					
Camino de la Madera, Acc. Sur a Concep.	34		33.7				
Acceso Norte a Concepción	197			197			
Ruta 78, Santiago-San Antonio	158			158			
Camino del Rípio **	1			0.5			
Camino Puchuncavi-Nogales	11			11			
Red Vial Cartagena-Quintay	60					60	
Autopista La Dormida y Ruta 68, Santiago-Valparaiso	440					440	
Ruta 57 CH, Santiago-Los Andes **	80				80		
Camino a Corral **	40					40	
Ruta 60 CH, Los Andes-Concón	36						36
Centro Portuario Industrial de Concepción **	170						170
Canal El Morro. Talcahuano **	18					18	
Progr. Recuperación Ribera Norte Bío-Bío **	98					98	
Aeropuerto Diego Aracena, Iquique **	5			5			
Aeropuerto El Tepual, Puerto Montt **	5			5.3			
Aeropuerto Carriel Sur, Concepción **	8				7.5		
Aeropuerto El Loa, Calama **	2				2		
Aeropuerto La Florida, La Serena	3				2.5		
Complejo Aduanero Los Andes	3				3		
Camino Lota-Cañete **	60					60	
Camino Catapilco-Placilla	15						15
<b>Subtotal Grupo III</b>	<b>1,481.5</b>	<b>39</b>	<b>33.7</b>	<b>376.8</b>	<b>95</b>	<b>716</b>	<b>221</b>

<b>TOTAL GENERAL</b>	<b>3,932.5</b>	<b>39</b>	<b>33.7</b>	<b>376.8</b>	<b>650</b>	<b>2,316</b>	<b>517</b>
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NOTA: \*\* Proyectos por iniciativa privada.

FUENTE: Ministerio de Obras Públicas. 10 de Julio de 1996.

**PROGRAMA TENTATIVO DE CONCESIONES**  
**ADJUDICACIONES 1993 - 1997**

PROYECTOS	INVERSION (MM US\$)	PRECALIFI- CACION	LLAMADO A LICITACION	APERTURA PROP. TECNICA	APERTURA PROP. ECONOMICA	ADJUDICACION	POSTER- GACION
<b>1993</b>							
1.- Túnel El Melón	39		AGOSTO 92	DICIEMBRE 92	ENERO 93	ABRIL 93	
<b>TOTAL ADJUDICACIONES 1993</b>	<b>39.0</b>						
<b>1994</b>							
2.- Camino de la Madera, Acc. Sur a Concep.	33.7					ABRIL 94	
<b>TOTAL ADJUDICACIONES 1994</b>	<b>33.7</b>						
<b>1995</b>							
3.- Acceso Norte a Concepción	197				NOVIEMBRE 94	ENERO 95	
4.- Camino del Rípio	** 0.5		1 SEPTIEMBRE 94	FEBRERO 95	20 FEBRERO 95	MARZO 95	
5.- Ruta 78, Santiago-San Antonio	158		16 MAYO 94	12 ABRIL 95	31 MAYO 95	31 JULIO 95	
6.- Camino Puchuncaví-Nogales	11			1 JUNIO 95	4 JULIO 95	AGOSTO 95	
7.- Aeropuerto El Tepual, Puerto Montt	** 5.3			4 ABRIL 95	19 MAYO 95	SEPTIEMBRE 95	
8.- Aeropuerto Diego Aracena, Iquique	** 5		16 OCTUBRE 94	20 JUNIO 95	20 JULIO 95	21 SEPTIEMBRE 95	
<b>TOTAL ADJUDICACIONES 1995</b>	<b>376.8</b>						
<b>1996</b>							
9.- Ruta 5, Talca-Chillán	160	10 FEBRERO 95	OCTUBRE 95	DICIEMBRE 95	DICIEMBRE 95	ENERO 96	
10.- Acceso Vial Aeropuerto CAMB, Stgo.	** 12		24 ABRIL 95	12 SEPTIEMBRE 95	27 OCTUBRE 95	MARZO 96	
11.- Aeropuerto La Florida, La Serena	2.5		ENERO 96	MAYO 96	JUNIO 96	AGOSTO 96	
12.- Ruta 5, Santiago-Los Vilos	148	SEPTIEMBRE 95	25 ABRIL 96	29 JUNIO 96	17 JULIO 96	AGOSTO 96	0
14.- Ruta 57 + G15, Santiago-Colina-Los Andes	** 80	NOVIEMBRE 95	25 ABRIL 96	14 AGOSTO 96	28 AGOSTO 96	OCTUBRE 96	0
15.- Aeropuerto Carriel Sur, Concepción	** 7.5		JUNIO 96	JULIO 96	SEPTIEMBRE 96	NOVIEMBRE 96	
17.- Aeropuerto El Loa, Calama	** 2		JUNIO 96	1 SEPTIEMBRE 96	16 OCTUBRE 96	16 DICIEMBRE 96	
19.- Complejo Aduanero Los Andes	3		JUNIO 96	SEPTIEMBRE 96	OCTUBRE 96	DICIEMBRE 96	
23.- Ruta 5, La Serena-Los Vilos	235	SEPTIEMBRE 95	16 SEPTIEMBRE 96	22 OCTUBRE 96	8 NOVIEMBRE 96	DICIEMBRE 96	0
<b>TOTAL ADJUDICACIONES 1996</b>	<b>650.0</b>						
<b>1997</b>							
20.- Ruta 5, Chillán-Collipulli	161	SEPTIEMBRE 95	16 SEPTIEMBRE 96	19 NOVIEMBRE 96	29 NOVIEMBRE 96	ENERO 97	1
24.- Ruta 5, Autopista Santiago-San Fdo.	230	SEPTIEMBRE 95	OCTUBRE 96	DICIEMBRE 96	DICIEMBRE 96	FEBRERO 97	
18.- Sistema Oriente-Poniente Stgo., Incluye: A. Costanera Norte, Kennedy y Las Condes	233	FEBRERO 96	12 SEPTIEMBRE 96	6 DICIEMBRE 96	29 DICIEMBRE 96	FEBRERO 97	2
25.- Ruta 5, Santiago-Talca	112	SEPTIEMBRE 95	11 DICIEMBRE 96	8 JULIO 97	31 JULIO 97	SEPTIEMBRE 97	7
13.- Autopista La Dormida y Ruta 68, Santiago-Valparaíso	440	NOVIEMBRE 95	3 JUNIO 96	3 ENERO 97	7 FEBRERO 97	MARZO 97	4
26.- Ruta 5, Collipulli-Temuco	212	SEPTIEMBRE 95	11 DICIEMBRE 96	11 FEBRERO 97	28 FEBRERO 97	ABRIL 97	2
16.- Sistema Norte-Sur Stgo., Incluye: Avda. Gnal. Velazquez y Panam.-Avda. Norte NS-Ruta 5	132	FEBRERO 96	10 DICIEMBRE 96	11 MARZO 97	31 MARZO 97	ABRIL 97	3
21.- Ruta 5, Temuco-Río Bueno	131	SEPTIEMBRE 95	11 DICIEMBRE 96	8 ABRIL 97	30 ABRIL 97	JUNIO 97	6
22.- Ruta 5, Río Bueno-Puerto Montt	128	SEPTIEMBRE 95	11 DICIEMBRE 96	6 MAYO 97	30 MAYO 97	JUNIO 97	6
27.- Mejoramiento Integral Avda. Américo Vespucio	** 158	FEBRERO 96	7 MARZO 97	3 JUNIO 97	30 JUNIO 97	JULIO 97	3
28.- Canal El Morro	** 18		DICIEMBRE 96	MAYO 97	JULIO 97	SEPTIEMBRE 97	
29.- Red Vial Cartagena-Quintay	60	ENERO 97	MAYO 97	AGOSTO 97	AGOSTO 97	SEPTIEMBRE 97	
30.- Radial Nor-Oriente	** 103	ENERO 97	ABRIL 97	JULIO 97	AGOSTO 97	OCTUBRE 97	
31.- Camino a Corral	** 40	JUNIO 97	SEPTIEMBRE 97	OCTUBRE 97	OCTUBRE 97	DICIEMBRE 97	
32.- Camino Lota-Cañete	** 60	ABRIL 97	SEPTIEMBRE 97	NOVIEMBRE 97	NOVIEMBRE 97	DICIEMBRE 97	
33.- Programa Recuperación Ribera Norte Bío-Bío	** 98	MARZO 97	JULIO 97	SEPTIEMBRE 97	NOVIEMBRE 97	DICIEMBRE 97	
<b>TOTAL ADJUDICACIONES 1997</b>	<b>2,316.0</b>						
<b>TOTAL 1993 - 1997</b>	<b>3,416</b>						

NOTA: \*\* Proyectos por iniciativa privada.

La postergación corresponde al número de meses con relación a la Apertura de la Oferta económica.

FUENTE: Ministerio de Obras Públicas, 8 de Febrero Y 10 de Julio de 1996.

## Superficie de Viviendas Autorizada Mensualmente (m²)

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	RM	País
E'93	737	7,476	5,011	22,851	105,120	20,348	17,752	33,260	19,204	32,253	1,856	22,740	444,943	733,551
F	672	7,786	2,750	13,013	24,592	13,425	25,813	32,156	8,155	14,288	3,524	3,314	363,402	512,890
M	5,601	18,635	5,575	27,409	46,517	29,631	25,726	55,814	84,543	16,897	6,239	1,707	288,921	613,215
A	12,039	4,654	5,606	39,880	59,784	19,094	10,662	17,273	21,911	11,997	2,661	695	348,103	554,359
M	2,439	24,737	23,337	33,929	35,719	35,136	34,081	42,124	19,828	18,996	4,073	1,488	326,913	602,800
J	10,479	14,899	9,351	22,936	90,242	38,111	9,087	65,925	11,861	28,844	1,393	1,096	386,146	690,370
J	18,804	4,122	9,003	24,671	61,326	23,870	21,364	89,990	12,340	24,811	3,872	1,518	153,727	449,418
A	6,790	21,478	2,546	66,143	83,687	22,838	19,259	56,123	28,411	19,363	681	1,274	206,262	534,855
S	27,458	10,028	20,450	20,444	48,231	23,332	39,503	119,695	31,731	22,365	1,385	1,894	376,814	743,330
O	15,688	21,095	21,394	10,698	64,103	39,441	57,781	16,520	25,834	13,315	2,515	204	178,990	467,578
N	17,638	14,816	5,794	30,031	46,665	26,514	15,679	22,478	31,560	19,376	1,390	1,051	213,231	446,223
D	21,124	5,940	6,463	21,192	63,068	39,172	30,126	65,531	33,844	28,764	2,617	1,509	386,604	705,954
E'94	18,543	33,422	7,321	8,467	120,406	30,571	32,421	14,505	12,598	24,954	1,877	1,089	220,992	527,166
F	812	9,347	10,428	21,250	54,656	56,229	34,317	28,586	29,353	14,399	1,636	1,670	163,277	425,960
M	1,044	14,189	3,609	67,209	67,632	31,499	37,589	74,081	18,852	23,664	4,421	5,067	330,362	679,218
A	12,940	12,424	1,042	36,269	31,941	36,974	29,136	49,172	24,116	26,632	3,266	15,172	198,261	477,345
M	2,694	976	11,190	15,328	71,068	55,508	17,704	54,012	46,213	21,689	3,240	3,193	367,773	670,588
J	6,290	12,251	8,242	39,788	35,821	30,471	17,333	65,748	40,057	30,519	1,045	559	298,018	586,142
J	2,388	33,644	3,622	67,532	29,410	21,737	28,561	40,928	32,930	30,325	1,150	1,031	256,980	550,238
A	674	8,981	19,127	20,450	66,392	18,184	16,047	82,250	21,030	28,149	5,981	7,395	310,033	604,693
S	6,743	4,262	10,171	34,001	111,979	32,368	38,703	36,865	29,324	20,976	5,534	11,349	201,090	543,365
O	3,098	15,134	3,769	11,047	42,903	15,669	57,231	58,531	22,310	19,019	1,270	866	194,567	445,414
N	5,900	30,058	4,713	41,856	104,886	65,247	26,857	48,064	31,277	9,517	810	3,842	354,410	727,437
D	13,644	11,886	10,490	40,533	95,589	31,691	30,790	79,208	24,399	23,366	1,957	505	448,112	812,170
E'95	12,629	4,840	3,146	12,168	73,664	24,805	27,618	45,496	43,021	16,691	1,135	524	238,705	504,442
F	1,012	21,730	920	9,768	41,174	16,983	39,821	49,216	28,168	20,311	2,155	967	312,731	544,956
M	11,959	14,202	10,241	30,177	88,222	24,415	36,044	44,989	30,590	17,021	2,744	1,160	448,489	760,253
A	34,500	13,481	1,702	19,818	82,147	32,344	15,594	17,710	37,539	17,569	3,212	912	245,656	522,184
M	3,758	12,625	6,930	42,776	65,280	39,367	16,341	76,124	36,828	21,508	4,261	2,663	218,459	546,920
J	32,602	7,838	4,594	37,000	55,231	65,603	36,724	117,704	33,580	31,286	394	1,014	719,390	1,142,960
J	12,766	4,670	17,773	33,966	83,972	26,524	13,435	48,333	48,416	14,555	3,943	1,236	314,069	623,658
A	2,499	21,749	3,980	39,401	73,310	30,350	13,029	48,789	33,732	21,305	1,721	67	425,000	714,932
S	16,802	41,405	16,557	33,496	85,254	27,419	42,014	63,791	17,499	12,196	4,543	1,023	127,597	489,596
O	12,980	6,024	8,296	8,682	47,796	32,786	31,423	46,512	28,237	20,746	1,189	3,632	515,624	763,927
N	7,371	37,313	4,884	26,686	65,959	20,794	23,819	57,621	15,442	23,182	2,069	1,728	251,671	538,539
D	647	5,244	5,889	18,105	184,802	46,100	28,682	130,899	34,596	20,334	2,671	1,170	199,893	679,032
E'96	545	19,467	4,588	46,277	112,686	41,458	41,139	66,806	10,433	29,812	4,619	2,315	547,410	927,555
F	17,257	22,518	10,854	56,660	50,575	25,792	14,472	92,006	38,776	14,521	2,915	5,402	304,816	656,564
M	21,332	6,621	1,723	31,370	96,001	20,045	22,437	80,580	27,186	29,057	3,744	783	317,832	658,711
A	2,237	17,272	20,576	23,411	117,246	27,282	17,924	62,920	39,437	36,075	1,792	916	182,428	549,516
M	2,158	31,722	1,257	54,539	140,119	33,431	45,056	54,904	29,878	15,336	2,567	2,518	235,893	649,378
J	4,190	8,323	4,987	17,319	152,495	35,331	29,159	26,173	20,282	2,635	4,792	2,121	312,385	620,192

FUENTE Instituto Nacional de Estadísticas

Permisos de Edificación Industria, Comercio y Establecimientos Financieros Autorizados Mensualmente (m²)														
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	RM	País
E'93	434	2,359	1,525	4,781	14,427	11,081	1,917	9,746	10,125	9,980	524	1,806	118,740	187,445
F	2,405	9,104	342	5,681	15,657	3,358	2,718	11,933	2,945	8,981	357	4,979	135,101	203,561
M	493	1,865	536	1,968	20,893	24,110	4,640	14,501	6,500	13,917	930	1,912	91,548	183,813
A	5,429	1,764	1,227	3,625	7,304	11,989	1,684	11,468	3,504	4,373	341	3,693	83,268	139,669
M	917	2,274	34,334	2,756	4,505	2,740	14,658	11,631	5,456	10,350	952	807	76,849	168,229
J	7,363	2,752	2,998	4,070	23,639	2,881	3,218	12,890	3,818	7,508	1,402	2,430	76,983	151,952
J	1,644	11,269	3,065	6,349	18,091	3,855	4,070	23,082	1,017	4,968	1,212	1,016	105,885	185,523
A	7,582	1,707	8,149	1,956	13,129	21,962	2,715	9,818	4,020	3,935	215	1,621	134,662	211,471
S	3,993	6,263	7,091	22,993	11,440	7,376	5,534	27,821	10,447	10,426	1,077	0	100,999	215,460
O	3,077	4,400	1,311	5,527	1,753	2,983	3,075	7,421	2,179	8,118	1,272	729	111,444	153,289
N	4,819	3,625	6,799	3,999	146,114	10,935	1,315	8,743	15,828	11,791	680	3,830	164,278	382,756
D	4,189	5,576	7,842	3,176	20,185	7,075	17,026	39,948	4,260	9,382	1,955	825	134,752	256,191
E'94	4,485	7,636	3,248	2,687	40,682	4,144	3,564	3,382	15,738	10,025	1,647	3,227	193,163	293,628
F	2,788	1,681	10,545	1,069	18,212	8,609	2,648	12,928	12,417	9,841	287	1,105	47,627	129,757
M	406	6,396	1,651	5,386	17,846	5,440	8,235	17,278	3,677	12,987	2,284	1,398	63,571	146,555
A	1,029	423	6,957	3,129	11,438	6,415	2,072	8,810	9,089	5,616	1,669	2,249	97,037	155,933
M	1,668	1,039	5,823	3,356	23,671	6,773	1,678	8,094	7,192	5,367	1,202	1,781	183,831	251,475
J	2,429	9,458	2,632	8,235	20,847	33,291	19,469	14,081	16,581	4,007	746	3,123	94,037	228,936
J	3,777	1,486	2,774	3,863	15,747	7,973	3,631	4,533	8,121	2,438	791	6,145	135,960	197,239
A	533	3,338	3,154	5,561	17,957	3,116	4,632	48,900	16,551	7,708	1,296	1,019	74,810	188,575
S	4,243	1,892	5,956	3,392	12,203	18,010	8,629	20,294	7,058	3,864	251	457	53,807	140,056
O	2,438	3,951	762	1,700	8,728	3,074	3,271	12,328	6,396	12,700	254	159	46,712	102,473
N	4,819	17,256	5,348	3,889	7,461	4,238	6,644	9,749	3,564	11,971	175	1,567	118,701	195,382
D	1,038	2,154	4,545	10,938	32,281	9,266	8,152	23,701	5,950	23,342	1,106	1,406	168,635	292,514
E'95	1,625	3,236	9,936	4,452	24,518	2,197	4,734	12,949	9,701	1,358	251	1,169	134,418	210,544
F	486	3,874	3,703	1,422	4,745	2,094	10,633	21,319	9,255	4,411	547	5,332	82,721	150,542
M	1,284	17,991	1,834	5,470	6,261	7,403	2,315	8,436	4,551	8,652	3,343	5,991	82,645	156,176
A	3,532	8,285	1,503	3,181	9,259	5,295	20,903	8,716	3,390	4,307	353	435	71,217	140,376
M	4,002	4,694	13,782	7,924	17,870	10,031	6,469	11,195	20,907	7,422	1,820	2,097	88,550	196,763
J	13,085	7,215	5,860	5,401	13,123	17,924	17,590	16,883	10,421	2,465	42	231	439,717	549,957
J	1,460	3,440	3,114	9,404	15,099	4,721	10,123	7,818	9,713	4,465	151	3,420	178,123	251,051
A	1,884	8,501	9,577	4,834	13,565	14,654	9,181	13,148	14,251	7,681	213	101	324,258	421,848
S	10,928	3,917	8,804	10,163	23,723	40,754	5,494	25,120	11,756	26,508	1,117	386	104,487	273,157
O	8,748	3,982	3,719	3,931	28,942	18,352	17,432	30,066	9,971	7,430	638	2,624	70,818	206,653
N	491	32,257	11,892	7,173	12,394	7,345	6,655	10,338	13,546	4,603	31	555	68,959	176,239
D	584	12,486	3,623	2,621	72,384	217,531	6,499	57,676	14,619	3,281	902	0	211,245	603,451
E'96	4,584	61,372	3,298	5,229	7,962	11,940	8,965	13,640	8,432	7,105	2,403	1,804	187,975	324,709
F	8,039	5,721	3,160	15,095	9,407	11,608	52,651	15,514	11,209	3,135	2,508	975	150,091	289,113
M	38,488	16,809	3,762	1,284	15,151	8,551	10,076	37,560	9,166	19,128	1,027	1,358	63,326	225,686
A	148	5,619	1,913	1,590	9,182	6,271	2,970	13,964	8,029	9,419	1,490	1,947	147,575	210,117
M	3,283	7,353	1,443	2,421	19,712	5,713	4,668	63,431	6,697	15,450	1,157	5,738	66,431	203,497
J	780	4,674	10,544	513	18,712	17,250	4,254	17,764	4,387	201	461	3,617	201,114	284,271

FUENTE Instituto Nacional de Estadísticas

	Períodos de Edificación de Servicios Autorizados Mensualmente (2)													
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	RM	País
E'93	163	0	445	162	1,349	655	1,349	8,693	253	4,104	286	257	21,164	38,880
F	213	3,024	504	243	479	2,692	1,577	5,301	1,212	4,235	1,082	733	11,463	32,758
M	712	2,855	3,972	262	819	2,324	4,687	2,582	5,725	2,083	72	374	12,763	39,230
A	1,079	946	4,366	1,404	2,795	4,747	1,152	1,923	484	1,935	859	352	29,908	51,950
M	5,765	944	3,279	645	2,445	1,001	1,497	7,112	5,878	3,374	776	223	13,149	46,088
J	70	887	797	683	472	331	2,315	3,452	804	1,391	2,647	399	14,303	28,551
J	8,020	3,474	939	185	2,668	1,936	430	4,191	1,285	2,060	390	133	9,729	35,440
A	0	203	1,272	284	5,020	3,130	213	2,333	7,474	2,104	1,791	242	8,515	32,581
S	92	3,121	494	2,578	4,413	1,317	4,453	4,249	2,336	2,120	844	609	9,007	35,633
O	44	899	1,328	451	5,498	2,851	2,007	2,401	836	2,676	820	84	7,769	27,664
N	150	262	5,427	693	1,961	1,586	1,374	15,290	1,842	2,791	0	342	11,730	43,448
D	556	2,189	2,111	4,437	15,091	4,153	1,912	12,275	5,442	393	397	6,143	13,029	68,128
E'94	2,557	1,784	737	0	2,517	1,100	2,049	4,146	5,903	4,572	0	2,511	14,566	42,442
F	0	557	4,283	1,658	2,744	6,909	11,950	8,421	2,509	3,076	2,682	3,141	22,860	70,790
M	2,020	1,083	0	1,435	1,114	3,588	4,259	3,795	1,565	2,831	1,517	1,137	16,441	40,785
A	1,501	862	1,065	1,819	5,880	1,211	1,989	3,652	2,869	544	1,506	277	15,581	38,756
M	379	0	0	242	8,824	1,013	1,480	1,013	1,435	1,313	56	357	18,142	34,254
J	169	0	946	386	1,199	829	2,064	3,593	2,496	128	0	337	7,494	19,641
J	2,247	1,175	4,453	942	1,729	606	2,979	5,699	7,820	704	369	331	14,306	43,360
A	372	3,392	523	403	2,159	1,931	5,083	3,805	7,570	1,086	664	466	9,668	37,122
S	1,482	827	1,864	2,922	1,765	1,042	704	8,962	1,775	1,780	214	232	29,437	53,006
O	1,548	4,081	1,119	6,921	5,447	1,660	4,879	5,152	10,912	3,224	0	1,815	7,960	54,718
N	295	336	147	1,258	1,595	1,666	2,242	1,743	6,812	737	1,910	0	19,683	38,424
D	99	3,360	1,873	1,601	5,342	734	1,322	7,236	8,398	3,601	935	628	44,618	79,747
E'95	241	3,980	1,755	1,217	1,679	3,007	70	2,600	847	4,342	0	2,118	7,034	28,890
F	623	1,038	604	830	3,196	1,154	3,593	1,722	4,974	364	1,883	211	12,618	32,810
M	444	1,218	2,711	2,008	3,992	1,173	3,464	3,138	12,654	2,131	3,027	455	12,940	49,355
A	1,168	491	1,390	901	2,700	4,877	3,248	1,613	1,400	1,702	981	440	11,260	32,171
M	575	329	1,032	96	1,059	1,812	1,130	3,116	3,103	775	0	60	5,143	18,230
J	0	1,171	319	804	1,333	1,485	1,255	11,030	243	3,188	154	0	25,264	46,246
J	1,233	766	1,251	294	5,257	2,581	598	2,507	3,982	10,549	0	287	24,546	53,851
A	18	430	2,648	1,648	2,221	2,951	1,205	901	5,362	4,962	0	0	3,627	25,973
S	767	492	2,214	277	4,817	702	2,275	2,274	1,213	3,804	764	0	50,113	69,712
O	1,073	2,638	456	3,288	2,747	1,035	1,731	2,114	10,110	1,046	120	72	21,858	48,288
N	484	58	2,087	1,512	1,655	272	4,658	7,406	11,373	1,935	0	523	25,394	57,357
D	511	1,168	5,191	13,045	6,168	4,271	2,430	6,417	3,170	601	211	0	22,881	66,064
E'96	1,381	1,582	453	0	955	5,176	3,470	2,211	7,408	2,609	138	659	18,284	44,326
F	1,733	116	92	2,029	8,612	1,131	1,495	2,944	4,154	3,259	219	200	11,702	37,686
M	1,899	3,130	1,422	515	15,570	4,392	2,005	4,087	5,151	10,906	61	1,012	21,303	71,453
A	718	322	1,378	3,193	8,901	1,696	4,736	4,571	2,000	841	397	2,979	6,121	37,853
M	1,368	183	41	589	1,747	516	650	8,745	3,458	1,189	621	796	18,487	38,390
J	0	683	6,858	1,432	4,617	4,075	921	3,463	4,271	2,521	0	178	13,750	42,769

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	Perm Je Edificación No Habitacional Autorizados Mensualr (m <sup>2</sup> )												RM	País
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII		
E'93	597	2,359	1,970	4,943	15,776	11,736	3,266	18,439	10,378	14,084	810	2,063	139,904	226,325
F	2,618	12,128	846	5,924	16,136	6,050	4,295	17,234	4,157	13,216	1,439	5,712	146,564	236,319
M	1,205	4,720	4,508	2,230	21,712	26,434	9,327	17,083	12,225	16,000	1,002	2,286	104,311	223,043
A	6,508	2,710	5,593	5,029	10,099	16,736	2,836	13,391	3,988	6,308	1,200	4,045	113,176	191,619
M	6,682	3,218	37,613	3,401	6,950	3,741	16,155	18,743	11,334	13,724	1,728	1,030	89,998	214,317
J	7,433	3,639	3,795	4,753	24,111	3,212	5,533	16,342	4,622	8,899	4,049	2,829	91,286	180,503
J	9,664	14,743	4,004	6,534	20,759	5,791	4,500	27,273	2,302	7,028	1,602	1,149	115,614	220,963
A	7,582	1,910	9,421	2,240	18,149	25,092	2,928	12,151	11,494	6,039	2,006	1,863	143,177	244,052
S	4,085	9,384	7,585	25,571	15,853	8,693	9,987	32,070	12,783	12,546	1,921	609	110,006	251,093
O	3,121	5,299	2,639	5,978	7,251	5,834	5,082	9,822	3,015	10,794	2,092	813	119,213	180,953
N	4,969	3,887	12,226	4,692	148,075	12,521	2,689	24,033	17,670	14,582	680	4,172	176,008	426,204
D	4,745	7,765	9,953	7,613	35,276	11,228	18,938	52,223	9,702	9,775	2,352	6,968	147,781	324,319
E'94	7,042	9,420	3,985	2,687	43,199	5,244	5,613	7,528	21,641	14,597	1,647	5,738	207,729	336,070
F	2,788	2,238	14,828	2,727	20,956	15,518	14,598	21,349	14,926	12,917	2,969	4,246	70,487	200,547
M	2,426	7,479	1,651	6,821	18,960	9,028	12,494	21,073	5,242	15,818	3,801	2,535	80,012	187,340
A	2,530	1,285	8,022	4,948	17,318	7,626	4,061	12,462	11,958	6,160	3,175	2,526	112,618	194,689
M	2,047	1,039	5,823	3,598	32,495	7,786	3,158	9,107	8,627	6,680	1,258	2,138	201,973	285,729
J	2,598	9,458	3,578	8,621	22,046	34,120	21,533	17,674	19,077	4,135	746	3,460	101,531	248,577
J	6,024	2,661	7,227	4,805	17,476	8,579	6,610	10,232	15,941	3,142	1,160	6,476	150,266	240,599
A	905	6,730	3,677	5,964	20,116	5,047	9,715	52,705	24,121	8,794	1,960	1,485	84,478	225,697
S	5,725	2,719	7,820	6,314	13,968	19,052	9,333	29,256	8,833	5,644	465	689	83,244	193,062
O	3,986	8,032	1,881	8,621	14,175	4,734	8,150	17,480	17,308	15,924	254	1,974	54,672	157,191
N	5,114	17,592	5,495	5,147	9,056	5,904	8,886	11,492	10,376	12,708	2,085	1,567	138,384	233,806
D	1,137	5,514	6,418	12,539	37,623	10,000	9,474	30,937	14,348	26,943	2,041	2,034	213,253	372,261
E'95	1,866	7,216	11,691	5,669	26,197	5,204	4,804	15,549	10,548	5,700	251	3,287	141,452	239,434
F	1,109	4,912	4,307	2,252	7,941	3,248	14,226	23,041	14,229	4,775	2,430	5,543	95,339	183,352
M	1,728	19,209	4,545	7,478	10,253	8,576	5,779	11,574	17,205	10,783	6,370	6,446	95,585	205,531
A	4,700	8,776	2,893	4,082	11,959	10,172	24,151	10,329	4,790	6,009	1,334	875	82,477	172,547
M	4,577	5,023	14,814	8,020	18,929	11,843	7,599	14,311	24,010	8,197	1,820	2,157	93,693	214,993
J	13,085	8,386	6,179	6,205	14,456	19,409	18,845	27,913	10,664	5,653	196	231	464,981	596,203
J	2,693	4,206	4,365	9,698	20,356	7,302	10,721	10,325	13,695	15,014	151	3,707	202,669	304,902
A	1,902	8,931	12,225	6,482	15,786	17,605	10,386	14,049	19,613	12,643	213	101	327,885	447,821
S	11,695	4,409	11,018	10,440	28,540	41,456	7,769	27,394	12,969	30,312	1,881	386	154,600	342,869
O	9,821	6,620	4,175	7,219	31,689	19,387	19,163	32,180	20,081	8,476	758	2,696	92,676	254,941
N	975	32,315	13,979	8,685	14,049	7,617	11,313	17,744	24,919	6,538	31	1,078	94,353	233,596
D	1,095	13,654	8,814	15,666	78,552	221,802	8,929	64,093	17,789	3,882	1,113	0	234,126	669,515
E'96	5,965	62,954	3,751	5,229	8,917	17,116	12,435	15,851	15,840	9,714	2,541	2,463	206,259	369,035
F	9,772	5,837	3,252	17,124	18,019	12,739	54,146	18,458	15,363	6,394	2,727	1,175	161,793	326,799
M	40,387	19,939	5,184	1,799	30,721	12,943	12,081	41,647	14,317	30,034	1,088	2,370	84,629	297,139
A	866	5,941	3,291	4,783	18,083	7,967	7,706	18,535	10,029	10,260	1,887	4,926	153,696	247,970
M	4,651	7,536	1,484	3,010	21,459	6,229	5,318	72,176	10,155	16,639	1,778	6,534	84,918	241,887
J	780	5,357	17,402	1,945	23,329	21,325	5,175	21,227	8,658	2,722	461	3,795	214,864	327,040

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T de Permisos de Edificación Autorizados Mensualment

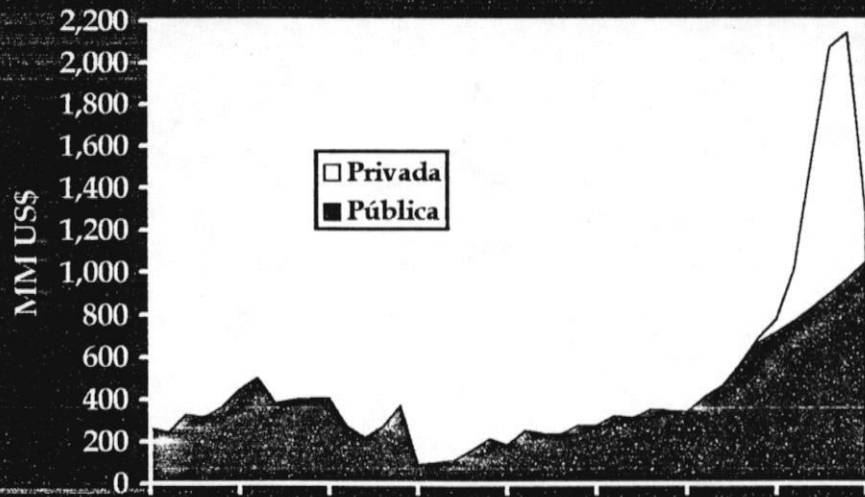
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	RM	País
E'93	1,334	9,835	6,981	27,794	120,896	32,084	21,018	51,699	29,582	46,337	2,666	24,803	584,847	959,876
F	3,290	19,914	3,596	18,937	40,728	19,475	30,108	49,390	12,312	27,504	4,963	9,026	509,966	749,209
M	6,806	23,355	10,083	29,639	68,229	56,065	35,053	72,897	96,768	32,897	7,241	3,993	393,232	836,258
A	18,547	7,364	11,199	44,909	69,883	35,830	13,498	30,664	25,899	18,305	3,861	4,740	461,279	745,978
M	9,121	27,955	60,950	37,330	42,669	38,877	50,236	60,867	31,162	32,720	5,801	2,518	416,911	817,117
J	17,912	18,538	13,146	27,689	114,353	41,323	14,620	82,267	16,483	37,743	5,442	3,925	477,432	870,873
J	28,468	18,865	13,007	31,205	82,085	29,661	25,864	117,263	14,642	31,839	5,474	2,667	269,341	670,381
A	14,372	23,388	11,967	68,383	101,836	47,930	22,187	68,274	39,905	25,402	2,687	3,137	349,439	778,907
S	31,543	19,412	28,035	46,015	64,084	32,025	49,490	151,765	44,514	34,911	3,306	2,503	486,820	994,423
O	18,809	26,394	24,033	16,676	71,354	45,275	62,863	26,342	28,849	24,109	4,607	1,017	298,203	648,531
N	22,607	18,703	18,020	34,723	194,740	39,035	18,368	46,511	49,230	33,958	2,070	5,223	389,239	872,427
	25,869	13,705	16,416	28,805	98,344	50,400	49,064	117,754	43,546	38,539	4,969	8,477	534,385	1,030,273
94	25,585	42,842	11,306	11,154	163,605	35,815	38,034	22,033	34,239	39,551	3,524	6,827	428,721	863,236
	3,600	11,585	25,256	23,977	75,612	71,747	48,915	49,935	44,279	27,316	4,605	5,916	233,764	626,507
	3,470	21,668	5,260	74,030	86,592	40,527	50,083	95,154	24,094	39,482	8,222	7,602	410,374	866,558
	15,470	13,709	9,064	41,217	49,259	44,600	33,197	61,634	36,074	32,792	6,441	17,698	310,879	672,034
	4,741	2,015	17,013	18,926	103,563	63,294	20,862	63,119	54,840	28,369	4,498	5,331	569,746	956,317
	8,888	21,709	11,820	48,409	57,867	64,591	38,866	83,422	59,134	34,654	1,791	4,019	399,549	834,719
	8,412	36,305	10,849	72,337	46,886	30,316	35,171	51,160	48,871	33,467	2,310	7,507	407,246	790,837
A	1,579	15,711	22,804	26,414	86,508	23,231	25,762	134,955	45,151	36,943	7,941	8,880	394,511	830,390
S	12,468	6,981	17,991	40,315	125,947	51,420	48,036	66,121	38,157	26,620	5,999	12,038	284,334	736,427
O	7,084	23,166	5,650	19,668	57,078	20,403	65,381	76,011	39,618	34,943	1,524	2,840	249,239	602,605
N	11,014	47,650	10,208	47,003	113,942	71,151	35,743	59,556	41,653	22,225	2,895	5,409	492,794	961,243
D	14,781	17,400	16,908	53,072	133,212	41,691	40,264	110,145	38,747	50,309	3,998	2,539	661,365	1,184,431
E'95	14,495	12,056	14,837	17,837	99,861	30,009	32,422	61,045	53,569	22,391	1,386	3,811	380,157	743,876
F	2,121	26,642	5,227	12,020	49,115	20,231	54,047	72,257	42,397	25,086	4,585	6,510	408,070	728,308
M	13,687	33,411	14,786	37,655	98,475	32,991	41,823	56,563	47,795	27,804	9,114	7,606	544,074	965,784
A	39,200	22,257	4,595	23,900	94,106	42,516	39,745	28,039	42,329	23,578	4,546	1,787	328,133	694,731
M	8,335	17,648	21,744	50,796	84,209	51,210	23,940	90,435	60,838	29,705	6,081	4,820	312,152	761,913
J	45,687	16,224	10,773	43,205	69,687	85,012	55,569	145,617	44,244	36,939	590	1,245	1,184,371	1,739,163
J	15,459	8,876	22,138	43,664	104,328	33,826	24,156	58,658	62,111	29,569	4,094	4,943	516,738	928,560
A	4,401	30,680	16,205	45,883	89,096	47,955	23,415	62,838	53,345	33,948	1,934	168	752,885	1,162,753
S	28,497	45,814	27,575	43,936	113,794	68,875	49,783	91,185	30,468	42,508	6,424	1,409	282,197	832,465
O	22,801	12,644	12,471	15,901	79,485	52,173	50,586	78,692	48,318	29,222	1,947	6,328	608,300	1,018,868
N	8,346	69,628	18,863	35,371	80,008	28,411	35,132	75,365	40,361	29,720	2,100	2,806	346,024	772,135
D	1,742	18,898	14,703	33,771	263,354	267,902	37,611	194,992	52,385	24,216	3,784	1,170	434,019	1,348,547
E'96	6,510	82,421	8,339	51,506	121,603	58,574	53,574	82,657	26,273	39,526	7,160	4,778	753,669	1,296,590
F	27,029	28,355	14,106	73,784	68,594	38,531	68,618	110,464	54,139	20,915	5,642	6,577	466,609	983,363
M	61,719	26,560	6,907	33,169	126,722	32,988	34,518	122,227	41,503	59,091	4,832	3,153	402,461	955,850
A	3,103	23,213	23,867	28,194	135,329	35,249	25,630	81,455	49,466	46,335	3,679	5,842	336,124	797,486
M	6,809	39,258	2,741	57,549	161,578	39,660	50,374	127,080	40,033	31,975	4,345	9,052	320,811	891,265
J	4,970	13,680	22,389	19,264	175,824	56,656	34,334	47,400	28,940	5,357	5,253	5,916	527,249	947,232

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## Inversión Vial



## Servicios sanitarios

● Necesidades: US\$ 2.348 millones

- Captación de agua

- Ampliar cobertura

- Plantas de tratamiento

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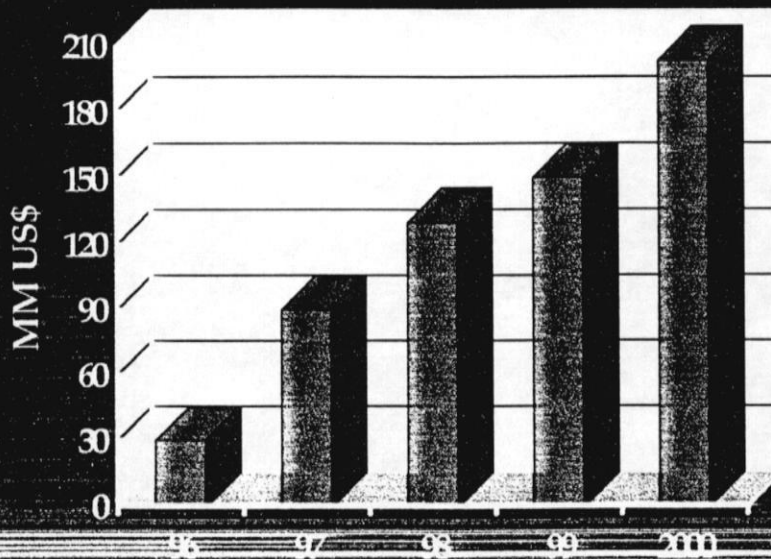
## *Servicios sanitarios*

- *Proyectos*
  - *Privatización parcial*
  - *Programas de desarrollo*

X



## *Infraestructura Educativa*



42



*Perspectivas de la  
Construcción 1996 - 1997  
y Proyección al 2000*

*Eugenio Velasco Morandé*  
*Presidente*  
**CÁMARA CHILENA DE LA  
CONSTRUCCIÓN**

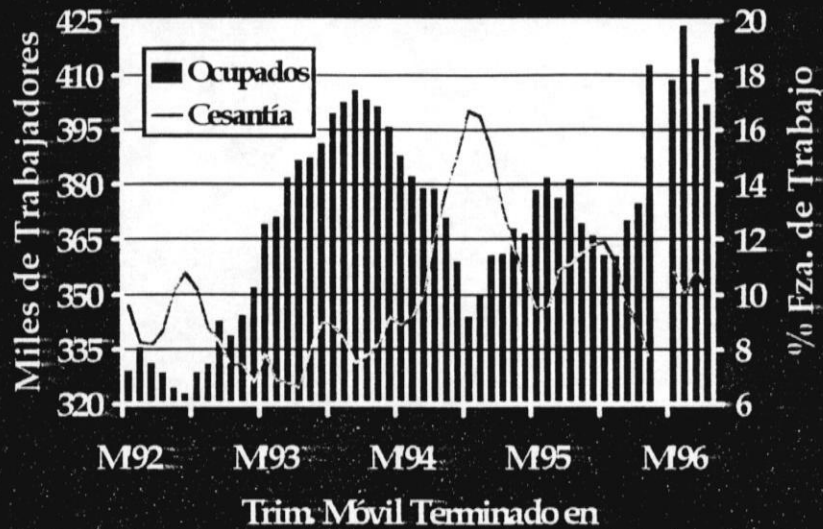
*Inversión en Construcción 1995  
1994-1995*

SECTOR	ESTIMADA		% Var.
	1994	1995	1995/94
<b>Vivienda</b>	<b>2.441</b>	<b>2.669</b>	<b>9.3%</b>
<b>Pública</b>	<b>455</b>	<b>473</b>	<b>3.9%</b>
<b>Privada</b>	<b>1.986</b>	<b>2.197</b>	<b>10.6%</b>
<b>Inversión</b>	<b>6.141</b>	<b>6.589</b>	<b>7.3%</b>
<b>P.I.B.</b>	<b>3.297</b>	<b>3.541</b>	<b>7.4%</b>

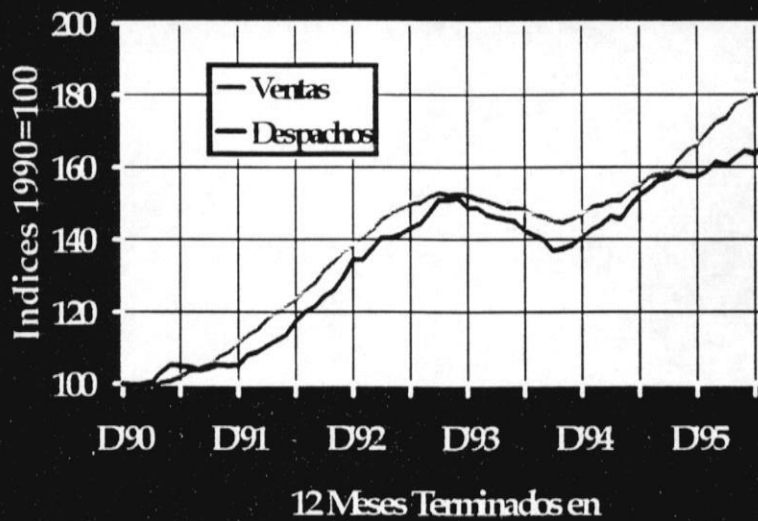
Consumo de Cemento y Hormigón Premezclado 1960 - 1995 y Proyección 1996 - 2000		
Año	Cemento	Hormigón
	M Tons	m <sup>3</sup>
60	835.2	
61	880.9	
62	1,148.0	
63	1,177.8	
64	1,268.2	
65	1,187.1	
66	1,350.0	
67	1,202.6	
68	1,238.4	
69	1,365.8	
70	1,311.5	
71	1,404.5	
72	1,383.0	
73	1,378.0	
74	1,425.1	
75	980.8	
76	911.5	
77	1,004.0	
78	1,119.2	
79	1,304.7	
80	1,504.4	
81	1,846.5	
82	1,145.5	
83	1,260.0	
84	1,400.0	
85	1,424.8	424,113
86	1,433.7	458,226
87	1,594.1	529,046
88	1,838.4	732,736
89	1,960.7	934,589
90	2,017.5	1,125,523
91	2,161.1	1,223,515
92	2,622.0	1,813,129
93	3,022.0	2,322,149
94	2,998.3	2,280,226
95	3,264.4	2,691,530
96	3,583.5	3,283,667
97	3,843.2	3,639,260
98	4,269.7	4,223,257
99	4,536.4	4,588,456
2000	4,820.4	4,977,394



## Empleo y Cesantía en la Construcción



## Consumo de Materiales



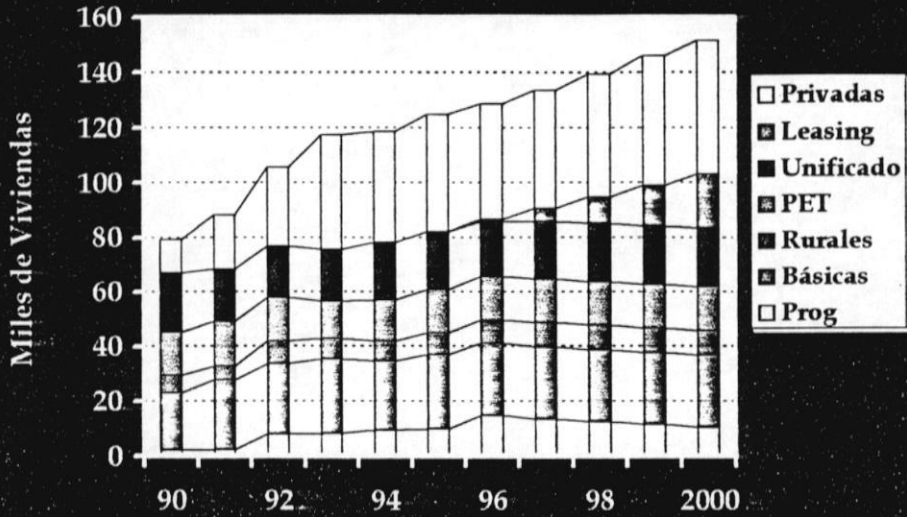
**CONSTRUCCION DE VIVIENDAS,  
SEGUN SEGMENTOS DEL MERCADO HABITACIONAL**

Segmento de Mercado	Proyectado					
	1995	1996	1997	1998	1999	2000
	N° de Viviendas					
Infraestructuras Sanitarias	177	1,500	1,500	1,500	1,500	1,500
Viviendas Progresivas	9,586	13,400	12,000	11,000	10,000	9,000
Viviendas Básicas Contratadas	22,096	20,000	15,000	10,000	5,000	0
Viv. Básicas Gestión Privada	5,000	6,000	11,000	16,000	21,000	26,000
Subsidios Rurales Pagados	7,776	8,500	9,000	9,000	9,000	9,000
Viviendas PET Contratadas	16,000	16,000	16,000	16,000	16,000	16,000
Subsidios Unificados Pagados	21,430	20,200	21,100	21,300	21,500	21,700
Tramo 1	15,054	14,000	14,700	14,700	14,700	14,700
Tramo 2	5,064	4,600	4,600	4,600	4,600	4,600
Tramo 3	539	600	600	600	600	600
Tramo 4	773	1,000	1,200	1,400	1,600	1,800
Otros	0	0	0	0	0	0
Subsidios Leasing		1,000	5,000	10,000	15,000	20,000
Tramo 1		660	3,300	6,600	9,900	13,200
Tramo 2		290	1,450	2,900	4,350	5,800
Tramo 3		50	250	500	750	1,000
<b>Total Mercado Privado</b>	<b>42,736</b>	<b>42,000</b>	<b>43,000</b>	<b>44,500</b>	<b>47,000</b>	<b>48,000</b>
36 m <sup>2</sup> a 70 m <sup>2</sup>	15,106	15,000	15,500	16,000	17,000	17,500
71 m <sup>2</sup> a 100 m <sup>2</sup>	11,257	11,000	11,500	12,000	13,000	13,500
101 m <sup>2</sup> a 140 m <sup>2</sup>	9,210	9,000	9,000	9,500	9,500	9,500
141 m <sup>2</sup> y más	7,163	7,000	7,000	7,000	7,500	7,500
<b>TOTAL GENERAL</b>	<b>124,801</b>	<b>128,600</b>	<b>133,600</b>	<b>139,300</b>	<b>146,000</b>	<b>151,200</b>
<b>Tramos de Superficie</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>
Hasta 35 m <sup>2</sup>	9,763	14,900	13,500	12,500	11,500	10,500
36 m <sup>2</sup> a 70 m <sup>2</sup>	86,869	86,050	91,750	97,200	103,150	108,600
71 m <sup>2</sup> a 100 m <sup>2</sup>	11,796	11,650	12,350	13,100	14,350	15,100
101 m <sup>2</sup> a 140 m <sup>2</sup>	9,210	9,000	9,000	9,500	9,500	9,500
141 m <sup>2</sup> y más	7,163	7,000	7,000	7,000	7,500	7,500
<b>TOTAL</b>	<b>124,801</b>	<b>128,600</b>	<b>133,600</b>	<b>139,300</b>	<b>146,000</b>	<b>151,200</b>
	<b>Superficie Total (Miles m<sup>2</sup>)</b>					
<b>TOTAL</b>	<b>7,831</b>	<b>8,240</b>	<b>8,321</b>	<b>8,820</b>	<b>9,436</b>	<b>9,872</b>
	<b>Inversión (MM US\$ de 1995)</b>					
<b>TOTAL</b>	<b>2,669</b>	<b>2,810</b>	<b>2,850</b>	<b>3,071</b>	<b>3,365</b>	<b>3,568</b>
NOTA : A partir de 1996 considera Viviendas para Subsidios de Leasing Habitacional, las que se incorporan a los Tramos 1, 2 y 3 de los Subsidios Urbanos Pagados, en la misma proporción que estos Tramos representan dentro del Subsidio General Unificado, de acuerdo al siguiente flujo anual estimado:						
		1,000	5,000	10,000	15,000	20,000

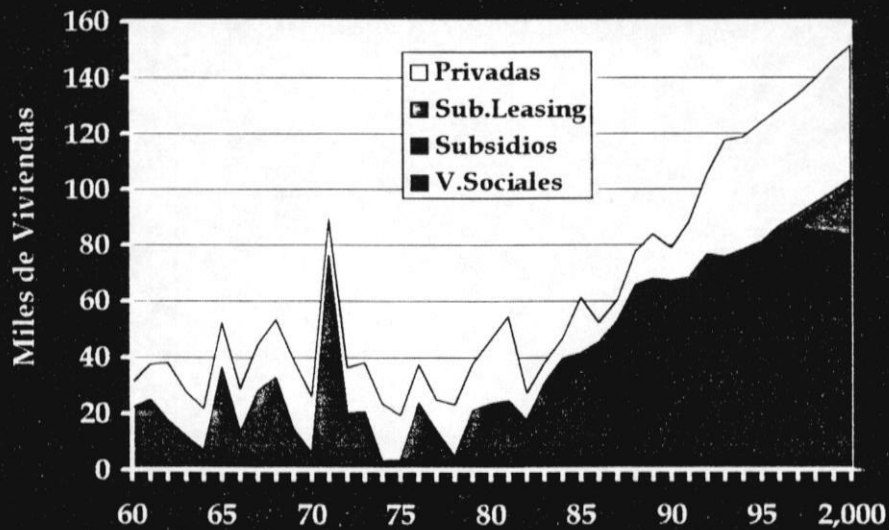
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## Proyección del Mercado de Viviendas



## Evolución Construcción Habitacional



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## *El sector de la energía*

- *Marco regulatorio*
- *Subsidiariedad del Estado*
- *Operadores privados*
- *Demanda cubierta*
- *Carpeta de proyectos*
- *Operaciones en el exterior*

X



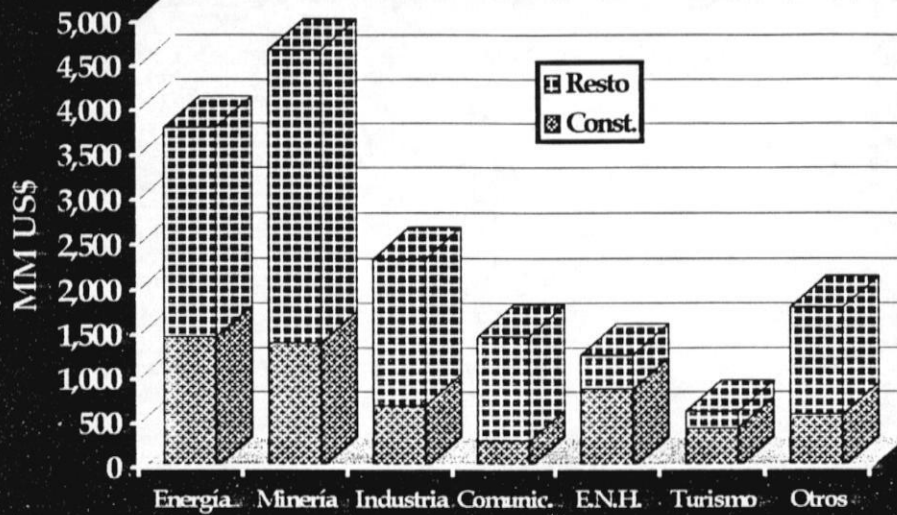
## *Las telecomunicaciones*

- *Marco regulatorio*
- *Privatización*
- *Eficiencia*
  - *Cobertura*
  - *Nivel tecnológico*
  - *Calidad del servicio*
  - *Ventajas competitivas*
  - *Planes de desarrollo*

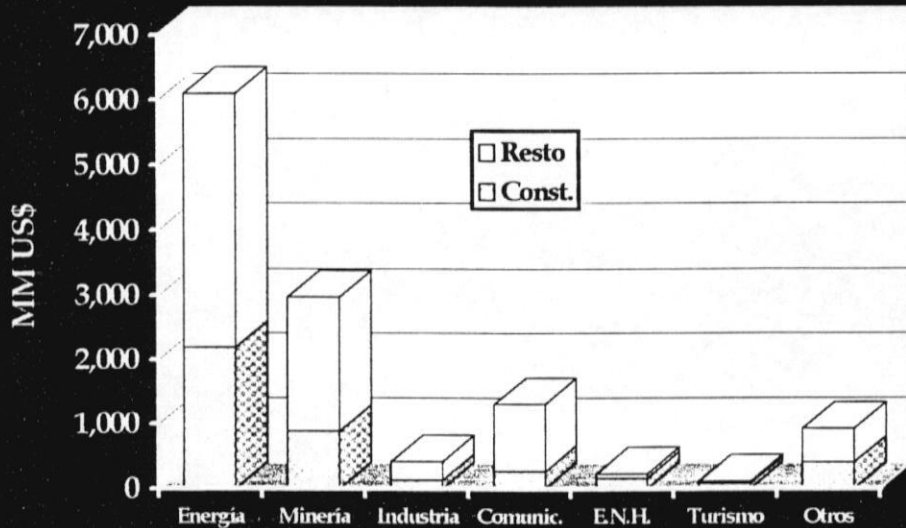
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## Catastro Inversión Productiva 96-2000



## Proyectos a nivel de Idea



4/9



EVOLUCION DEL EMPLEO  
EN EL SECTOR CONSTRUCCION

4

TRI- MESTRE	AÑO											
	85	86	87	88	89	90	91	92	93	94	95	96*
FUERZA DE TRABAJO (Miles)												
Ene - Mar	153.4	207.6	224.2	262.0	323.4	323.1	327.2	363.90	400.80	425.54	417.77	458.14
Feb - Abr	156.1	210.8	231.1	274.2	331.7	323.1	334.0	365.91	398.28	420.94	421.90	470.22
Mar - May	163.5	207.4	235.2	287.2	335.4	325.7	335.0	360.69	409.37	420.79	422.06	464.28
Abr - Jun	168.8	213.1	241.7	301.1	332.7	323.3	337.6	359.62	413.95	431.01	428.82	447.36
May - Jul	170.3	217.0	239.0	307.0	330.1	324.7	344.3	361.11	420.69	430.43	417.10	—
Jun - Ago	178.3	209.4	239.7	304.9	325.5	325.9	345.1	361.75	429.50	422.86	414.97	—
Jul - Sep	180.5	207.9	245.8	300.6	328.2	326.5	346.2	366.03	438.14	412.84	409.51	—
Ago - Oct	177.1	209.7	248.4	306.1	325.3	319.6	347.8	362.67	439.30	419.13	405.60	—
Sep - Nov	178.1	222.9	241.8	314.5	331.8	326.9	352.0	373.83	438.40	425.56	409.10	—
Oct - Dic	177.6	225.6	242.9	310.6	335.0	328.1	358.4	365.56	437.29	415.47	410.67	—
Nov - Ene	196.0	228.1	247.6	311.1	334.4	333.4	361.4	372.24	436.92	416.31	446.73	—
Dic - Feb	201.4	225.1	257.4	312.6	326.0	330.3	359.5	377.48	435.31	409.75	—	—
OCUPADOS (Miles)												
Ene - Mar	114.8	156.4	188.5	228.8	292.6	286.7	286.2	329.08	368.94	387.66	378.26	408.33
Feb - Abr	121.4	162.2	189.8	239.3	296.1	286.8	292.2	335.52	370.89	382.09	381.69	423.42
Mar - May	126.1	155.5	191.4	250.3	293.6	286.4	292.0	331.08	381.57	378.77	376.05	414.28
Abr - Jun	126.9	159.5	193.4	258.5	287.0	280.9	291.6	328.38	386.50	378.69	381.14	401.57
May - Jul	121.6	162.1	190.8	261.0	286.1	276.8	294.5	324.11	387.20	370.84	369.17	—
Jun - Ago	123.9	157.9	189.0	256.0	281.5	277.4	292.7	322.65	390.96	358.83	365.87	—
Jul - Sep	121.0	157.7	196.5	251.6	283.8	277.1	292.4	328.60	399.23	343.80	360.60	—
Ago - Oct	119.6	161.3	201.3	259.4	279.6	271.9	295.1	330.86	402.34	349.77	360.30	—
Sep - Nov	121.6	175.4	202.3	271.5	290.4	282.1	306.3	342.68	405.70	360.47	370.00	—
Oct - Dic	126.5	184.1	208.4	275.7	298.5	285.6	321.1	338.54	402.97	360.88	374.61	—
Nov - Ene	145.5	191.3	214.8	280.2	301.6	290.9	328.0	344.22	401.10	367.67	412.57	—
Dic - Feb	153.6	189.8	224.4	284.3	291.3	288.1	326.2	351.72	395.47	366.42	—	—
CESANTES (Miles)												
Ene - Mar	38.6	51.2	35.7	33.2	30.8	36.4	41.0	34.82	31.86	37.88	39.51	49.81
Feb - Abr	34.7	48.6	41.3	34.9	35.6	36.3	41.8	30.39	27.39	38.85	40.21	46.80
Mar - May	37.4	51.9	43.8	36.9	41.8	39.3	43.0	29.61	27.80	42.02	46.01	50.00
Abr - Jun	41.9	53.6	48.3	42.6	45.7	42.4	46.0	31.24	27.45	52.32	47.68	45.79
May - Jul	48.7	54.9	48.2	46.0	44.0	47.9	49.8	37.00	33.49	59.59	47.93	—
Jun - Ago	54.4	51.5	50.7	48.9	44.0	48.5	52.4	39.10	38.54	64.03	49.10	—
Jul - Sep	59.5	50.2	49.3	49.0	44.4	49.4	53.8	37.43	38.91	69.04	48.91	—
Ago - Oct	57.5	48.4	47.1	46.7	45.7	47.7	52.7	31.81	36.96	69.36	45.30	—
Sep - Nov	56.5	47.5	39.5	43.0	41.4	44.8	45.7	31.15	32.70	65.09	39.10	—
Oct - Dic	51.1	41.5	34.5	34.9	36.5	42.5	37.3	27.02	34.32	54.59	36.06	—
Nov - Ene	50.5	36.8	32.8	30.9	32.8	42.5	33.4	28.02	35.82	48.64	34.16	—
Dic - Feb	47.8	35.3	33.0	28.3	34.7	42.2	33.3	25.76	39.84	43.33	—	—
TASA CESANTIA (% Fza.Trabajo)												
Ene - Mar	25.2	24.7	15.9	12.7	9.5	11.3	12.5	9.6	7.9	8.9	9.5	10.9
Feb - Abr	22.2	23.1	17.9	12.7	10.7	11.2	12.5	8.3	6.9	9.2	9.5	10.0
Mar - May	22.9	25.0	18.6	12.8	12.5	12.1	12.8	8.2	6.8	10.0	10.9	10.8
Abr - Jun	24.8	25.2	20.0	14.1	13.7	13.1	13.6	8.7	6.6	12.1	11.1	10.2
May - Jul	28.6	25.3	20.2	15.0	13.3	14.8	14.5	10.2	8.0	13.8	11.5	—
Jun - Ago	30.5	24.6	21.2	16.0	13.5	14.9	15.2	10.8	9.0	15.1	11.8	—
Jul - Sep	33.0	24.1	20.1	16.3	13.5	15.1	15.5	10.2	8.9	16.7	11.9	—
Ago - Oct	32.5	23.1	19.0	15.3	14.0	14.9	15.2	8.8	8.4	16.5	11.2	—
Sep - Nov	31.7	21.3	16.3	13.7	12.5	13.7	13.0	8.3	7.5	15.3	9.6	—
Oct - Dic	28.8	18.4	14.2	11.2	10.9	13.0	10.4	7.4	7.8	13.1	8.8	—
Nov - Ene	25.8	16.1	13.2	9.9	9.8	12.7	9.2	7.5	8.2	11.7	7.6	—
Dic - Feb	23.7	15.7	12.8	9.1	10.6	12.8	9.3	6.8	9.2	10.6	—	—

FUENTE :

Instituto Nacional de Estadísticas

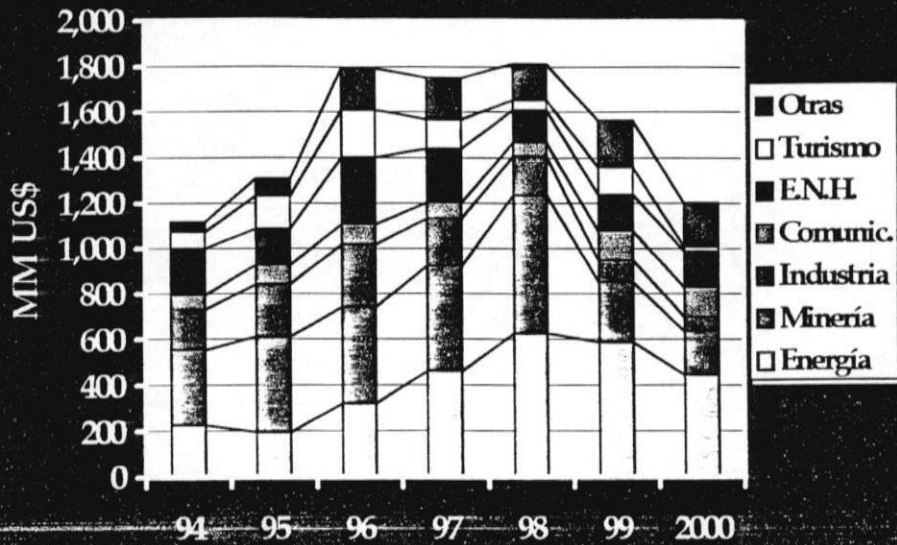
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**CATASTRO DE INVERSIÓN EN  
INFRAESTRUCTURA PRODUCTIVA PRIVADA  
1994-1995 Y PROYECTADA 1996-2000**

Sector	Año							Período 96-2000
	94	95	96	97	98	99	2000	
Energía	227.3	196.8	322.7	459.6	627.8	588.1	446.1	2,444.2
Minería	326	415.7	419.6	461.4	606.9	263.4	188.4	1,939.8
Industria	177.7	231.8	276.5	212.3	173.6	96.8	66.8	826.0
Telecom.	66.1	82.2	88.8	69.2	57.4	127.4	127.2	470.0
Comercio	202.7	159.6	293.3	234.9	144.2	161.7	160.3	994.4
Turismo	72.6	145.3	207.9	129.2	42.7	121.1	20.3	521.2
Otras	44.8	77.3	183.7	185.4	160.3	206.4	193.4	929.2
<b>TOTAL</b>	<b>1,117.2</b>	<b>1,308.7</b>	<b>1,792.4</b>	<b>1,751.9</b>	<b>1,813.0</b>	<b>1,564.9</b>	<b>1,202.5</b>	<b>8,124.7</b>



## Infraestructura Productiva



## Infraestructura pública

- *Presenta déficits importantes*
  - *Pérdidas de competitividad*
  - *Amenaza desarrollo futuro*
- *Prioridad nacional*
  - *Debe duplicarse inversión*
  - *Creciente participación privada*