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**Detailed Table 2.1**  
**Total population and population aged 18-24, enrollments in higher education (total and of the population aged 18-24), and gross (GER) and net (NER) enrollment rates – Brazil and São Paulo State, 1998-2006**

Geographic areas	Population (1)		Enrollments in higher education		GER	NER
	Total	18 -24 age group (2) (A)	Total (B)	18-24 age group in the population (2) (3) (C)	(B / A) (%)	(C / A) (%)
<b>1998</b>						
Brazil	161,790,311	20,323,763	2,125,958	-	10.5	-
São Paulo State	35,284,072	4,632,746	678,706	-	14.7	-
<b>1999</b>						
Brazil	163,947,554	21,147,094	2,369,945	1,553,863	11.2	7.3
São Paulo State	35,816,740	4,807,219	740,113	467,494	15.4	9.7
<b>2000</b>						
Brazil	166,112,518	-	2,694,245	-	-	-
São Paulo State	36,351,316	-	818,304	-	-	-
<b>2001</b>						
Brazil	172,358,826	22,940,218	3,030,754	-	13.2	0.0
São Paulo State	37,630,106	-	898,643	-	-	-
<b>2002</b>						
Brazil	174,632,960	23,098,462	3,479,913	2,271,118	15.1	9.8
São Paulo State	38,177,742	5,074,348	988,696	649,304	19.5	12.8
<b>2003</b>						
Brazil	176,871,437	23,371,702	3,887,022	2,548,000	16.6	10.9
São Paulo State	38,709,320	5,178,887	1,050,054	721,000	20.3	13.9
<b>2004</b>						
Brazil	181,581,024	24,072,318	4,163,733	2,558,000	17.3	10.6
São Paulo State	39,825,226	5,077,846	1,109,693	719,000	21.9	14.2
<b>2005</b>						
Brazil	184,184,264	24,433,563	4,453,156	2,772,000	18.2	11.3
São Paulo State	40,442,795	5,223,983	1,185,028	777,000	22.7	14.9
<b>2006</b>						
Brazil	186,770,562	24,285,150	4,676,646	3,091,260	19.3	12.7
São Paulo State	41,055,434	5,202,987	1,268,976	850,642	24.4	16.3
<b>Growth rate 1998-2002 (%)</b>						
Brazil	7.9	13.7	63.7		44.0	
São Paulo State	8.2	9.5	45.7		33.0	
<b>Growth rate 2002-2006 (%)</b>						
Brazil	7.0	5.1	34.4	27.8		29.5
São Paulo State	7.5	2.5	28.3	25.2		27.8

Sources: INEP, Higher Education Census (microdata); IBGE, National Survey by Household Sampling (PNAD).

(1) Resident population estimated for 1 July of the corresponding year.

(2) Data from PNAD.

(3) Enrollments in master's and Doctorate programs are included. .

**Detailed Table 2.2**  
**Total population and population aged 15-17, enrollments in secondary education (total and of the population aged 15-17), and gross (GER) and net (NER) enrollment rates – Brazil and São Paulo State, 1998-2006**

Geographic areas	Population (1)		Enrollments in secondary education		GER	NER
	Total	15 -17 age group (2) (A)	Total (B)	15 -17 age group in the population (2) (C)	(B / A) (%)	(C / A) (%)
<b>1998</b>						
Brazil	161,790,311	-	6,968,531	-	-	-
São Paulo State	35,284,072	-	1,921,892	-	-	-
<b>1999</b>						
Brazil	163,947,554	-	7,769,199	3,388,913	-	-
São Paulo State	35,816,740	-	2,047,402	1,111,731	-	-
<b>2000</b>						
Brazil	166,112,518	-	8,192,948	3,565,240	-	-
São Paulo State	36,351,316	-	2,079,141	1,165,192	-	-
<b>2001</b>						
Brazil	172,358,826	10,308,707	8,398,008	3,817,382	81.5	37.0
São Paulo State	37,630,106	-	2,033,158	1,216,903	-	-
<b>2002</b>						
Brazil	174,632,960	10,353,123	8,710,584	4,161,691	84.1	40.2
São Paulo State	38,177,742	2,062,967	2,065,270	1,310,772	100.1	63.5
<b>2003</b>						
Brazil	176,871,437	10,481,393	9,072,942	4,470,266	86.6	42.6
São Paulo State	38,709,320	2,204,978	2,099,910	1,384,826	95.2	62.8
<b>2004</b>						
Brazil	181,581,024	10,742,044	9,169,357	4,660,419	85.4	43.4
São Paulo State	39,825,226	2,196,187	2,045,851	1,406,202	93.2	64.0
<b>2005</b>						
Brazil	184,184,264	10,658,958	9,031,302	4,687,574	84.7	44.0
São Paulo State	40,442,795	2,184,556	1,913,848	1,349,521	87.6	61.8
<b>2006</b>						
Brazil	186,770,562	10,424,755	8,906,820	4,723,399	85.4	45.3
São Paulo State	41,055,434	2,032,494	1,813,795	1,319,078	89.2	64.9
<b>Growth rate 1998-2002 (%)</b>						
Brazil	7.9		25.0			
São Paulo State	8.2		7.5			
<b>Growth rate 2002-2006 (%)</b>						
Brazil	7.0	0.7	2.3	13.5	1.6	12.7
São Paulo State	7.5	-1.5	-12.2	0.6	-10.9	2.1

Sources: INEP, Higher Education Census (microdata); IBGE, National Survey by Household Sampling (PNAD).

(1) Resident population estimated for 1 July of the corresponding year.

(2) PNAD data.

**Detailed Table 2.3**  
**Enrollments and students completing secondary education (SE) – Brazil and São Paulo State, 1991-2006**

Years	Enrollments and students completing secondary education			
	Brazil		São Paulo State	
	Enrollments	Students completing SE	Enrollments	Students completing SE
1991	3,772,698	666,367	1,071,918	176,797
1992	4,104,643	721,857	1,178,450	206,689
1993	4,478,631	817,556	1,307,880	241,018
1994	4,932,552	917,298	1,451,834	281,562
1995	5,374,831	959,545	1,612,062	312,034
1996	5,739,077	1,163,788	1,672,986	357,318
1997	6,405,057	1,330,150	1,818,288	415,008
1998	6,968,531	1,535,943	1,921,892	479,920
1999	7,769,199	1,786,827	2,047,402	534,421
2000	8,192,948	1,836,130	2,079,141	520,923
2001	8,398,008	1,855,419	2,033,158	510,375
2002	8,710,584	1,884,874	2,065,270	507,995
2003	9,072,942	1,851,834	2,099,910	497,999
2004	9,169,357	1,879,044	2,045,851	494,885
2005	9,031,302	1,858,615	1,913,848	479,432
2006	8,906,820	...	1,813,795	...

Source: INEP, Primary Education Census (microdata).

**Detailed Table 2.4**  
**Students completing secondary education (SE), undergraduate places and registrations for entrance examination, admissions per entrance examination, by type of administration – Brazil and São Paulo State, 1997-2006**

Geographic areas/ regions	Students completing			Undergraduate places			Registrations for entrance examination			Admissions / entrance examination			Students completing SE / undergraduate places			Applicants for entrance examination / undergraduate places			Admissions / students completing SE		
	(A)	Total (B)	Private (D)	Public (C)	Total (E)	Private (G)	Public (F)	Total (H)	Private (I)	Public (J)	Total (A/B)	Private (A/D)	Public (A/C)	Total (E/B)	Private (C/D)	Public (F/C)	Total (I/A)	Private (I/A)	Public (H/A)	Total (I/A)	
	completing	Total	Private	Public	Total	Private	Public	Total	Private	Public	Total	Private	Public	Total	Private	Public	Total	Private	Public	Total	
<b>Students completing SE in 1997 – Entrance examination in 1998</b>																					
Brazil	1,330,150	776,031	570,306	205,725	2,858,016	1,266,733	1,591,283	651,353	196,365	454,988	1.71	6.47	2.33	3.68	7.74	2.22	0.49	0.15	0.34	0.49	
São Paulo State	415,008	292,591	259,272	33,319	807,103	512,121	294,982	302,105	30,023	202,082	1.42	12.46	1.60	2.76	8.85	1.98	0.56	0.07	0.49	0.49	
North	72,397	22,454	10,178	12,276	136,047	25,831	110,216	21,218	11,908	9,310	3.22	5.90	7.11	6.06	8.98	2.54	0.29	0.16	0.13	0.13	
Northeast	280,235	90,556	36,824	53,732	474,844	366,035	108,809	84,482	51,471	33,011	3.09	5.22	7.61	5.24	6.81	2.95	0.30	0.18	0.12	0.12	
Southeast	698,082	469,728	397,578	72,150	1,482,139	818,122	664,017	369,777	67,491	302,286	1.49	9.68	1.76	3.16	9.20	2.06	0.53	0.10	0.43	0.43	
South	191,645	138,023	86,933	51,090	527,746	326,028	201,718	124,682	49,198	75,484	1.39	3.75	2.20	3.82	6.38	2.32	0.65	0.26	0.39	0.39	
Central West	87,791	55,270	38,793	16,477	237,240	112,253	124,987	51,194	16,297	34,897	1.59	5.33	2.26	4.29	7.59	2.89	0.58	0.19	0.40	0.40	
<b>Students completing SE in 1998 – Entrance examination in 1999</b>																					
Brazil	1,535,943	894,390	675,801	218,589	3,344,273	1,806,208	1,538,065	744,024	210,473	533,551	1.72	7.03	2.27	3.74	8.26	2.28	0.48	0.14	0.35	0.35	
São Paulo State	479,920	316,010	282,298	33,712	901,117	293,919	607,198	242,049	30,785	211,264	1.52	14.24	1.70	2.85	8.72	2.15	0.50	0.06	0.44	0.44	
North	89,936	28,197	15,423	12,774	161,352	122,788	38,564	25,934	12,523	13,411	3.19	7.04	5.83	5.72	9.61	2.50	0.29	0.14	0.15	0.15	
Northeast	324,469	116,598	47,784	68,814	615,712	485,591	130,121	109,573	67,456	42,117	2.78	4.72	6.79	5.28	7.06	2.72	0.34	0.21	0.13	0.13	
Southeast	804,273	516,486	442,591	73,895	1,689,318	723,158	966,160	398,543	69,716	328,827	1.56	10.88	1.82	3.27	9.79	2.18	0.50	0.09	0.41	0.41	
South	220,871	164,317	117,911	46,406	601,744	339,674	262,070	147,427	43,893	103,534	1.34	4.76	1.87	3.66	7.32	2.22	0.67	0.20	0.47	0.47	
Central West	96,394	68,792	52,092	16,700	276,147	134,997	141,150	62,547	16,885	45,662	1.40	5.77	1.85	4.01	8.08	2.71	0.65	0.18	0.47	0.47	
<b>Students completing SE in 1999 – Entrance examination in 2000</b>																					
Brazil	1,786,827	1,100,224	862,242	237,982	3,826,293	2,140,387	1,685,906	829,706	227,157	602,549	1.62	7.51	2.07	3.48	8.99	1.96	0.46	0.13	0.34	0.34	
São Paulo State	534,421	363,595	327,660	35,935	1,047,924	354,954	692,970	241,609	31,391	210,218	1.47	14.87	1.63	2.88	9.88	2.11	0.45	0.06	0.39	0.39	
North	107,038	45,960	23,196	23,196	206,232	148,708	57,524	40,823	20,964	19,859	2.33	4.61	4.70	4.49	6.41	2.53	0.38	0.20	0.19	0.19	
Northeast	368,133	139,943	72,203	67,740	701,598	542,966	158,632	122,432	66,486	55,946	2.63	5.43	5.10	5.01	8.02	2.20	0.33	0.18	0.15	0.15	
Southeast	941,688	614,451	532,887	81,564	1,950,585	911,800	1,038,785	422,354	76,269	346,085	1.53	11.55	1.77	3.17	11.18	1.95	0.45	0.08	0.37	0.37	
South	261,171	204,213	162,464	41,749	633,154	361,402	271,752	164,189	40,338	123,851	1.28	6.26	1.61	3.10	8.66	1.67	0.63	0.15	0.47	0.47	
Central West	108,797	95,657	71,924	23,733	334,724	175,511	159,213	79,908	23,100	56,808	1.14	4.58	1.51	3.50	7.40	2.21	0.73	0.21	0.52	0.52	

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**Detailed Table 2.4 (continued)**

Students completing secondary education (SE), undergraduate places and registrations for entrance examination, admissions per entrance examination, by type of administration – Brazil and São Paulo State, 1997-2006

Geographic areas/ regions	Students completing (A)		Undergraduate places			Registrations for entrance examination			Admissions / entrance examination			Students completing SE / undergraduate places			Applicants for entrance exami- nation / undergraduate places			Admissions / students completing SE		
	Total (B)		Public (C)	Private (D)	Total (E)	Public (F)	Private (G)	Total (H)	Public (I)	Private (J)	Total (A/B)	Public (A/C)	Private (A/D)	Total (E/B)	Public (F/C)	Private (G/D)	Total (I/A)	Public (H/A)	Private (I/A)	
<b>Students completing SE in 2000 – Entrance examination in 2001</b>																				
Brazil	1,836,130	1,265,175	230,496	1,034,679	4,009,075	2,140,326	1,868,749	944,157	221,017	723,140	1,45	7,97	1,77	3,17	9,29	1,81	0,51	0,12	0,39	
São Paulo State	520,923	404,497	36,533	367,964	1,005,356	339,378	665,978	267,874	33,161	234,713	1,29	14,26	1,42	2,49	9,29	1,81	0,51	0,06	0,45	
North	111,014	47,589	16,561	31,028	214,791	148,805	65,986	39,436	14,798	24,638	2,33	6,70	3,58	4,51	8,99	2,13	0,36	0,13	0,22	
Northeast	412,248	164,561	65,953	98,608	713,357	508,496	204,861	143,202	64,249	78,953	2,51	6,25	4,18	4,33	7,71	2,08	0,35	0,16	0,19	
Southeast	936,178	703,503	81,191	622,312	2,012,011	914,894	1,097,117	481,954	76,720	405,234	1,33	11,53	1,50	2,86	11,27	1,76	0,51	0,08	0,43	
South	257,265	238,502	42,195	196,307	686,218	357,913	328,305	187,395	40,960	146,435	1,08	6,10	1,31	2,88	8,48	1,67	0,73	0,16	0,57	
Central West	119,425	111,020	24,596	86,424	382,698	210,218	172,480	92,170	24,290	67,880	1,08	4,86	1,38	3,45	8,55	2,00	0,77	0,20	0,57	
<b>Students completing SE in 2001 – Entrance examination in 2002</b>																				
Brazil	1,855,419	1,590,699	263,572	1,327,127	4,640,608	2,491,016	2,149,592	1,095,686	251,066	844,620	1,17	7,04	1,40	2,92	9,45	1,62	0,59	0,14	0,46	
São Paulo State	510,375	484,243	42,687	441,556	1,199,290	507,171	692,119	286,839	37,748	249,091	1,05	11,96	1,16	2,48	11,88	1,57	0,56	0,07	0,49	
North	127,190	69,334	20,264	49,070	455,186	360,204	94,982	54,546	19,729	34,817	1,83	6,28	2,59	6,57	17,78	1,94	0,43	0,16	0,27	
Northeast	466,435	222,676	79,388	143,288	847,935	576,851	271,084	179,621	76,110	103,511	2,09	5,88	3,26	3,81	7,27	1,89	0,39	0,16	0,22	
Southeast	884,109	862,543	93,065	769,478	2,147,030	982,405	1,164,625	535,809	86,169	449,640	1,03	9,50	1,15	2,49	10,56	1,51	0,61	0,10	0,51	
South	256,361	286,932	45,972	240,960	741,753	377,666	364,087	213,631	44,615	169,016	0,89	5,58	1,06	2,58	8,22	1,51	0,83	0,17	0,66	
Central West	121,324	149,194	24,883	124,311	448,704	193,890	254,814	112,079	24,443	87,636	0,81	4,88	0,98	3,01	7,79	2,05	0,92	0,20	0,72	
<b>Students completing SE in 2002 – Entrance examination in 2003</b>																				
Brazil	1,884,874	1,822,244	261,276	1,560,968	4,579,675	2,236,670	2,343,005	1,163,892	249,052	914,840	1,03	7,21	1,21	2,51	8,56	1,50	0,62	0,13	0,49	
São Paulo State	507,995	563,537	46,892	516,645	1,149,720	389,501	760,219	312,547	41,950	270,597	0,90	10,83	0,98	2,04	8,31	1,47	0,62	0,08	0,53	
North	129,296	87,643	18,909	68,734	380,692	225,068	155,624	62,963	18,373	44,590	1,48	6,84	1,88	4,34	11,90	2,26	0,49	0,14	0,34	
Northeast	524,570	255,070	69,222	185,848	861,651	578,605	283,046	185,304	67,288	118,016	2,06	7,58	2,82	3,38	8,36	1,52	0,35	0,13	0,22	
Southeast	854,134	984,587	90,351	894,236	2,135,920	843,261	1,292,659	581,931	84,779	497,152	0,87	9,45	0,96	2,17	9,33	1,45	0,68	0,10	0,58	
South	250,618	321,249	52,227	269,022	743,485	362,638	380,847	216,093	49,243	166,850	0,78	4,80	0,93	2,31	6,94	1,42	0,86	0,20	0,67	
Central West	126,256	173,695	30,567	143,128	457,927	227,098	230,829	117,601	29,369	88,232	0,73	4,13	0,88	2,64	7,43	1,61	0,93	0,23	0,70	

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**Detailed Table 2.4 (continued)**  
**Students completing secondary education (SE), undergraduate places and registrations for entrance examination, admissions per entrance examination, by type of administration - Brazil and São Paulo State, 1997-2006**

Geographic areas/ regions	Students completing (A)			Undergraduate places			Registrations for entrance examination			Admissions / entrance examination			Students completing SE / undergraduate places			Applicants for entrance examination / undergraduate places			Admissions / students completing SE		
	Total (B)	Public (C)	Private (D)	Total (E)	Public (F)	Private (G)	Total (H)	Public (I)	Private (J)	Total (A/B)	Public (A/C)	Private (A/D)	Total (E/B)	Public (F/C)	Private (G/D)	Total (I/A)	Public (H/A)	Private (J/A)			
<b>Students completing SE in 2003 - Entrance examination in 2004</b>																					
Brazil	1,851,834	2,080,358	283,822	1,796,536	4,689,223	2,275,883	2,413,340	1,919,370	266,240	925,130	266,240	925,130	0.89	6.52	1.03	2.25	8.02	1.34	0.64	0.50	
São Paulo State	497,999	692,760	51,236	641,524	1,255,723	400,823	854,900	331,456	45,237	286,219	45,237	286,219	0.72	9.72	0.78	1.81	7.82	1.33	0.67	0.57	
North	147,273	114,706	27,126	87,580	411,662	256,296	155,366	73,276	25,833	47,443	25,833	47,443	1.28	5.43	1.68	3.59	9.45	1.77	0.50	0.32	
Northeast	465,365	293,595	79,180	214,415	894,648	574,542	320,106	192,487	74,245	118,242	74,245	118,242	1.59	5.88	2.17	3.05	7.26	1.49	0.41	0.25	
Southeast	862,440	1,142,353	96,402	1,045,951	2,217,956	831,108	1,386,828	600,723	89,545	511,178	89,545	511,178	0.75	8.95	0.82	1.94	8.62	1.33	0.70	0.59	
South	252,557	334,849	52,640	282,209	717,243	382,625	334,618	209,737	49,464	160,273	49,464	160,273	0.75	4.80	0.89	2.14	7.27	1.19	0.83	0.63	
Central West	124,199	194,855	28,474	166,381	447,734	231,312	216,422	115,147	27,153	87,994	27,153	87,994	0.64	4.36	0.75	2.30	8.12	1.30	0.93	0.71	
<b>Students completing SE in 2004 - Entrance examination in 2005</b>																					
Brazil	1,879,044	2,167,457	278,439	1,889,018	4,663,197	2,148,663	2,514,534	1,266,137	258,330	1,007,807	258,330	1,007,807	0.87	6.75	0.99	2.15	7.72	1.33	0.67	0.54	
São Paulo State	494,885	733,288	53,833	679,455	1,242,723	389,208	853,515	361,145	45,872	315,273	45,872	315,273	0.67	9.19	0.73	1.69	7.23	1.26	0.73	0.64	
North	145,580	115,667	20,131	95,536	326,872	205,148	121,724	69,132	19,237	49,895	19,237	49,895	1.26	7.23	1.52	2.83	10.19	1.27	0.47	0.34	
Northeast	489,047	302,611	76,691	225,920	882,435	535,079	347,356	210,185	71,605	138,580	71,605	138,580	1.62	6.38	2.16	2.92	6.98	1.54	0.43	0.28	
Southeast	865,428	1,197,954	99,100	1,098,854	2,286,222	820,851	1,465,371	648,032	90,170	557,862	90,170	557,862	0.72	8.73	0.79	1.91	8.28	1.33	0.75	0.64	
South	251,707	340,017	52,622	287,395	693,490	354,463	339,027	214,722	48,943	165,779	48,943	165,779	0.74	4.78	0.88	2.04	6.74	1.18	0.85	0.66	
Central West	127,282	211,208	29,895	181,313	474,178	233,122	241,056	124,066	28,375	95,691	28,375	95,691	0.60	4.26	0.70	2.25	7.80	1.33	0.97	0.75	
<b>Students completing SE in 2005 - Entrance examination in 2006</b>																					
Brazil	1,858,615	2,337,488	298,191	2,039,297	4,763,165	2,168,302	2,594,863	1,311,533	271,499	1,040,034	271,499	1,040,034	0.80	6.23	0.91	2.04	7.27	1.27	0.71	0.56	
São Paulo State	479,432	819,116	56,112	763,004	1,345,162	408,931	936,231	389,137	45,947	343,190	45,947	343,190	0.59	8.54	0.63	1.64	7.29	1.23	0.81	0.72	
North	142,103	128,469	29,467	99,002	395,720	224,016	171,704	84,247	28,347	55,900	28,347	55,900	1.11	4.82	1.44	3.08	7.60	1.73	0.59	0.39	
Northeast	504,332	323,167	76,767	246,400	909,600	552,660	356,940	218,692	72,705	145,987	72,705	145,987	1.56	6.57	2.05	2.81	7.20	1.45	0.43	0.29	
Southeast	848,995	1,300,524	105,749	1,194,775	2,328,638	822,685	1,505,953	676,295	91,591	584,704	91,591	584,704	0.65	8.03	0.71	1.79	7.78	1.26	0.80	0.69	
South	240,374	348,155	54,248	293,907	687,091	354,803	332,288	206,193	49,380	156,813	49,380	156,813	0.69	4.43	0.82	1.97	6.54	1.13	0.86	0.65	
Central West	122,811	237,173	31,960	205,213	442,116	214,138	227,978	126,106	29,476	96,630	29,476	96,630	0.52	3.84	0.60	1.86	6.70	1.11	1.03	0.79	

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**Detailed Table 2.4 (continued)**  
**Students completing secondary education (SE), undergraduate places and registrations for entrance examination, admissions per entrance examination, by type of administration – Brazil and São Paulo State, 1997-2006**

Geographic areas/ regions	Students completing (A)	Undergraduate places		Registrations for entrance examination		Admissions / entrance examination		Students completing SE / undergraduate places		Applicants for entrance exami- nation / undergraduate places		Admissions / students completing SE							
		Total (B)	Public (C)	Private (D)	Total (E)	Public (F)	Private (G)	Total (H)	Public (I)	Private (J)	Total (K/B)	Public (L/C)	Private (M/D)	Total (N/A)	Public (O/A)	Private (P/A)			
<b>Growth rate 1998-2002 (%)</b>																			
Brazil	39.5	105.0	28.1	132.7	62.4	56.5	69.7	68.2	27.9	85.6	-31.9	8.9	-40.1	-20.8	22.2	-27.1	20.6	-8.3	33.1
São Paulo State	23.0	65.5	28.1	70.3	48.6	71.9	35.1	23.6	25.7	23.3	-25.7	-4.0	-27.8	-10.2	34.2	-20.6	0.5	2.2	0.2
<b>Growth rate 2002-2006 (%)</b>																			
Brazil	0.2	46.9	13.1	53.7	2.6	-13.0	20.7	19.7	8.1	23.1	-31.8	-11.5	-34.8	-30.2	-23.1	-21.4	19.5	8.0	22.9
São Paulo State	-6.1	69.2	31.4	72.8	12.2	-19.4	35.3	35.7	21.7	37.8	44.5	-28.5	-45.6	-33.7	-38.7	-21.7	44.4	29.6	46.7

Source: INEP, Primary Education Census (microdata).

Note: For comparison with the number of undergraduate places and entrants, *students completing secondary school* refers to the year immediately before the current year.

**Detailed Table 2.5**

Proportion of people aged 18-24 who attend higher education (HE), and distribution (%) of population (1) by per capita income in minimum wage (MW) ranges – Brazil, 2002 and 2006

Per capita family income in MW ranges (mw)	Proportion of 18-24 age group in HE		Distribution of population (%) (1)	
	2002	2006	2002	2006
<b>Total</b>	<b>9.8</b>	<b>12.7</b>	<b>100.0</b>	<b>100.0</b>
≤1 mw	1.5	3.1	54.1	59.4
1-2 mw	8.2	15.7	23.5	21.6
2-3 mw	20.5	33.3	9.0	7.4
3-4 mw	34.8	46.0	3.9	3.3
4-5 mw	38.7	55.0	2.3	1.9
>5 mw	45.3	46.8	7.2	6.4

Source: IBGE, National Survey by Household Sampling (PNAD).

(1) Rural households in Rondônia, Acre, Amazonas, Roraima, Pará, and Amapá are excluded.

(2) Families without income are included.

**Detailed Table 2.6**  
**Growth in the number of students completing undergraduate courses, by type of administration**  
**– Brazil and São Paulo State, 1996-2008**

Years	Types of administration				
	Total	Federal	State	Municipal	Private
<b>Brazil</b>					
1996	260,224	49,667	34,693	15,460	160,404
1997	274,384	51,419	38,731	15,932	168,302
1998	300,761	52,787	40,725	11,848	195,401
1999	324,734	59,098	43,757	9,596	212,283
2000	352,305	58,726	46,584	11,331	235,664
2001	409,283	65,006	55,251	13,615	275,412
2002	466,260	71,285	63,917	15,899	315,159
2003	528,223	84,341	65,375	19,443	359,064
2004	626,617	88,098	93,152	21,012	424,355
2005	717,858	86,011	87,676	21,867	522,304
2006	736,829	83,686	76,516	22,883	553,744
2007	756,799	89,257	80,014	24,260	563,268
2008	800,318	84,036	78,879	24,843	612,560
<b>São Paulo State</b>					
1996	94,351	874	9,222	6,548	77,707
1997	97,857	1,032	10,743	5,767	80,315
1998	108,590	994	11,388	4,847	91,361
1999	112,526	1,147	11,834	5,290	94,255
2000	127,521	1,167	11,705	5,885	108,764
2001	143,786	1,213	12,382	7,181	123,011
2002	160,051	1,258	13,059	8,477	137,257
2003	172,817	1,495	13,264	9,506	148,552
2004	193,250	1,588	13,253	10,284	168,125
2005	218,239	1,583	18,937	10,599	187,120
2006	217,069	1,541	17,335	11,016	187,177
2007	224,238	1,650	18,212	11,515	192,861
2008	239,601	1,599	18,684	11,270	208,048

Source: INEP/MEC.

**Detailed Table 2.7**  
**Students completing undergraduate courses (UCs) and population aged 25-29 years**  
**– Brazil and São Paulo State, 1998-2008**

Years	Students completing UCs		Population aged 25-29	
	Abs. nos.	Index	Abs. nos.	Index
<b>Brazil</b>				
1998	300,761	1.00	12,967,361	1.00
1999	324,734	1.08	13,408,513	1.03
2000	352,305	1.17	13,849,665	1.07
2001	409,283	1.36	13,556,151	1.05
2002	466,260	1.55	13,808,468	1.06
2003	528,223	1.76	14,166,485	1.09
2004	626,617	2.08	14,848,400	1.15
2005	717,858	2.39	15,464,436	1.19
2006	736,829	2.45	15,821,000	1.22
2007	756,799	2.52	16,011,000	1.23
2008	800,318	2.66	16,239,000	1.25
<b>São Paulo State</b>				
1998	108,590	1.00	3,144,186	1.00
1999	112,526	1.04	3,174,414	1.01
2000	127,521	1.17	3,201,475	1.02
2001	138,333	1.27	3,275,035	1.04
2002	160,051	1.47	3,350,006	1.07
2003	172,817	1.59	3,426,779	1.09
2004	193,250	1.78	3,503,552	1.11
2005	218,239	2.01	3,582,330	1.14
2006	217,069	2.00	3,614,730	1.15
2007	224,238	2.06	3,647,078	1.16
2008	239,601	2.21	3,679,388	1.17

Source: INEP/MEC; Seade Foundation; IBGE.

Note: Base year: 1998.

**Detailed Table 2.8**  
**Students completing undergraduate courses (UCs) and population aged 25-29 years**  
**– Brazil, São Paulo State and selected countries, 2006**

Countries	Students completing UCs	Population aged 25-29	Gross rate of students completing HE
Argentina	84,826	3,268,243	13.0
Chile	45,578	1,201,033	19.0
Mexico	331,807	8,103,358	20.5
<b>Brazil</b>	<b>736,829</b>	<b>15,821,000</b>	<b>23.3</b>
Spain	202,642	3,701,942	27.4
<b>São Paulo State</b>	<b>217,069</b>	<b>3,614,730</b>	<b>30.0</b>
South Korea	306,524	3,892,985	39.4
Canada	214,101	2,194,797	48.8
USA	2,223,029	20,234,168	54.9
France	434,586	3,945,306	55.1
UK	514,135	3,808,901	67.5
Australia	228,396	1,391,964	82.0

**Source:** Argentina, Chile, Mexico: RICyT; Brazil and São Paulo State: data from this chapter; other countries: OECD.Stat.

**Detailed Table 2.9**  
**Enrollments in higher education (HE), by type of institution and administration - Brazil and São Paulo State, 1999-2006**

Geographic areas/ regions	Enrollments in HE, by type of institution and administration																			
	Universities			University centers			Integrated colleges, single-course colleges, schools and institutes			Technological Education Centers (CETs) and Technology Colleges (FATECs)										
	Total	Federal	State	Total	Federal	State	Total	Federal	State	Total	Federal	State								
<b>Grand total</b>	<b>%</b>	<b>Total</b>	<b>Federal</b>	<b>State</b>	<b>Total</b>	<b>Federal</b>	<b>State</b>	<b>Total</b>	<b>Federal</b>	<b>State</b>	<b>Total</b>	<b>Federal</b>	<b>State</b>	<b>Total</b>	<b>Federal</b>	<b>State</b>				
Abs. nos.																				
<b>Brazil</b>	100.0	1,619,734	421,353	264,938	38,891	894,552	160,977	-	-	160,977	569,750	10,316	28,851	48,189	482,394	19,484	10,893	8,591	-	-
<b>São Paulo State</b>	31.2	450,869	6,235	68,761	10,846	365,027	79,781	-	-	79,781	200,872	519	2,147	24,316	173,890	8,591	-	8,591	-	-
North	4.0	67,214	46,158	10,134	-	10,922	1,271	-	-	1,271	25,926	1,454	2,402	962	21,108	-	-	-	-	-
Northeast	15.1	285,612	131,095	92,400	-	62,117	4,402	-	-	4,402	63,920	634	2,891	12,141	48,254	3,901	3,901	-	-	-
Southeast	53.1	768,398	123,086	108,782	10,846	525,684	126,084	-	-	126,084	351,481	7,668	2,961	28,489	312,363	11,599	3,008	8,591	-	-
South	20.0	384,842	71,941	43,893	28,045	240,963	15,894	-	-	15,894	68,416	560	14,084	4,467	49,305	3,984	3,984	-	-	-
Central West	7.9	113,668	49,073	9,729	-	54,866	13,326	-	-	13,326	60,007	0	6,513	2,130	51,364	-	-	-	-	-
<b>Brazil</b>	100.0	1,806,989	459,011	299,033	22,122	1,026,823	244,679	-	-	4,618	240,061	10,386	23,102	45,432	540,335	23,322	13,353	9,969	-	-
<b>São Paulo State</b>	30.4	487,438	6,576	68,474	11,091	401,297	109,057	-	-	4,618	104,439	538	2,121	22,166	187,015	9,969	-	9,969	-	-
North	4.3	80,208	55,964	10,467	-	13,777	6,681	-	-	-	6,681	1,492	2,247	1,242	23,188	-	-	-	-	-
Northeast	15.4	320,683	142,106	110,353	-	68,224	9,855	-	-	-	9,855	608	3,043	12,252	63,835	3,433	3,433	-	-	-
Southeast	51.9	834,393	128,575	111,733	11,091	582,994	186,706	-	-	4,618	182,088	7,725	2,811	24,608	328,266	13,530	3,561	9,969	-	-
South	20.1	430,913	77,278	46,502	11,031	296,102	22,950	-	-	-	22,950	561	15,001	5,076	61,654	6,280	6,280	-	-	-
Central West	8.4	140,792	55,088	19,978	-	65,726	18,487	-	-	-	18,487	-	-	2,254	63,392	79	79	-	-	-
<b>Brazil</b>	100.0	1,956,542	471,989	322,013	22,911	1,139,629	338,275	1,012	-	4,738	332,525	7,731	24,391	51,601	618,742	31,472	20,228	10,611	-	633
<b>São Paulo State</b>	29.7	515,084	6,788	70,254	11,307	426,735	149,969	-	-	4,738	145,231	222,395	2,370	23,885	195,570	11,195	391	10,611	-	193
North	4.7	95,126	68,914	11,175	-	15,037	12,743	-	-	-	12,743	34,023	3,207	1,378	28,012	-	-	-	-	-
Northeast	15.2	334,425	143,351	117,696	-	73,378	11,891	-	-	-	11,891	108,289	2,986	15,224	89,400	5,710	5,710	-	-	-
Southeast	51.7	911,375	128,704	115,376	11,307	655,988	256,246	1,012	-	4,738	250,496	382,890	3,230	26,607	345,980	16,099	4,855	10,611	-	633
South	19.8	458,286	74,488	49,940	11,604	322,254	36,488	-	-	-	36,488	98,703	14,968	5,822	77,360	8,111	8,111	-	-	-
Central West	8.6	157,330	56,532	27,826	-	72,972	20,907	-	-	-	20,907	80,560	-	2,570	77,990	1,552	1,552	-	-	-

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**Detailed Table 2.9 (continued)**  
**Enrollments in higher education (HE), by type of institution and administration – Brazil and São Paulo State, 1999-2006**

Geographic areas/ regions	Enrollments in HE, by type of institution and administration																			
	Universities					University centers					Integrated colleges, single-course colleges, schools and institutes					Technological Education Centers (CEFs) and Technology Colleges (FATECs)				
	Total	Federal	State	Municipal	Private	Total	Federal	State	Municipal	Private	Total	Federal	State	Municipal	Private	Total	Federal	State	Municipal	Private
	Grand total	%																		
	As. nos.																			
			2002																	
Brazil	3,479,913	100.0	2,150,659	500,459	380,957	34,486	1,234,757	430,315	1,061	13,585	415,669	855,760	3,852	23,759	56,381	771,768	43,179	26,262	10,853	6,064
São Paulo State	988,696	28.4	544,911	6,969	78,879	12,174	446,889	183,033	-	13,585	169,448	244,949	601	2,297	27,542	214,509	15,803	532	10,853	4,418
North	190,111	5.5	127,365	76,779	33,922	-	16,664	17,693	-	-	17,693	43,874	-	2,072	1,991	39,811	1,179	1,179	-	-
Northeast	542,409	15.6	364,729	147,464	140,706	-	76,559	15,221	-	-	15,221	154,541	762	3,139	16,656	133,984	7,918	7,918	-	-
Southeast	1,746,277	50.2	981,157	139,641	114,793	12,174	714,549	316,512	1,061	13,585	301,866	427,164	2,546	2,998	30,608	391,012	21,444	5,372	10,853	5,219
South	677,655	19.5	488,144	75,985	49,643	22,312	340,204	54,261	-	-	54,261	124,973	544	15,390	4,166	104,873	10,277	9,432	-	845
Central West	323,461	9.3	189,264	60,590	41,893	-	86,781	26,628	-	-	26,628	105,208	-	160	2,960	102,088	2,361	2,361	-	-
			2003																	
Brazil	3,887,022	100.0	2,276,281	527,719	404,821	52,925	1,290,816	501,108	1,159	15,446	484,503	1,049,926	4,422	26,890	58,192	960,422	59,707	33,801	10,995	14,911
São Paulo State	1,050,054	27.0	551,380	7,086	83,036	13,050	448,208	203,118	-	15,446	187,672	272,512	746	2,361	29,157	240,248	23,044	1,153	10,995	10,896
North	230,227	5.9	142,627	90,832	32,329	-	19,466	22,748	-	-	22,748	63,155	0	1,975	2,972	58,208	1,697	1,651	-	46
Northeast	624,692	16.1	391,333	155,231	153,515	-	82,587	21,085	-	-	21,085	202,345	821	3,532	17,107	180,885	9,929	9,330	-	599
Southeast	1,918,033	49.3	1,033,039	139,646	118,340	13,050	762,003	358,076	1,159	15,446	341,471	497,300	3,053	3,249	31,123	459,875	29,618	6,790	10,995	11,833
South	745,164	19.2	507,317	80,666	53,929	39,875	332,847	65,825	-	-	65,825	156,522	548	17,899	3,391	134,484	15,500	13,067	-	2,433
Central West	368,906	9.5	201,965	61,344	46,708	-	93,913	33,374	-	-	33,374	130,604	-	235	3,399	126,970	2,963	2,963	-	-
			2004																	
Brazil	4,163,733	100.0	2,369,717	533,892	429,823	59,208	1,346,794	614,913	1,205	12,678	601,030	1,102,671	3,746	27,505	60,197	1,011,223	76,432	35,741	14,333	26,358
São Paulo State	1,109,693	26.7	561,919	6,981	88,431	20,070	446,437	235,695	-	12,678	223,017	281,707	748	2,387	28,236	250,336	30,372	1,209	14,333	14,830
North	250,676	6.0	143,161	89,509	35,716	-	17,936	37,365	-	-	37,365	67,466	-	2,455	3,893	61,118	2,684	2,341	-	343
Northeast	680,029	16.3	401,540	156,219	156,430	-	88,891	24,878	-	-	24,878	239,695	884	4,058	17,715	217,038	13,916	10,202	-	3,714
Southeast	2,055,200	49.4	1,092,144	143,325	128,180	20,070	800,569	414,049	1,205	12,678	400,166	509,300	2,276	2,653	31,103	473,268	39,707	8,101	14,333	17,273
South	793,298	19.1	523,713	81,638	61,843	39,138	341,094	84,414	-	-	84,414	168,214	586	18,028	3,396	146,004	16,957	11,929	-	5,028
Central West	384,530	9.2	209,159	63,201	47,654	-	98,304	54,207	-	-	54,207	117,996	-	311	3,890	113,795	3,168	3,168	-	-

( CONTINUED ON NEXT PAGE )

**Detailed Table 2.9 (continued)**  
**Enrollments in higher education (HE), by type of institution and administration – Brazil and São Paulo State, 1999-2006**

Geographic areas/ regions	Enrollments in HE, by type of institution and administration																					
	Universities				University centers				Integrated colleges, single-course colleges, schools and institutes				Technological Education Centers (CETs) and Technology Colleges (FATECs)									
	Total	Federal	State	Municipal	Total	Federal	State	Municipal	Total	Federal	State	Municipal	Total	Federal	State	Municipal						
	Abs. nos.	%																				
			<b>2005</b>																			
<b>Brazil</b>	4,453,156	100.0	2,469,778	549,171	433,692	59,953	1,426,962	674,927	-	-	15,757	659,170	1,225,232	2,143	27,750	59,543	1,135,796	83,219	28,273	15,907	-	39,039
<b>São Paulo State</b>	1,185,028	26.6	586,816	7,039	93,594	18,956	467,227	264,914	-	-	15,757	249,157	298,291	648	2,682	26,243	268,718	35,007	1,276	15,907	-	17,824
North	261,147	5.9	135,981	86,482	31,070	-	18,429	41,046	-	-	-	41,046	80,923	-	1,463	4,180	75,280	3,197	1,568	-	-	1,629
Northeast	738,262	16.6	414,484	158,395	160,087	-	96,002	27,953	-	-	-	27,953	277,061	-	3,827	17,623	255,611	18,764	12,825	-	-	5,939
Southeast	2,209,633	49.6	1,163,870	149,299	134,048	18,956	861,567	452,408	-	-	15,757	436,651	546,542	1,505	3,041	29,246	512,750	46,813	9,294	15,907	-	21,612
South	845,341	19.0	547,773	94,091	63,769	40,997	348,916	95,286	-	-	-	95,286	191,861	638	19,019	3,757	168,447	10,421	1,107	-	-	9,314
Central West	398,773	9.0	207,670	60,904	44,718	-	102,048	58,234	-	-	-	58,234	128,845	-	400	4,737	123,708	4,024	3,479	-	-	545
			<b>2006</b>																			
<b>Brazil</b>	4,676,646	100.0	2,510,396	556,231	436,662	60,370	1,457,133	727,909	-	-	16,510	711,399	1,340,204	2,208	28,532	60,847	1,248,617	98,137	31,382	16,562	-	50,193
<b>São Paulo State</b>	1,268,976	27.1	618,740	7,486	94,288	18,880	498,086	297,228	-	-	16,281	280,947	314,647	625	1,668	25,567	286,787	38,361	1,700	16,320	-	20,341
North	280,554	6.0	139,100	83,950	37,378	-	17,772	45,346	-	-	-	45,346	91,795	-	-	4,683	87,112	4,313	2,162	-	-	2,151
Northeast	796,140	17.0	421,485	160,330	159,984	-	101,171	29,786	-	-	-	29,786	324,588	-	4,219	18,946	301,423	20,281	12,799	-	-	7,882
Southeast	2,333,514	49.9	1,202,154	153,710	132,478	18,880	897,086	496,624	-	-	16,281	480,343	581,236	1,520	3,680	28,645	547,391	53,500	11,106	16,562	-	25,832
South	854,831	18.3	537,560	96,681	64,439	41,490	334,950	91,820	-	-	229	91,591	210,873	688	20,150	3,550	186,485	14,578	1,358	-	-	13,220
Central West	411,607	8.8	210,097	61,560	42,383	-	106,154	64,333	-	-	-	64,333	131,712	-	483	5,023	126,206	5,465	3,957	-	-	1,508
			<b>Growth rate 1999-2001 (%)</b>																			
Brazil	27.9	20.8	12.0	21.5	41.09	27.4	110.1	106.6	23.6	(5.7)	(15.5)	7.1	28.3	61.5	85.7	23.5						
São Paulo State	21.4	14.2	8.9	2.2	4.3	16.9	88.0	82.0	10.7	9.8	10.4	(1.8)	12.5	30.3	23.5							
			<b>Growth rate 2001-2006 (%)</b>																			
Brazil	54.3	28.3	17.8	35.6	163.5	27.9	115.2	248.5	113.9	90.2	17.0	17.9	101.8	211.8	55.1	56.1	7,829.4					
São Paulo State	41.2	20.1	10.3	34.2	67.0	16.7	98.2	243.6	93.4	41.5	9.6	(29.6)	7.0	46.6	242.7	334.8	53.8	10,439.4				

Source: INEP, Higher Education Census (microdata).



**Detailed Table 2.10**  
**Higher education institutions (HEI), by type of institution and administration – Brazil and São Paulo State, 1999-2006**

Geographic areas/ regions	HEI by type of institution and administration																				
	Universities					University centers					Integrated colleges, single-course colleges, schools and institutes					Technological Education Centers (CETs) and Technology Colleges (FATECs)					
	Total	Federal	State	Municipal	Private	Total	Federal	State	Municipal	Private	Total	Federal	State	Municipal	Private	Total	Federal	State	Municipal	Private	
	Grand total	Abs. nos.																			%
		1999																			
<b>Brazil</b>	1,097	100.0	155	39	30	3	83	39	-	-	-	39	887	11	36	57	783	16	10	6	-
<b>São Paulo State</b>	356	32.5	36	2	3	1	30	19	-	-	-	19	295	1	3	22	269	6	-	6	-
North	42	3.8	9	6	2	-	1	1	-	-	-	1	32	1	1	1	29	-	-	-	-
Northeast	141	12.9	28	10	12	-	6	1	-	-	-	1	108	1	4	14	89	4	4	-	-
Southeast	634	57.8	70	13	7	1	49	29	-	-	-	29	526	8	8	30	480	9	3	6	-
South	148	13.5	36	6	6	2	22	6	-	-	-	6	104	1	11	5	87	2	2	-	-
Central West	132	12.0	12	4	3	-	5	2	-	-	-	2	117	-	12	7	98	1	1	-	-
		2000																			
<b>Brazil</b>	1,180	100.0	156	39	30	2	85	50	-	-	1	49	955	11	23	51	870	19	11	8	-
<b>São Paulo State</b>	373	31.6	36	2	3	1	30	22	-	-	1	21	307	1	3	20	283	8	-	8	-
North	46	3.9	9	6	2	-	1	2	-	-	-	2	35	1	1	1	32	-	-	-	-
Northeast	157	13.3	28	10	12	-	6	2	-	-	-	2	123	1	4	13	105	4	4	-	-
Southeast	667	56.5	71	13	7	1	50	37	-	-	1	36	548	8	7	24	509	11	3	8	-
South	176	14.9	36	6	6	1	23	6	-	-	-	6	131	1	11	6	113	3	3	-	-
Central West	134	11.4	12	4	3	-	5	3	-	-	-	3	118	-	-	7	111	1	1	-	-
		2001																			
<b>Brazil</b>	1,391	100.0	156	39	30	2	85	66	1	-	1	64	1,135	10	24	50	1,051	34	17	9	8
<b>São Paulo State</b>	411	29.5	36	2	3	1	30	30	-	-	1	29	330	1	3	19	307	15	1	9	5
North	61	4.4	9	6	2	-	1	3	-	-	-	3	48	1	1	1	45	1	1	-	-
Northeast	211	15.2	28	10	12	-	6	2	-	-	-	2	176	1	4	14	157	5	5	-	-
Southeast	742	53.3	71	13	7	1	50	50	1	-	1	48	601	7	8	23	563	20	5	9	6
South	215	15.5	36	6	6	1	23	8	-	-	-	8	166	1	11	5	149	5	3	-	2
Central West	162	11.6	12	4	3	-	5	3	-	-	-	3	144	-	-	7	137	3	3	-	-

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**Detailed Table 2.10 (continued)**  
**Higher education institutions (HEI), by type of institution and administration – Brazil and São Paulo State, 1999-2006**

Geographic areas / regions	HEI by type of institution and administration																					
	Grand total			Universities			University centers			Integrated colleges, single-course colleges, schools and institutes			Technological Education Centers (CEIs) and Technology Colleges (FATECs)									
	Total	Federal	State	Federal	State	Municipal	Federal	State	Municipal	Federal	State	Municipal	Federal	State	Municipal	Private						
	Abs. nos.	%																				
	<b>2002</b>																					
Brazil	1,637	100.0	162	43	31	4	84	77	1	-	2	74	1,345	7	25	51	1,262	53	22	9	-	22
São Paulo State	450	27.5	36	2	3	1	30	33	-	-	2	31	358	1	3	20	334	23	1	9	-	13
North	83	5.1	11	7	3	-	1	4	-	-	-	4	66	-	1	1	64	2	2	-	-	-
Northeast	256	15.6	29	11	12	-	6	2	-	-	-	2	217	1	5	14	197	8	8	-	-	-
Southeast	840	51.3	73	15	7	1	50	58	1	-	2	55	679	5	7	25	642	30	5	9	-	16
South	260	15.9	37	6	6	3	22	10	-	-	-	10	203	1	11	4	187	10	4	-	-	6
Central West	198	12.1	12	4	3	-	5	3	-	-	-	3	180	-	1	7	172	3	3	-	-	-
	<b>2003</b>																					
Brazil	1,859	100.0	163	44	31	4	84	81	1	-	2	78	1,522	7	26	53	1,436	93	31	8	-	54
São Paulo State	475	25.6	36	2	3	1	30	35	-	-	2	33	373	1	3	20	349	31	1	8	-	22
North	101	5.4	12	8	3	-	1	5	-	-	-	5	81	-	1	1	79	3	2	-	-	1
Northeast	304	16.4	29	11	12	-	6	2	-	-	-	2	259	1	5	13	240	14	10	-	-	4
Southeast	938	50.5	73	15	7	1	50	60	1	-	2	57	757	5	7	26	719	48	9	8	-	31
South	306	16.5	37	6	6	3	22	11	-	-	-	11	235	1	12	3	219	23	5	-	-	18
Central West	210	11.3	12	4	3	-	5	3	-	-	-	3	190	-	1	10	179	5	5	-	-	-
	<b>2004</b>																					
Brazil	2,013	100.0	169	46	32	5	86	107	1	-	2	104	1,593	6	28	55	1,504	144	34	15	-	95
São Paulo State	504	25.0	37	2	3	2	30	41	-	-	2	39	380	1	3	19	357	46	1	15	-	30
North	118	5.9	12	8	3	-	1	7	-	-	-	7	92	-	3	1	88	7	3	-	-	4
Northeast	344	17.1	30	12	12	-	6	3	-	-	-	3	291	1	6	15	269	20	10	-	-	10
Southeast	1,001	49.7	76	16	7	2	51	72	1	-	2	69	781	4	6	26	745	72	11	15	-	46
South	335	16.6	38	6	7	3	22	15	-	-	-	15	244	1	12	3	228	38	5	-	-	33
Central West	215	10.7	13	4	3	-	6	10	-	-	-	10	185	-	1	10	174	7	5	-	-	2

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**Detailed Table 2.10(continued)  
Higher education institutions (HEI), by type of institution and administration – Brazil and São Paulo State, 1999-2006**

Geographic areas / regions	HEI by type of institution and administration																													
	Grand total						Universities						University centers						Integrated colleges, single-course colleges, schools and institutes						Technological Education Centers (CETs) and Technology Colleges (FATECs)					
	Total	Federal	State	Municipal	Private	Total	Federal	State	Municipal	Private	Total	Federal	State	Municipal	Private	Total	Federal	State	Municipal	Private	Total	Federal	State	Municipal	Private					
	Abs. nos.																													
	%																													
	2005																													
Brazil	2,165	100.0	176	52	33	5	86	114	-	3	111	1,691	8	26	51	1,606	184	37	16	-	131									
São Paulo State	521	24.1	37	2	3	2	30	46	-	3	43	385	1	4	19	361	53	1	16	-	36									
North	122	5.6	12	8	3	-	1	7	-	-	7	96	-	1	1	94	7	3	-	-	4									
Northeast	388	17.9	33	14	13	-	6	3	-	-	3	323	-	5	17	301	29	11	-	-	18									
Southeast	1,051	48.5	78	18	7	2	51	78	-	3	75	811	7	7	26	771	84	12	16	-	56									
South	370	17.1	39	7	7	3	22	16	-	-	16	264	1	12	3	248	51	6	-	-	45									
Central West	234	10.8	14	5	3	-	6	10	-	-	10	197	-	1	4	192	13	5	-	-	8									
	2006																													
Brazil	2,270	100.0	178	53	34	5	86	119	-	4	115	1,765	5	30	51	1,679	208	47	19	-	142									
São Paulo State	540	23.8	38	3	3	2	30	47	-	3	44	401	1	3	18	379	54	1	17	-	36									
North	135	5.9	13	8	4	-	1	7	-	-	7	105	-	-	1	104	10	5	-	-	5									
Northeast	412	18.1	33	14	13	-	6	3	-	-	3	344	-	6	18	320	32	12	-	-	20									
Southeast	1,093	48.1	79	19	7	2	51	81	-	3	78	838	4	11	25	798	95	19	19	-	57									
South	387	17.0	39	7	7	3	22	17	-	1	16	274	1	12	3	258	57	6	-	-	51									
Central West	243	10.7	14	5	3	-	6	11	-	-	11	204	-	1	4	199	14	5	-	-	9									
	Growth rate 1999-2001 (%)																													
Brazil	26.8		0.6	0.0	0.0	-33.3	2.4	69.2		64.1	28.0	-9.1	-33.3	-12.3	34.2	112.5	70.0	50.0												
São Paulo State	15.4		0.0	0.0	0.0	0.0	0.0	57.9		52.6	11.9	0.0	0.0	-13.6	14.1	150.0	50.0													
	Growth 2001-2006 (%)																													
Brazil	63.2		14.1	35.9	13.3	150.0	1.2	80.3		300.0	79.7	55.5	-50.0	25.0	2.0	59.8	511.8	176.5	111.1		1,675.0									
São Paulo State	31.4		5.6	50.0	0.0	100.0	0.0	56.7		200.0	51.7	21.5	0.0	0.0	-5.3	23.5	260.0	0.0	88.9		620.0									

Source: INEP, Higher Education Census (microdata).

**Detailed Table 2.11**  
**Enrollments in higher education (HE) (1), by type of administration and knowledge area**  
**– Brazil and São Paulo State, 1998-2006**

Knowledge areas	Enrollments in HE (1) by type of administration											
	Brazil						São Paulo State					
	Total		Federal	State	Municipal	Private	Total		Federal	State	Municipal	Private
	Abs. nos.	%					Abs. nos.	%				
<b>1998</b>												
<b>Total</b>	<b>2,125,958</b>	<b>100.0</b>	<b>408,640</b>	<b>274,934</b>	<b>121,155</b>	<b>1,321,229</b>	<b>678,706</b>	<b>100.0</b>	<b>6,609</b>	<b>76,651</b>	<b>39,497</b>	<b>555,949</b>
Agriculture & veterinary medicine	53,678	2.5	25,642	10,090	2,031	15,915	11,245	1.7	218	4,175	132	6,720
Education	143,631	6.8	22,702	30,029	10,627	80,273	35,759	5.3	255	2,685	2,320	30,499
Engineering, production & construction	198,057	9.3	59,998	30,198	5,791	102,070	75,129	11.1	2,063	17,224	2,392	53,450
Health & social welfare	289,682	13.6	73,090	34,054	11,008	171,530	92,679	13.7	1,856	11,861	4,827	74,135
Humanities & arts	203,786	9.6	55,682	52,517	12,416	83,171	45,754	6.7	232	11,399	2,742	31,381
Science, mathematics & computing	288,213	13.6	63,569	55,983	20,917	147,744	82,205	12.1	1,474	16,153	8,149	56,429
Services	19,815	0.9	2,154	646	857	16,158	8,111	1.2	-	277	-	7,834
Social sciences, business & law	928,226	43.7	105,803	60,975	57,508	703,940	327,316	48.2	511	12,435	18,935	295,435
Foundation/General programs	870	0.0	-	442	-	428	508	0.1	-	442	-	66
<b>1999</b>												
<b>Total</b>	<b>2,369,945</b>	<b>100.0</b>	<b>442,562</b>	<b>302,380</b>	<b>87,080</b>	<b>1,537,923</b>	<b>740,113</b>	<b>100.0</b>	<b>6,754</b>	<b>79,499</b>	<b>35,162</b>	<b>618,698</b>
Agriculture & veterinary medicine	58,848	2.5	27,603	11,020	1,188	19,037	12,121	1.6	226	4,514	136	7,245
Education	171,194	7.2	26,177	33,606	6,812	104,599	42,079	5.7	264	3,012	1,880	36,923
Engineering, production & construction	215,579	9.1	64,743	33,609	5,218	112,009	79,503	10.7	2,082	18,378	2,638	56,405
Health & social welfare	322,727	13.6	75,900	35,546	9,336	201,945	103,527	14.0	1,842	11,827	5,352	84,506
Humanities & arts	231,029	9.7	60,406	59,286	8,583	102,754	51,462	7.0	299	11,384	1,797	37,982
Science, mathematics & computing	320,610	13.5	72,271	63,869	13,559	170,911	86,672	11.7	1,476	16,762	5,022	63,412
Services	30,823	1.3	2,381	969	1,453	26,020	13,716	1.9	-	267	90	13,359
Social sciences, business & law	1,019,135	43.0	113,081	64,475	40,931	800,648	351,033	47.4	565	13,355	18,247	318,866
Foundation/General programs	0	0.0	-	-	-	-	0	0.0	-	-	-	0
<b>2000</b>												
<b>Total</b>	<b>2,694,245</b>	<b>100.0</b>	<b>482,750</b>	<b>332,104</b>	<b>72,172</b>	<b>1,807,219</b>	<b>818,304</b>	<b>100.0</b>	<b>7,114</b>	<b>80,564</b>	<b>37,875</b>	<b>692,751</b>
Agriculture & veterinary medicine	63,260	2.3	28,562	11,889	1,148	21,661	12,988	1.6	229	4,464	138	8,157
Education	584,664	21.7	99,477	143,662	22,177	319,348	112,484	13.7	822	8,117	8,018	95,527
Engineering, production & construction	234,497	8.7	69,721	35,402	4,796	124,578	83,975	10.3	2,185	19,138	2,649	60,003
Health & social welfare	323,196	12.0	70,167	31,222	5,357	216,450	104,656	12.8	1,558	11,557	4,301	87,240
Humanities & arts	88,559	3.3	35,905	15,326	1,291	36,037	29,134	3.6	176	8,634	171	20,153
Science, mathematics & computing	233,726	8.7	58,582	27,054	5,409	142,681	78,389	9.6	1,561	14,326	3,610	58,892
Services	44,201	1.6	2,848	1,396	454	39,503	19,236	2.4	-	495	162	18,579
Social sciences, business & law	1,122,142	41.6	117,488	66,153	31,540	906,961	377,442	46.1	583	13,833	18,826	344,200
Foundation/General programs	0	0.0	-	-	-	-	0	0.0	-	-	-	-

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**Detailed Table 2.11 (continued)**  
**Enrollments in higher education (HE) (1), by type of administration and knowledge area**  
**– Brazil and São Paulo State, 1998-2006**

Knowledge areas	Enrollments in HE (1) by type of administration											
	Brazil						São Paulo State					
	Total		Federal	State	Municipal	Private	Total		Federal	State	Municipal	Private
	Abs. nos.	%					Abs. nos.	%				
<b>2001</b>												
<b>Total</b>	<b>3,030,754</b>	<b>100.0</b>	<b>502,960</b>	<b>357,015</b>	<b>79,250</b>	<b>2,091,529</b>	<b>898,643</b>	<b>100.0</b>	<b>7,749</b>	<b>83,235</b>	<b>39,930</b>	<b>767,729</b>
Agriculture & veterinary medicine	67,533	2.2	28,848	12,574	1,037	25,074	14,240	1.6	227	4,531	139	9,343
Education	653,813	21.6	111,584	155,488	24,916	361,825	119,673	13.3	851	7,932	7,587	103,303
Engineering, production & construction	254,398	8.4	73,397	37,756	5,955	137,290	91,646	10.2	2,609	19,791	3,611	65,635
Health & social welfare	363,466	12.0	70,711	32,391	6,129	254,235	112,921	12.6	1,551	11,827	4,736	94,807
Humanities & arts	99,926	3.3	35,682	16,547	1,408	46,289	33,807	3.8	194	8,690	198	24,725
Science, mathematics & computing	262,207	8.7	61,022	30,335	5,717	165,133	88,678	9.9	1,656	15,534	3,768	67,720
Services	61,980	2.0	3,141	1,653	701	56,485	25,199	2.8	80	515	209	24,395
Social sciences, business & law	1,265,861	41.8	118,553	69,715	33,387	1,044,206	411,923	45.8	581	13,859	19,682	377,801
Foundation/General programs	1,570	0.1	22	556	-	992	556	0.1	-	556	-	-
<b>2002</b>												
<b>Total</b>	<b>3,479,913</b>	<b>100.0</b>	<b>531,634</b>	<b>415,569</b>	<b>104,452</b>	<b>2,428,258</b>	<b>988,696</b>	<b>100.0</b>	<b>8,102</b>	<b>92,029</b>	<b>53,301</b>	<b>835,264</b>
Agriculture & veterinary medicine	73,058	2.1	30,166	13,712	1,197	27,983	14,607	1.5	224	4,642	106	9,635
Education	757,890	21.8	122,491	201,386	32,912	401,101	131,401	13.3	961	8,977	12,292	109,171
Engineering, production & construction	279,716	8.0	78,735	38,995	6,601	155,385	97,675	9.9	2,628	21,475	3,189	70,383
Health & social welfare	424,383	12.2	71,759	35,794	7,921	308,909	125,821	12.7	1,556	12,635	5,557	106,073
Humanities & arts	114,870	3.3	37,264	18,693	1,786	57,127	38,962	3.9	199	10,619	404	27,740
Science, mathematics & computing	299,530	8.6	65,003	33,186	9,286	192,055	98,797	10.0	1,733	17,249	6,041	73,774
Services	80,707	2.3	4,222	2,132	940	73,413	29,841	3.0	200	553	225	28,863
Social sciences, business & law	1,448,445	41.6	121,903	70,883	43,809	1,211,850	450,804	45.6	601	15,091	25,487	409,625
Foundation/General programs	1,314	0.0	91	788	-	435	788	0.1	-	788	-	-
<b>2003</b>												
<b>Total</b>	<b>3,887,022</b>	<b>100.0</b>	<b>567,101</b>	<b>442,706</b>	<b>126,563</b>	<b>2,750,652</b>	<b>1,050,054</b>	<b>100.0</b>	<b>8,985</b>	<b>96,392</b>	<b>57,653</b>	<b>887,024</b>
Agriculture & veterinary medicine	80,454	2.1	32,769	15,699	806	31,180	15,588	1.5	226	4,824	151	10,387
Education	838,102	21.6	132,241	214,740	35,377	455,744	141,167	13.4	1,039	9,890	12,706	117,532
Engineering, production & construction	301,158	7.7	85,255	39,530	9,934	166,439	102,511	9.8	3,158	21,890	4,411	73,052
Health & social welfare	483,997	12.5	72,726	36,296	12,696	362,279	135,222	12.9	1,548	12,289	6,428	114,957
Humanities & arts	135,413	3.5	39,211	21,899	2,606	71,697	45,525	4.3	189	11,837	526	32,973
Science, mathematics & computing	333,559	8.6	70,408	37,314	10,747	215,090	108,333	10.3	1,770	18,608	6,075	81,880
Services	90,602	2.3	5,075	2,848	1,376	81,303	30,150	2.9	312	745	199	28,894
Social sciences, business & law	1,621,879	41.7	127,814	74,177	53,021	1,366,867	471,223	44.9	611	16,106	27,157	427,349
Foundation/General programs	1,858	0.0	1,602	203	-	53	335	0.0	132	203	-	-

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**Detailed Table 2.11 (continued)**  
**Enrollments in higher education (HE) (1), by type of administration and knowledge area**  
**– Brazil and São Paulo State, 1998-2006**

Knowledge areas	Enrollments in HE (1) by type of administration											
	Brazil						São Paulo State					
	Total		Federal	State	Municipal	Private	Total		Federal	State	Municipal	Private
	Abs. nos.	%					Abs. nos.	%				
<b>2004</b>												
<b>Total</b>	<b>4,163,733</b>	<b>100.0</b>	<b>574,584</b>	<b>471,661</b>	<b>132,083</b>	<b>2,985,405</b>	<b>1,109,693</b>	<b>100.0</b>	<b>8,938</b>	<b>105,151</b>	<b>60,984</b>	<b>934,620</b>
Agriculture & veterinary medicine	87,215	2.1	34,132	17,754	1,226	34,103	16,018	1.4	222	5,059	234	10,503
Education	858,943	20.6	127,765	223,029	34,141	474,008	149,257	13.5	1,191	10,358	12,385	125,323
Engineering, production & construction	319,175	7.7	86,901	43,732	11,274	177,268	106,758	9.6	2,788	23,889	5,269	74,812
Health & social welfare	556,505	13.4	73,072	39,203	14,733	429,497	154,167	13.9	1,526	13,051	7,226	132,364
Humanities & arts	150,517	3.6	40,569	23,576	2,791	83,581	51,135	4.6	184	12,670	563	37,718
Science, mathematics & computing	360,059	8.6	74,956	42,556	11,626	230,921	115,556	10.4	1,893	21,373	6,673	85,617
Services	94,192	2.3	6,155	4,007	1,020	83,010	29,531	2.7	406	1,094	184	27,847
Social sciences, business & law	1,735,105	41.7	129,268	77,607	55,272	1,472,958	486,939	43.9	593	17,460	28,450	440,436
Foundation/General programs	2,022	0.0	1,766	197	-	59	332	0.0	135	197	-	-
<b>2005</b>												
<b>Total</b>	<b>4,453,156</b>	<b>100.0</b>	<b>579,587</b>	<b>477,349</b>	<b>135,253</b>	<b>3,260,967</b>	<b>1,185,028</b>	<b>100.0</b>	<b>8,963</b>	<b>112,183</b>	<b>60,956</b>	<b>1,002,926</b>
Agriculture & veterinary medicine	97,280	2.2	35,701	19,912	1,520	40,147	17,682	1.5	233	5,256	338	11,855
Education	904,201	20.3	121,196	218,633	36,801	527,571	173,639	14.7	1,177	12,057	13,312	147,093
Engineering, production & construction	344,714	7.7	91,366	46,970	12,124	194,254	114,414	9.7	3,233	24,906	5,824	80,451
Health & social welfare	622,464	14.0	75,233	40,470	15,928	490,833	169,990	14.3	1,531	13,703	7,256	147,500
Humanities & arts	156,888	3.5	40,674	23,258	2,751	90,205	54,659	4.6	178	12,959	603	40,919
Science, mathematics & computing	377,818	8.5	76,253	43,692	10,642	247,231	122,970	10.4	1,927	23,558	5,818	91,667
Services	94,792	2.1	6,809	4,789	1,098	82,096	28,024	2.4	77	1,782	288	25,877
Social sciences, business & law	1,852,373	41.6	131,969	79,426	54,389	1,586,589	503,451	42.5	607	17,763	27,517	457,564
Foundation/General programs	2,626	0.1	386	199	-	2,041	199	0.0	-	199	-	-
<b>2006</b>												
<b>Total</b>	<b>4,676,646</b>	<b>100.0</b>	<b>589,821</b>	<b>481,756</b>	<b>137,727</b>	<b>3,467,342</b>	<b>1,268,976</b>	<b>100.0</b>	<b>9,811</b>	<b>112,276</b>	<b>60,728</b>	<b>1,086,161</b>
Agriculture & veterinary medicine	105,758	2.3	37,921	21,775	1,592	44,470	19,204	1.5	245	5,498	364	13,097
Education	892,803	19.1	116,301	218,364	35,147	522,991	182,679	14.4	1,300	12,181	12,407	156,791
Engineering, production & construction	371,502	7.9	95,426	47,787	12,671	215,618	123,306	9.7	3,271	25,215	6,780	88,040
Health & social welfare	694,103	14.8	76,855	41,702	16,763	558,783	191,225	15.1	1,725	13,955	7,086	168,459
Humanities & arts	165,662	3.5	41,618	22,270	2,913	98,861	57,049	4.5	165	11,664	666	44,554
Science, mathematics & computing	392,930	8.4	79,588	44,034	10,660	258,648	128,433	10.1	1,938	24,014	5,785	96,696
Services	90,947	1.9	7,559	5,302	1,194	76,892	27,448	2.2	533	1,908	412	24,595
Social sciences, business & law	1,962,369	42.0	134,127	80,376	56,787	1,691,079	539,486	42.5	634	17,695	27,228	493,929
Foundation/General programs	572	0.0	426	146	-	-	146	0.0	-	146	-	-

Source: INEP, Higher Education Census (microdata).

(1) Face-to-face undergraduate courses, including those offered by Technology Education Centers (CETs) and Technology Colleges (FATs).

**Detailed Table 2.12**  
**Enrollments (abs no. and percentages) in higher education in interior cities, by type of institution and administration – Brazil and São Paulo State, 1999-2006**

Geographic areas and enrollments	Undergraduate enrollments (1), by type of institution and administration																				
	Universities				University centers				Integrated and single-course colleges, schools, institutes				Technological Education Centers (CETs) and Technology Colleges (FATECs)								
	Total	Federal	State	Municipal	Private	Total	Federal	State	Municipal	Private	Total	Federal	State	Municipal	Private						
	<b>1999</b>																				
<b>Brazil</b>																					
Total	1,619,734	421,353	264,938	38,891	894,552	160,977	-	-	-	160,977	569,750	10,316	28,851	48,189	482,394	19,484	10,893	8,591	-	-	
in interior cities (%)	50.0	29.8	77.3	100.0	51.8	47.0	-	-	-	47.0	62.0	73.5	80.8	100.0	56.8	25.1	12.7	40.8	-	-	
<b>São Paulo State</b>																					
Total	450,869	6,235	68,761	10,846	365,027	79,781	-	-	-	79,781	200,872	519	2,147	24,316	173,890	8,591	-	8,591	-	-	
in interior cities (%)	54.9	79.2	55.7	100.0	53.0	57.8	-	-	-	57.8	72.1	100.0	100.0	100.0	67.8	40.8	-	40.8	-	-	
	<b>2000</b>																				
<b>Brazil</b>																					
Total	1,806,989	459,011	299,033	22,122	1,026,823	244,679	-	-	-	4,618	240,061	619,255	10,386	23,102	45,432	540,335	23,322	13,353	9,969	-	
in interior cities (%)	52.1	31.1	72.5	100.0	54.5	43.9	-	-	-	100.0	42.8	62.5	75.6	78.6	100.0	58.4	35.7	26.5	49.3	-	
<b>São Paulo State</b>																					
Total	487,438	6,576	68,474	11,091	401,297	109,057	-	-	-	4,618	104,439	211,840	538	2,121	22,166	187,015	9,969	-	9,969	-	
in interior cities (%)	58.1	80.1	58.0	100.0	56.6	56.6	-	-	-	100.0	54.6	72.6	100.0	100.0	100.0	69.0	48.0	-	48.0	-	
	<b>2001</b>																				
<b>Brazil</b>																					
Total	1,956,542	471,989	322,013	22,911	1,139,629	338,275	1,012	-	-	4,738	332,525	704,465	9,731	24,391	51,601	618,742	31,472	20,228	10,611	-	633
in interior cities (%)	52.3	31.9	72.0	100.0	54.3	48.6	100.0	-	-	100.0	47.7	59.7	71.9	75.2	100.0	55.5	34.2	24.6	50.4	-	69.5
<b>São Paulo State</b>																					
Total	515,084	6,788	70,254	11,307	426,735	149,969	-	-	-	4,738	145,231	222,395	570	2,370	23,885	195,570	11,195	391	10,611	-	193
in interior cities (%)	57.5	81.2	58.5	100.0	55.8	62.0	-	-	-	100.0	60.8	70.5	100.0	100.0	100.0	66.4	47.8	-	50.4	-	-

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**Detailed Table 2.12 (continued)**  
**Enrollments (abs no. and percentages) in higher education in interior cities, by type of institution and administration - Brazil and São Paulo State, 1999-2006**

Geographic areas and enrollments	Undergraduate enrollments (1), by type of institution and administration																			
	Universities					University centers					Integrated and single-course colleges, schools, institutes					Technological Education Centers (CETs) and Technology Colleges (FATECs)				
	Total	Federal	State	Municipal	Private	Total	Federal	State	Municipal	Private	Total	Federal	State	Municipal	Private	Total	Federal	State	Municipal	Private
	<b>2002</b>																			
<b>Brazil</b>																				
Total	2,150,659	500,459	380,957	34,486	1,234,757	430,315	1,061	-	13,585	415,669	855,760	3,852	23,759	56,381	771,768	43,179	26,262	10,853	-	6,064
in interior cities (%)	53.7	33.8	73.6	100.0	54.3	48.8	100.0	-	100.0	47.0	60.0	65.1	78.9	100.0	56.4	37.3	36.0	49.7	-	20.5
<b>São Paulo State</b>																				
Total	544,911	6,969	78,879	12,174	446,889	183,033	-	-	13,585	169,448	244,949	601	2,297	27,542	214,509	15,803	532	10,853	-	4,418
in interior cities (%)	57.7	81.5	54.7	100.0	56.7	58.7	-	-	100.0	55.4	74.9	100.0	100.0	100.0	71.4	35.6	-	49.7	-	5.0
	<b>2003</b>																			
<b>Brazil</b>																				
Total	2,276,281	527,719	404,821	52,925	1,290,816	501,108	1,159	-	15,446	484,503	1,049,926	4,422	26,890	58,192	960,422	59,707	33,801	10,995	-	14,911
in interior cities (%)	53.7	33.3	73.1	98.0	54.1	49.7	100.0	-	100.0	47.9	59.3	69.0	79.6	100.0	56.2	31.0	30.5	49.8	-	18.3
<b>São Paulo State</b>																				
Total	551,380	7,086	83,036	13,050	448,208	203,118	-	-	15,446	187,672	272,512	746	2,361	29,157	240,248	23,044	1,153	10,995	-	10,896
in interior cities (%)	58.3	81.8	56.1	100.0	57.2	60.3	-	-	100.0	57.0	76.0	100.0	100.0	100.0	72.7	29.2	-	49.8	-	11.6
	<b>2004</b>																			
<b>Brazil</b>																				
Total	2,369,717	533,892	429,823	59,208	1,346,794	614,913	1,205	-	12,678	601,030	1,102,671	3,746	27,505	60,197	1,011,223	76,432	35,741	14,333	-	26,358
in interior cities (%)	54.6	33.1	75.1	98.6	54.7	49.5	100.0	-	100.0	48.4	60.5	62.6	81.1	100.0	57.6	34.3	29.7	53.2	-	30.1
<b>São Paulo State</b>																				
Total	561,919	6,981	88,431	20,070	446,437	235,695	-	-	12,678	223,017	281,707	748	2,387	28,236	250,336	30,372	1,209	14,333	-	14,830
in interior cities (%)	59.4	81.4	58.0	100.0	57.5	60.0	-	-	100.0	57.8	78.2	100.0	100.0	100.0	74.7	34.4	6.2	53.2	-	18.6

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**Detailed Table 2.12 (continued)**  
**Enrollments (abs no. and percentages) in higher education in interior cities, by type of institution and administration – Brazil and São Paulo State, 1999-2006**

Geographic areas and enrollments	Undergraduate enrollments (1), by type of institution and administration																			
	Universities				University centers				Integrated and single-course colleges, schools, institutes				Technological Education Centers (CEFs) and Technology Colleges (FATECs)							
	Total	Federal	State	Municipal	Private	Total	Federal	State	Municipal	Private	Total	Federal	State	Municipal	Private					
	<b>2005</b>																			
<b>Brazil</b>																				
Total	2,469,778	549,171	433,692	59,953	1,426,962	674,927	-	-	15,757	659,170	1,225,232	2,143	27,750	59,543	1,135,796	83,219	28,273	15,907	-	39,039
in interior cities (%)	55.0	33.6	73.9	98.6	55.6	49.8	-	-	100.0	48.6	61.1	31.3	85.0	100.0	58.5	34.3	21.7	56.8	-	34.2
<b>São Paulo State</b>																				
Total	586,816	7,039	93,594	18,956	467,227	264,914	-	-	15,757	249,157	298,291	648	2,682	26,243	268,718	35,007	1,276	15,907	-	17,824
in interior cities (%)	59.3	81.2	58.6	100.0	57.4	61.5	-	-	100.0	59.0	77.5	100.0	100.0	100.0	75.1	40.5	9.4	56.8	-	28.2
	<b>2006</b>																			
<b>Brazil</b>																				
Total	2,510,396	556,231	436,662	60,370	1,457,133	727,909	-	-	16,510	711,399	1,340,204	2,208	28,532	60,847	1,248,617	98,137	31,382	16,562	-	50,193
in interior cities (%)	54.7	33.4	74.9	97.2	55.1	49.2	-	-	100.0	48.0	60.6	28.3	86.3	100.0	58.2	36.8	26.4	56.5	-	36.8
<b>São Paulo State</b>																				
Total	618,740	7,486	94,288	18,880	498,086	297,228	-	-	16,281	280,947	314,647	625	1,668	25,567	286,787	38,361	1,700	16,320	-	20,341
in interior cities (%)	58.2	82.2	61.8	100.0	55.5	57.5	-	-	100.0	55.0	79.1	100.0	100.0	100.0	77.0	43.6	9.2	57.2	-	35.5

Source: INEP, Higher Education Census (microdata).

(1) Enrollment in undergraduate courses.





**Detailed Table 2.15**  
**Enrollments in undergraduate courses (total and in evening courses), by type of institution and administration – Brazil and São Paulo State, 1999-2006**

Geographic areas and enrollments	Enrollments in evening undergraduate courses, by type of institution and administration															
	Federal				Public State				Municipal				Private			
	Universities		CETs & FATECs (1)		University centers		Other (2)		Universities		CETs & FATECs (1)		University centers		Other (2)	
	Universities	CETs & FATECs (1)	University centers	Other (2)	Universities	CETs & FATECs (1)	University centers	Other (2)	Universities	CETs & FATECs (1)	University centers	Other (2)	Universities	CETs & FATECs (1)	University centers	Other (2)
	<b>1999</b>															
<b>Brazil</b>																
Total enrollments	421,353	10,893	-	10,316	264,938	8,591	-	28,851	38,891	-	-	48,189	894,552	-	160,977	482,394
Enrollments in evening courses	84,093	8,097	-	2,630	114,071	4,263	-	21,901	23,007	-	-	39,318	503,754	-	116,950	375,974
Enrollments in evening courses (%)	20.0	74.3	-	25.5	43.1	49.6	-	75.9	59.2	-	-	81.6	56.3	-	72.7	77.9
<b>São Paulo State</b>																
Total enrollment	6,235	-	-	519	68,761	8,591	-	2,147	10,846	-	-	24,316	365,027	-	79,781	173,890
Enrollments in evening courses	994	-	-	-	20,441	4,263	-	461	7,597	-	-	18,187	235,124	-	58,644	130,708
Enrollments in evening courses (%)	15.9	-	-	-	29.7	49.6	-	21.5	70.0	-	-	74.8	64.4	-	73.5	75.2
	<b>2000</b>															
<b>Brazil</b>																
Total enrollments	459,011	13,353	-	10,386	299,033	9,969	-	23,102	22,122	-	4,618	45,432	1,026,823	-	240,061	540,335
Enrollments in evening courses	99,218	9,628	-	2,691	126,705	5,286	-	16,229	14,008	-	3,802	36,739	606,724	-	168,062	421,247
Enrollments in evening courses (%)	21.6	72.1	-	25.9	42.4	53.0	-	70.2	63.3	-	82.3	80.9	59.1	-	70.0	78.0
<b>São Paulo State</b>																
Total enrollments	6,576	-	-	538	68,474	9,969	-	2,121	11,091	-	4,618	22,166	401,297	-	104,439	187,015
Enrollments in evening courses	1,149	-	-	-	20,743	5,286	-	437	7,680	-	3,802	16,450	259,232	-	73,909	143,266
Enrollments in evening courses (%)	17.5	-	-	-	30.3	53.0	-	20.6	69.2	-	82.3	74.2	64.6	-	70.8	76.6

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**Detailed Table 2.15 (continued)**  
**Enrollments in undergraduate courses (total and in evening courses), by type of institution and administration – Brazil and São Paulo State, 1999-2006**

Geographic areas and enrollments	Enrollments in evening undergraduate courses, by type of institution and administration															
	Public												Private			
	Federal				State				Municipal							
	Universities	CETs & FATECs (1)	University centers	Other (2)	Universities	CETs & FATECs (1)	University centers	Other (2)	Universities	CETs & FATECs (1)	University centers	Other (2)	Universities	CETs & FATECs (1)	University centers	Other (2)
	<b>2001</b>															
<b>Brazil</b>																
Total enrollments	471,989	20,228	1,012	9,731	322,013	10,611	-	24,391	22,911	-	4,738	51,601	1,139,629	633	332,525	618,742
Enrollments in evening courses	106,763	14,172	41	2,627	136,744	5,583	-	16,175	14,706	-	4,020	41,284	682,104	633	224,123	485,961
Enrollments in evening courses (%)	22.6	70.1	4.1	27.0	42.5	52.6	-	66.3	64.2	-	84.8	80.0	59.9	100.0	67.4	78.5
<b>São Paulo State</b>																
Total enrollments	6,788	391	-	570	70,254	10,611	-	2,370	11,307	-	4,738	23,885	426,735	193	145,231	195,570
Enrollments in evening courses	1,223	181	-	-	21,655	5,583	-	571	7,971	-	4,202	17,211	282,857	193	100,308	156,075
Enrollments in evening courses (%)	18.0	46.3	-	-	30.8	52.6	-	24.1	70.5	-	88.7	72.1	66.3	100.0	69.1	79.8
	<b>2002</b>															
<b>Brazil</b>																
Total enrollments	500,459	26,262	1,061	3,852	380,957	10,853	-	23,759	34,486	-	13,585	56,381	1,234,757	6,064	415,669	771,768
Enrollments in evening courses	115,857	15,273	61	187	144,439	5,912	-	16,044	23,548	-	10,273	45,145	739,382	5,818	273,598	608,218
Enrollments in evening courses (%)	23.2	58.2	5.7	4.9	37.9	54.5	-	67.5	68.3	-	75.6	80.1	59.9	95.9	65.8	78.8
<b>São Paulo State</b>																
Total enrollments	6,969	532	-	601	78,879	10,853	-	2,297	12,174	-	13,585	27,542	446,889	4,418	169,448	214,509
Evening course enrollment	1,276	274	-	-	25,432	5,912	-	526	8,925	-	10,273	20,435	298,030	4,224	117,868	173,682
Enrollments in evening courses (%)	18.3	51.5	-	-	32.2	54.5	-	22.9	73.3	-	75.6	74.2	66.7	95.6	69.6	81.0

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**Detailed Table 2.15 (continued)**  
**Enrollments in undergraduate courses (total and in evening courses), by type of institution and administration – Brazil and São Paulo State, 1999-2006**

Geographic areas and enrollments	Enrollments in evening undergraduate courses, by type of institution and administration															
	Public												Private			
	Federal				State				Municipal							
	Universities	CETs & FATECs (1)	University centers	Other (2)	Universities	CETs & FATECs (1)	University centers	Other (2)	Universities	CETs & FATECs (1)	University centers	Other (2)	Universities	CETs & FATECs (1)	University centers	Other (2)
<b>2003</b>																
<b>Brazil</b>																
Total enrollments	527,719	33,801	1,159	4,422	404,821	10,995	-	26,890	52,925	-	15,446	58,192	1,290,816	14,911	484,503	960,422
Enrollments in evening courses	124,536	19,557	78	220	146,459	5,960	-	17,115	35,518	-	11,564	46,250	781,887	13,581	315,176	752,565
Enrollments in evening courses (%)	23.6	57.9	6.7	5.0	36.2	54.2	-	63.6	67.1	-	74.9	79.5	60.6	91.1	65.1	78.4
<b>São Paulo State</b>																
Total enrollments	7,086	1,153	-	746	83,036	10,995	-	2,361	13,050	-	15,446	29,157	448,208	10,896	187,672	240,248
Enrollments in evening courses	1,290	641	-	-	28,773	5,960	-	497	9,663	-	11,564	21,422	303,365	10,071	132,302	196,499
Enrollments in evening courses (%)	18.2	55.6	-	0.0	34.7	54.2	-	21.1	74.0	-	74.9	73.5	67.7	92.4	70.5	81.8
<b>2004</b>																
<b>Brazil</b>																
Total enrollments	533,892	35,741	1,205	3,746	429,823	14,333	-	27,505	59,208	-	12,678	60,197	1,346,794	26,358	601,030	1,011,223
Enrollments in evening courses	124,078	19,881	80	157	159,535	7,567	-	17,787	40,418	-	8,513	47,278	820,211	21,143	404,650	783,050
Enrollments in evening courses (%)	23.2	55.6	6.6	4.2	37.1	52.8	-	64.7	68.3	-	67.1	78.5	60.9	80.2	67.3	77.4
<b>São Paulo State</b>																
Total enrollments	6,981	1,209	-	748	88,431	14,333	-	2,387	20,070	-	12,678	28,236	446,437	14,830	223,017	250,336
Enrollments in evening courses	1,251	635	-	-	30,570	7,567	-	494	15,478	-	8,513	20,950	302,500	13,089	159,859	204,536
Enrollments in evening courses (%)	17.9	52.5	-	-	34.6	52.8	-	20.7	77.1	-	67.1	74.2	67.8	88.3	71.7	81.7

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**Detailed Table 2.15 (continued)**  
**Enrollments in undergraduate courses (total and in evening courses), by type of institution and administration – Brazil and São Paulo State, 1999-2006**

Geographic areas and enrollments	Enrollments in evening undergraduate courses, by type of institution and administration															
	Federal				Public State				Municipal				Private			
	Universities		CETs & FATECs (1)		University centers		Other (2)		Universities		CETs & FATECs (1)		University centers		Other (2)	
	Universities	CETs & FATECs (1)	University centers	Other (2)	Universities	CETs & FATECs (1)	University centers	Other (2)	Universities	CETs & FATECs (1)	University centers	Other (2)	Universities	CETs & FATECs (1)	University centers	Other (2)
	<b>2005</b>															
<b>Brazil</b>																
Total enrollments	549,171	28,273	-	2,143	433,692	15,907	-	27,750	59,953	-	15,757	59,543	1,426,962	39,039	659,170	1,135,796
Enrollments in evening courses	132,805	14,091	-	179	170,074	8,235	-	18,333	40,997	-	11,095	45,256	881,489	31,802	445,983	877,416
Enrollments in evening courses (%)	24.2	49.8	-	8.4	39.2	51.8	-	66.1	68.4	-	70.4	76.0	61.8	81.5	67.7	77.3
<b>São Paulo State</b>																
Total enrollments	7,039	1,276	-	648	93,594	15,907	-	2,682	18,956	-	15,757	26,243	467,227	17,824	249,157	268,718
Enrollments in evening courses	1,281	771	-	-	32,530	8,235	-	640	14,834	-	11,095	19,040	320,479	15,642	180,692	221,903
Enrollments in evening courses (%)	18.2	60.4	-	-	34.8	51.8	-	23.9	78.3	-	70.4	72.6	68.6	87.8	72.5	82.6
	<b>2006</b>															
<b>Brazil</b>																
Total enrollments	556,231	31,382	-	2,208	436,662	16,562	-	28,532	60,370	-	16,510	60,847	1,457,133	50,193	711,399	1,248,617
Enrollments in evening courses	133,897	15,306	-	199	171,173	8,425	-	19,017	40,911	-	12,821	45,797	922,025	42,495	480,563	955,041
Enrollments in evening courses (%)	24.1	48.8	-	9.0	39.2	50.9	-	66.7	67.8	-	77.7	75.3	63.3	84.7	67.6	76.5
<b>São Paulo State</b>																
Total enrollments	7,486	1,700	-	625	94,288	16,320	-	1,668	18,880	-	16,281	25,567	498,086	20,341	280,947	286,787
Enrollments in evening courses	1,310	1,164	-	-	33,582	8,300	-	220	14,785	-	12,592	18,442	349,117	18,221	200,732	238,213
Enrollments in evening courses (%)	17.5	68.5	-	-	35.6	50.9	-	13.2	78.3	-	77.3	72.1	70.1	89.6	71.4	83.1

Source: INEP, Higher Education Census (microdata).

(1) Technology Education Centers (CETs) and Technology Colleges (FATs).

(2) Integrated and single-course colleges, schools, and institutes.

**Detailed Table 2.16a**  
**Distribution of in-service teachers in higher education, by highest degree and type of administration – Brazil and São Paulo State, 1998-2006**

Types of administration	in-service teachers in higher education, by highest degree																	
	1998			1999			2000 (1)			2006								
	Total	No post-graduate degree	Specialization	Master's	PhD	Total	No post-graduate degree	Specialization	Master's	PhD	Total	No post-graduate degree	Specialization	Master's	PhD			
Abs. nos.	%	Abs. nos.	%	Abs. nos.	%	Abs. nos.	%	Abs. nos.	%	Abs. nos.	%	Abs. nos.	%	Abs. nos.	%			
<b>Total</b>	165,122	100.0	30,890	57,677	45,482	31,073	118,498	100.0	22,938	43,489	34,136	17,935	46,624	100.0	7,952	14,188	11,346	13,138
Federal	45,611	27.6	7,767	8,303	16,371	13,170	44,185	37.3	7,718	8,269	16,027	12,171	1,426	3.1	49	34	344	999
State	30,621	18.5	5,512	8,158	7,003	9,948	19,153	16.2	4,533	7,739	4,901	1,980	11,468	24.6	979	419	2,102	7,968
Municipal	7,506	4.5	1,049	4,332	1,699	426	5,210	4.4	722	3,152	1,145	191	2,296	4.9	327	1,180	554	235
Private	81,384	49.3	16,562	36,884	20,409	7,529	49,950	42.2	9,965	24,329	12,063	3,593	31,434	67.4	6,597	12,555	8,346	3,936
<b>Total</b>	173,836	100.0	27,886	60,164	50,849	34,937	124,366	100.0	20,590	44,956	38,084	20,736	49,470	100.0	7,296	15,208	12,765	14,201
Federal	46,687	26.9	7,675	7,865	16,496	14,651	45,355	36.5	7,655	7,826	16,217	13,657	1,332	2.7	20	39	279	994
State	29,141	16.8	4,376	7,941	6,503	10,321	18,522	14.9	3,853	7,607	4,863	2,199	10,619	21.5	523	334	1,640	8,122
Municipal	5,055	2.9	645	2,790	1,232	388	3,022	2.4	303	1,787	767	165	2,033	4.1	342	1,003	465	223
Private	92,953	53.5	15,190	41,568	26,618	9,577	57,467	46.2	8,779	27,736	16,237	4,715	35,486	71.7	6,411	13,832	10,381	4,862
<b>Total</b>	183,194	100.0	89,053	-	54,619	39,522	129,917	100.0	66,331	-	39,515	24,071	53,277	100.0	22,722	-	15,104	15,451
Federal	43,739	23.9	14,230	-	13,207	16,302	42,455	32.7	14,118	-	13,065	15,272	1,284	2.4	112	-	142	1,030
State	30,836	16.8	12,797	-	7,102	10,937	19,865	15.3	11,583	-	5,408	2,874	10,971	20.6	1,214	-	1,694	8,063
Municipal	4,137	2.3	2,760	-	988	389	1,969	1.5	1,398	-	456	115	2,168	4.1	1,362	-	532	274
Private	104,482	57.0	59,266	-	33,322	11,894	65,628	50.5	39,232	-	20,586	5,810	38,854	72.9	20,034	-	12,736	6,084

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**Detailed Table 2.16a (continued)**  
**Distribution of in-service teachers in higher education, by highest degree and type of administration – Brazil and São Paulo State, 1998-2006**

Types of administration	in-service teachers in higher education, by highest degree																	
	Brazil					Brazil except São Paulo State					São Paulo State							
	Total		No post-graduate degree		Specialization	Master's		PhD	Total		No post-graduate degree		Specialization	Master's		PhD		
	Abs. nos.	%	Abs. nos.	%		Abs. nos.	%		Abs. nos.	%	Abs. nos.	%		Abs. nos.	%		Abs. nos.	%
	<b>2001</b>																	
<b>Total</b>	204,106	100.0	30,310	64,509	65,265	44,022	146,034	100.0	21,746	49,636	47,608	27,044	58,072	100.0	8,564	14,873	17,657	16,978
Federal	45,058	22.1	7,636	7,299	12,921	17,202	43,664	29.9	7,560	7,258	12,715	16,131	1,394	2.4	76	41	206	1,071
State	31,816	15.6	4,118	8,498	7,675	11,525	21,418	14.7	3,331	8,296	6,439	3,352	10,398	17.9	787	202	1,236	8,173
Municipal	4,426	2.2	538	2,203	1,252	433	2,078	1.4	206	1,238	503	131	2,348	4.0	332	965	749	302
Private	122,806	60.2	18,018	46,509	43,417	14,862	78,874	54.0	10,649	32,844	27,951	7,430	43,932	75.7	7,369	13,665	15,466	7,432
	<b>2002</b>																	
<b>Total</b>	227,844	100.0	32,230	68,923	77,404	49,287	163,981	100.0	22,680	53,509	56,658	31,134	63,863	100.0	9,550	15,414	20,746	18,153
Federal	45,907	20.1	7,275	6,668	13,031	18,933	44,463	27.1	7,231	6,584	12,825	17,823	1,444	2.3	44	84	206	1,110
State	32,481	14.3	3,372	8,204	8,296	12,609	21,774	13.3	2,731	7,936	7,193	3,914	10,707	16.8	641	268	1,103	8,695
Municipal	5,618	2.5	673	2,702	1,687	556	2,720	1.7	320	1,501	704	195	2,898	4.5	353	1,201	983	361
Private	143,838	63.1	20,910	51,349	54,390	17,189	95,024	57.9	12,398	37,488	35,936	9,202	48,814	76.4	8,512	13,861	18,454	7,987
	<b>2003</b>																	
<b>Total</b>	254,153	100.0	35,664	74,714	89,288	54,487	186,666	100.0	26,452	58,892	66,137	35,185	67,487	100.0	9,212	15,822	23,151	19,302
Federal	47,709	18.8	7,854	5,826	13,336	20,693	46,295	24.8	7,807	5,748	13,168	19,572	1,414	2.1	47	78	168	1,121
State	33,580	13.2	4,129	7,742	8,278	13,431	22,875	12.3	3,604	7,485	7,220	4,566	10,705	15.9	525	257	1,058	8,865
Municipal	7,506	3.0	827	3,158	2,615	906	4,348	2.3	439	2,138	1,350	421	3,158	4.7	388	1,020	1,265	485
Private	165,358	65.1	22,854	57,988	65,059	19,457	113,148	60.6	14,602	43,521	44,399	10,626	52,210	77.4	8,252	14,467	20,660	8,831

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**Detailed Table 2.16a (continued)**  
**Distribution of in-service teachers in higher education, by highest degree and type of administration - Brazil and São Paulo State, 1998-2006**

Types of administration	in-service teachers in higher education, by highest degree																	
	Brazil							São Paulo State										
	Total			No post-graduate degree			Specialization			Master's			PhD					
	Abs. nos.	%		Abs. nos.	%		Abs. nos.	%		Abs. nos.	%		Abs. nos.	%				
	Brazil except São Paulo State																	
	2004																	
<b>Total</b>	279,058	100.0	38,467	83,496	98,664	58,431	208,584	100.0	28,748	66,958	74,693	38,185	70,474	100.0	9,719	16,538	23,971	20,246
Federal	50,337	18.0	9,014	6,156	13,410	21,757	48,663	23.3	8,874	5,961	13,197	20,631	1,674	2.4	140	195	213	1,126
State	35,866	12.9	4,135	8,313	9,675	13,743	25,077	12.0	3,715	7,983	8,540	4,839	10,789	15.3	420	330	1,135	8,904
Municipal	7,597	2.7	814	3,130	2,631	1,022	4,366	2.1	450	2,144	1,311	461	3,231	4.6	364	986	1,320	561
Private	185,258	66.4	24,504	65,897	72,948	21,909	130,478	62.6	15,709	50,870	51,645	12,254	54,780	77.7	8,795	15,027	21,303	9,655
	2005																	
<b>Total</b>	292,504	100.0	37,203	86,893	105,114	63,294	220,547	100.0	28,404	70,253	79,586	42,304	71,957	100.0	8,799	16,640	25,528	20,990
Federal	52,943	18.1	9,283	6,295	13,935	23,430	51,188	23.2	9,194	6,115	13,663	22,216	1,755	2.4	89	180	272	1,214
State	37,677	12.9	3,852	8,821	10,238	14,766	26,354	11.9	3,389	8,497	8,925	5,543	11,323	15.7	463	324	1,313	9,223
Municipal	7,413	2.5	491	2,943	2,850	1,129	4,278	1.9	314	2,092	1,457	415	3,135	4.4	177	851	1,393	714
Private	194,471	66.5	23,577	68,834	78,091	23,969	138,727	62.9	15,507	53,549	55,541	14,130	55,744	77.5	8,070	15,285	22,550	9,839
	2006																	
<b>Total</b>	302,006	100.0	34,719	90,739	108,965	67,583	229,134	100.0	26,740	73,560	83,092	45,742	72,872	100.0	7,979	17,179	25,873	21,841
Federal	54,560	18.1	8,046	6,011	14,693	25,810	52,735	23.0	7,956	5,847	14,358	24,574	1,825	2.5	90	164	335	1,236
State	38,454	12.7	3,351	8,715	10,739	15,649	26,815	11.7	2,966	8,360	9,449	6,040	11,639	16.0	385	355	1,290	9,609
Municipal	7,712	2.6	575	2,913	3,047	1,177	4,627	2.0	402	2,193	1,574	458	3,085	4.2	173	720	1,473	719
Private	201,280	66.6	22,747	73,100	80,486	24,947	144,957	63.3	15,416	57,160	57,711	14,670	56,323	77.3	7,331	15,940	22,775	10,277

Source: INEP, Higher Education Census (microdata).

(1) Numbers of teachers without graduate degree and with specialization were added together.

**Detailed Table 2.16b**  
**Distribution (%) of in-service teachers in higher education, by highest degree and type of administration**  
**– Brazil and São Paulo State, 1998-2006**

Types of administration	in-service teachers (%) in higher education, by highest														
	Brazil					Brazil except São Paulo State					São Paulo State				
	Total	No post-graduate degree	Specialization	Master's	PhD	Total	No post-graduate degree	Specialization	Master's	PhD	Total	No post-graduate degree	Specialization	Master's	PhD
<b>1998</b>															
<b>Total</b>	100.0	18.7	34.9	27.5	18.8	100.0	19.4	36.7	28.8	15.1	100.0	17.1	30.4	24.3	28.2
Federal	100.0	17.0	18.2	35.9	28.9	100.0	17.5	18.7	36.3	27.5	100.0	3.4	2.4	24.1	70.1
State	100.0	18.0	26.6	22.9	32.5	100.0	23.7	40.4	25.6	10.3	100.0	8.5	3.7	18.3	69.5
Municipal	100.0	14.0	57.7	22.6	5.7	100.0	13.9	60.5	22.0	3.7	100.0	14.2	51.4	24.1	10.2
Private	100.0	20.4	45.3	25.1	9.3	100.0	19.9	48.7	24.2	7.2	100.0	21.0	39.9	26.6	12.5
<b>1999</b>															
<b>Total</b>	100.0	16.0	34.6	29.3	20.1	100.0	16.6	36.1	30.6	16.7	100.0	14.7	30.7	25.8	28.7
Federal	100.0	16.4	16.8	35.3	31.4	100.0	16.9	17.3	35.8	30.1	100.0	1.5	2.9	20.9	74.6
State	100.0	15.0	27.3	22.3	35.4	100.0	20.8	41.1	26.3	11.9	100.0	4.9	3.1	15.4	76.5
Municipal	100.0	12.8	55.2	24.4	7.7	100.0	10.0	59.1	25.4	5.5	100.0	16.8	49.3	22.9	11.0
Private	100.0	16.3	44.7	28.6	10.3	100.0	15.3	48.3	28.3	8.2	100.0	18.1	39.0	29.3	13.7
<b>2000 (1)</b>															
<b>Total</b>	100.0	48.6	-	29.8	21.6	100.0	51.1	-	30.4	18.5	100.0	42.6	0.0	28.3	29.0
Federal	100.0	32.5	-	30.2	37.3	100.0	33.3	-	30.8	36.0	100.0	8.7	0.0	11.1	80.2
State	100.0	41.5	-	23.0	35.5	100.0	58.3	-	27.2	14.5	100.0	11.1	0.0	15.4	73.5
Municipal	100.0	66.7	-	23.9	9.4	100.0	71.0	-	23.2	5.8	100.0	62.8	0.0	24.5	12.6
Private	100.0	56.7	-	31.9	11.4	100.0	59.8	-	31.4	8.9	100.0	51.6	0.0	32.8	15.7
<b>2001</b>															
<b>Total</b>	100.0	14.9	31.6	32.0	21.6	100.0	14.9	34.0	32.6	18.5	100.0	14.7	25.6	30.4	29.2
Federal	100.0	16.9	16.2	28.7	38.2	100.0	17.3	16.6	29.1	36.9	100.0	5.5	2.9	14.8	76.8
State	100.0	12.9	26.7	24.1	36.2	100.0	15.6	38.7	30.1	15.7	100.0	7.6	1.9	11.9	78.6
Municipal	100.0	12.2	49.8	28.3	9.8	100.0	9.9	59.6	24.2	6.3	100.0	14.1	41.1	31.9	12.9
Private	100.0	14.7	37.9	35.4	12.1	100.0	13.5	41.6	35.4	9.4	100.0	16.8	31.1	35.2	16.9
<b>2002</b>															
<b>Total</b>	100.0	14.1	30.3	34.0	21.6	100.0	13.8	32.6	34.6	19.0	100.0	15.0	24.1	32.5	28.4
Federal	100.0	15.8	14.5	28.4	41.2	100.0	16.3	14.8	28.8	40.1	100.0	3.0	5.8	14.3	76.9
State	100.0	10.4	25.3	25.5	38.8	100.0	12.5	36.4	33.0	18.0	100.0	6.0	2.5	10.3	81.2
Municipal	100.0	12.0	48.1	30.0	9.9	100.0	11.8	55.2	25.9	7.2	100.0	12.2	41.4	33.9	12.5
Private	100.0	14.5	35.7	37.8	12.0	100.0	13.0	39.5	37.8	9.7	100.0	17.4	28.4	37.8	16.4

( CONTINUED ON NEXT PAGE )

**Detailed Table 2.16b (continued)**  
**Distribution (%) of in-service teachers in higher education, by highest degree and type of administration**  
**– Brazil and São Paulo State, 1998-2006**

Types of administration	in-service teachers (%) in higher education, by highest														
	Brazil					Brazil except São Paulo State					São Paulo State				
	Total	No post-graduate degree	Specialization	Master's	PhD	Total	No post-graduate degree	Specialization	Master's	PhD	Total	No post-graduate degree	Specialization	Master's	PhD
<b>2003</b>															
<b>Total</b>	100.0	14.0	29.4	35.1	21.4	100.0	14.2	31.5	35.4	18.8	100.0	13.7	23.4	34.3	28.6
Federal	100.0	16.5	12.2	28.0	43.4	100.0	16.9	12.4	28.4	42.3	100.0	3.3	5.5	11.9	79.3
State	100.0	12.3	23.1	24.7	40.0	100.0	15.8	32.7	31.6	20.0	100.0	4.9	2.4	9.9	82.8
Municipal	100.0	11.0	42.1	34.8	12.1	100.0	10.1	49.2	31.0	9.7	100.0	12.3	32.3	40.1	15.4
Private	100.0	13.8	35.1	39.3	11.8	100.0	12.9	38.5	39.2	9.4	100.0	15.8	27.7	39.6	16.9
<b>2004</b>															
<b>Total</b>	100.0	13.8	29.9	35.4	20.9	100.0	13.8	32.1	35.8	18.3	100.0	13.8	23.5	34.0	28.7
Federal	100.0	17.9	12.2	26.6	43.2	100.0	18.2	12.2	27.1	42.4	100.0	8.4	11.6	12.7	67.3
State	100.0	11.5	23.2	27.0	38.3	100.0	14.8	31.8	34.1	19.3	100.0	3.9	3.1	10.5	82.5
Municipal	100.0	10.7	41.2	34.6	13.5	100.0	10.3	49.1	30.0	10.6	100.0	11.3	30.5	40.9	17.4
Private	100.0	13.2	35.6	39.4	11.8	100.0	12.0	39.0	39.6	9.4	100.0	16.1	27.4	38.9	17.6
<b>2005</b>															
<b>Total</b>	100.0	12.7	29.7	35.9	21.6	100.0	12.9	31.9	36.1	19.2	100.0	12.2	23.1	35.5	29.2
Federal	100.0	17.5	11.9	26.3	44.3	100.0	18.0	11.9	26.7	43.4	100.0	5.1	10.3	15.5	69.2
State	100.0	10.2	23.4	27.2	39.2	100.0	12.9	32.2	33.9	21.0	100.0	4.1	2.9	11.6	81.5
Municipal	100.0	6.6	39.7	38.4	15.2	100.0	7.3	48.9	34.1	9.7	100.0	5.6	27.1	44.4	22.8
Private	100.0	12.1	35.4	40.2	12.3	100.0	11.2	38.6	40.0	10.2	100.0	14.5	27.4	40.5	17.7
<b>2006</b>															
<b>Total</b>	100.0	11.5	30.0	36.1	22.4	100.0	11.7	32.1	36.3	20.0	100.0	10.9	23.6	35.5	30.0
Federal	100.0	14.7	11.0	26.9	47.3	100.0	15.1	11.1	27.2	46.6	100.0	4.9	9.0	18.4	67.7
State	100.0	8.7	22.7	27.9	40.7	100.0	11.1	31.2	35.2	22.5	100.0	3.3	3.1	11.1	82.6
Municipal	100.0	7.5	37.8	39.5	15.3	100.0	8.7	47.4	34.0	9.9	100.0	5.6	23.3	47.7	23.3
Private	100.0	11.3	36.3	40.0	12.4	100.0	10.6	39.4	39.8	10.1	100.0	13.0	28.3	40.4	18.2

Source: INEP, Higher Education Census (microdata).

Note: See Additional Table 2.16a.

(1) Numbers of teachers without graduate degree and with specialization were added together.

**Detailed Table 2.17**  
**Teachers (in service and retired) in higher education (HE), by type of institution and administration and labour regime – Brazil and São Paulo State, 1999-2006**

Geographic area and labour regime	Teachers (in service and retired) in HE, by type of institution and administration																											
	Grand total					Universities					University centers					Integrated colleges, single-course colleges, schools and institutes					Technological Education Centers (CETs) and Technology Colleges (FATECs)							
	Abs. nos.	%	Total	Federal	State	Municipal	Private	Total	Federal	State	Municipal	Private	Total	Federal	State	Municipal	Private	Total	Federal	State	Municipal	Private	Total	Federal	State	Municipal	Private	
			<b>1999 (1)</b>																									
<b>Brazil</b>	173,836	100.0	124,780	44,435	26,197	2,490	51,658	8,563	-	-	-	8,563	39,257	1,405	2,555	2,565	32,732	1,236	847	389	-	-	-	-	-	-	-	-
Full time	73,675	42.4	66,855	36,765	19,294	549	10,247	1,004	-	-	-	1,004	5,099	1,151	961	209	2,778	717	678	39	-	-	-	-	-	-	-	-
Part time	39,933	23.0	27,344	7,028	6,013	1,215	13,088	2,421	-	-	-	2,421	10,077	175	1,031	673	8,198	91	89	2	-	-	-	-	-	-	-	-
Hourly paid	60,228	34.6	30,581	642	890	726	28,323	5,138	-	-	-	5,138	24,081	79	563	1,683	21,756	428	80	348	-	-	-	-	-	-	-	-
<b>São Paulo State</b>	49,470	100.0	31,483	1,203	9,646	845	19,789	4,090	-	-	-	4,090	13,508	129	584	1,188	11,607	389	-	389	-	-	-	-	-	-	-	-
Full time	15,131	30.6	13,068	1,173	8,329	130	3,436	488	-	-	-	488	1,536	126	264	111	1,035	39	-	39	-	-	-	-	-	-	-	-
Part time	12,560	25.4	7,784	30	1,219	715	5,820	1,282	-	-	-	1,282	3,492	3	320	407	2,762	2	-	2	-	-	-	-	-	-	-	-
Hourly paid	21,779	44.0	10,631	-	98	-	10,533	2,320	-	-	-	2,320	8,480	0	0	670	7,810	348	-	348	-	-	-	-	-	-	-	-
			<b>2000</b>																									
<b>Brazil</b>	197,712	100.0	139,331	47,922	31,053	1,618	58,938	13,505	-	-	128	13,377	43,259	1,371	2,132	2,513	37,243	1,417	872	545	-	-	-	-	-	-	-	-
Full time	84,845	42.9	75,385	40,706	22,267	363	12,249	1,893	-	-	23	1,870	6,582	1,219	1,003	358	4,002	785	674	111	-	-	-	-	-	-	-	-
Part time (2)	112,867	57.1	63,946	7,216	8,786	1,255	46,689	11,612	-	-	105	11,507	36,677	152	1,129	2,155	33,241	632	198	434	-	-	-	-	-	-	-	-
<b>São Paulo State</b>	55,069	100.0	34,462	1,290	10,139	913	22,120	5,852	-	-	128	5,724	14,210	110	560	1,175	12,365	545	0	545	-	-	-	-	-	-	-	-
Full time	16,633	30.2	14,000	1,153	8,344	162	4,341	730	-	-	23	707	1,792	110	292	128	1,262	111	-	111	-	-	-	-	-	-	-	-
Part time (2)	38,436	69.8	20,462	137	1,795	751	17,779	5,122	-	-	105	5,017	12,418	0	268	1,047	11,103	434	-	434	-	-	-	-	-	-	-	-

( CONTINUED ON NEXT PAGE )

**Detailed Table 2.17 (continued)**  
**Teachers (in service and retired) in higher education (HE), by type of institution and administration and labour regime – Brazil and São Paulo State, 1999-2006**

Geographic area and labour regime	Teachers (in service and retired) in HE, by type of institution and administration																																
	Grand total						Universities						University centers						Integrated colleges, single-course colleges, schools and institutes						Technological Education Centers (CETs) and Technology Colleges (FATECs)								
	Abs. nos.	%	Total			Private	Total			Federal	Total			Federal	Total			Federal	Total			Federal	Total			Federal	Total			Federal	Total		
			State	Municipal	Private		State	Municipal	Private		State	Municipal	Private		State	Municipal	Private		State	Municipal	Private		State	Municipal	Private		State	Municipal	Private		State	Municipal	Private
<b>2001</b>																																	
<b>Brazil</b>	219,947	100.0	148,219	48,926	31,830	1,705	65,738	18,918	126	-	158	18,634	50,816	1,390	2,213	2,704	44,509	1,994	1,323	575	-	96	-	-	-	-	-	-	-	-	-		
Full time	90,631	41.2	79,100	41,215	22,967	423	14,495	2,657	119	-	39	2,499	7,578	1,125	1,027	582	4,844	1,296	1,035	261	-	-	-	-	-	-	-	-	-	-			
Part time (2)	129,316	58.8	69,119	7,711	8,863	1,282	51,263	16,261	7	-	119	16,135	43,238	265	1,186	2,122	39,665	698	288	314	-	96	-	-	-	-	-	-	-				
<b>São Paulo State</b>	61,024	100.0	35,987	1,273	9,935	907	23,872	8,349	-	-	158	8,191	15,995	118	597	1,347	13,933	693	56	575	-	62	-	-	-	-	-	-	-	-			
Full time	17,428	28.6	14,289	1,145	8,290	193	4,661	953	-	-	39	914	1,905	113	336	218	1,238	281	20	261	-	-	-	-	-	-	-	-	-	-			
Part time (2)	43,596	71.4	21,698	128	1,645	714	19,211	7,396	-	-	119	7,277	14,090	5	261	1,129	12,695	412	36	314	-	62	-	-	-	-	-	-	-	-			
<b>2002</b>																																	
<b>Brazil</b>	242,475	100.0	153,003	48,056	32,447	2,424	70,076	23,925	134	-	477	23,314	62,227	810	2,383	2,940	56,094	3,320	2,020	524	-	776	-	-	-	-	-	-	-	-			
Full time	94,464	39.0	80,353	40,555	24,599	654	14,545	4,230	101	-	90	4,039	8,042	626	1,292	311	5,813	1,839	1,607	169	-	63	-	-	-	-	-	-	-	-			
Part time	59,009	24.3	34,999	6,920	6,843	1,059	20,177	6,810	10	-	0	6,800	16,832	167	900	836	14,929	368	338	17	-	13	-	-	-	-	-	-	-	-			
Hourly paid	89,002	36.7	37,651	581	1,005	711	35,354	12,885	23	-	387	12,475	37,353	17	191	1,793	35,352	1,113	75	338	-	700	-	-	-	-	-	-	-	-			
<b>São Paulo State</b>	66,138	100.0	36,497	1,281	10,013	894	24,309	10,326	-	-	477	9,849	18,065	117	587	1,618	15,743	1,250	94	524	-	632	-	-	-	-	-	-	-	-			
Full time	18,620	28.2	14,484	1,178	8,360	270	4,676	1,861	-	-	90	1,771	2,008	113	337	131	1,427	267	89	169	-	9	-	-	-	-	-	-	-	-			
Part time	16,984	25.7	10,233	103	1,653	624	7,853	2,200	-	-	0	2,200	4,519	4	249	398	3,868	32	5	17	-	10	-	-	-	-	-	-	-	-			
Hourly paid	30,534	46.2	11,780	-	-	-	11,780	6,265	-	-	387	5,878	11,538	0	1	1,089	10,448	951	-	338	-	613	-	-	-	-	-	-	-	-			

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**Detailed Table 2.17 (continued)  
Teachers (in service and retired) in higher education (HE), by type of institution and administration and labour regime – Brazil and São Paulo State, 1999-2006**

Geographic area and labour regime	Teachers (in service and retired) in HE, by type of institution and administration																					
	Universities				University centers				Integrated colleges, single-course colleges, schools and institutes				Technological Education Centers (CEIs) and Technology Colleges (FATECs)									
	Grand total	Abs. nos.	%	Total	Federal	State	Municipal	Private	Total	Federal	State	Municipal	Private	Total	Federal	State	Municipal	Private				
				<b>2003</b>																		
<b>Brazil</b>	268,816	100.0	158,702	48,570	33,126	3,963	73,043	27,307	135	-	553	26,619	78,092	841	2,447	3,143	71,661	4,715	2,560	525	-	1,630
Full time	96,326	35.8	80,382	40,317	25,044	809	14,212	3,738	128	-	96	3,514	9,774	677	1,404	249	7,444	2,432	2,148	129	-	155
Part time	62,470	23.2	33,242	6,916	7,075	1,050	18,201	8,436	7	-	226	8,203	20,161	137	893	867	18,264	631	328	52	-	251
Hourly paid	110,020	40.9	45,078	1,337	1,007	2,104	40,630	15,133	0	-	231	14,902	48,157	27	150	2,027	45,953	1,652	84	344	-	1,224
<b>São Paulo State</b>	70,102	100.0	36,980	1,246	10,106	928	24,700	11,315	-	-	553	10,762	20,088	114	585	1,733	17,656	1,719	94	525	-	1,100
Full time	17,707	25.3	14,296	1,122	8,379	203	4,592	1,260	-	-	96	1,164	1,858	109	328	103	1,318	293	89	129	-	75
Part time	18,028	25.7	9,468	124	1,727	725	6,892	3,690	-	-	226	3,464	4,595	5	255	373	3,962	275	5	52	-	218
Hourly paid	34,367	49.0	13,216	-	-	-	13,216	6,365	-	-	231	6,134	13,635	0	2	1,257	12,376	1,151	-	344	-	807
				<b>2004</b>																		
<b>Brazil</b>	293,242	100.0	165,171	49,104	34,804	4,007	77,256	33,305	133	-	407	32,765	85,997	716	2,553	3,389	79,339	8,769	4,486	825	-	3,458
Full time	102,261	34.9	83,944	40,577	26,558	1,305	15,524	4,968	127	-	70	4,771	9,335	577	1,491	231	7,036	4,014	3,556	157	-	301
Part time	63,315	21.6	33,976	7,748	6,211	1,378	18,639	9,900	6	-	41	9,853	18,397	117	946	698	16,636	1,042	747	88	-	207
Hourly paid	127,666	43.5	47,251	779	2,055	1,324	43,093	18,437	0	-	296	18,141	58,265	22	116	2,460	55,667	3,713	183	580	-	2,950
<b>São Paulo State</b>	73,767	100.0	37,566	1,246	9,946	1,079	25,295	11,997	-	-	407	11,590	21,471	114	585	1,800	18,972	2,733	355	825	-	1,553
Full time	18,921	25.6	15,130	1,080	8,242	281	5,527	1,395	-	-	70	1,325	1,878	108	337	106	1,327	518	345	157	-	16
Part time	16,969	23.0	8,924	53	1,704	540	6,627	3,510	-	-	41	3,469	4,371	6	248	291	3,826	164	10	88	-	66
Hourly paid	37,877	51.3	13,512	113	-	258	13,141	7,092	-	-	296	6,796	15,222	0	0	1,403	13,819	2,051	-	580	-	1,471

( CONTINUED ON NEXT PAGE )

**Detailed Table 2.17 (continued)**  
**Teachers (in service and retired) in HE, by type of institution and administration and labour regime – Brazil and São Paulo State, 1999-2006**

Geographic area and labour regime	Teachers (in service and retired) in HE, by type of institution and administration																					
	Universities				University centers				Integrated colleges, single-course colleges, schools and institutes				Technological Education Centers (CETs) and Technology Colleges (FATECs)									
	Total	Federal	State	Municipal	Total	Federal	State	Municipal	Total	Federal	State	Municipal	Total	Federal	State	Municipal	Private					
<b>Grand total</b>	<b>Abs. nos.</b>	<b>%</b>																				
			2005																			
Brazil	305,960	100.0	167,969	51,838	36,588	3,800	75,743	34,033	-	-	526	33,507	94,623	519	2,344	3,448	88,312	9,335	4,208	848	-	4,279
Full time	110,480	36.1	90,343	43,326	26,920	1,063	19,034	6,011	-	-	85	5,926	9,777	433	1,515	315	7,514	4,349	3,890	131	-	328
Part time	67,654	22.1	37,325	8,376	7,599	791	20,559	9,753	-	-	94	9,659	19,932	85	707	644	18,496	644	236	103	-	305
Hourly paid	127,826	41.8	40,301	136	2,069	1,946	36,150	18,269	-	-	347	17,922	64,914	1	122	2,489	62,302	4,342	82	614	-	3,646
<b>São Paulo State</b>	<b>74,125</b>	<b>100.0</b>	<b>36,555</b>	<b>1,314</b>	<b>10,376</b>	<b>972</b>	<b>23,893</b>	<b>12,581</b>	-	-	<b>526</b>	<b>12,055</b>	<b>22,123</b>	<b>137</b>	<b>646</b>	<b>1,730</b>	<b>19,610</b>	<b>2,866</b>	<b>326</b>	<b>848</b>	-	<b>1,692</b>
Full time	21,086	28.4	16,183	1,152	8,494	354	6,183	2,327	-	-	85	2,242	2,102	134	350	188	1,430	474	326	131	-	17
Part time	16,357	22.1	7,782	26	1,882	374	5,500	3,400	-	-	94	3,306	5,038	3	262	372	4,401	137	-	103	-	34
Hourly paid	36,682	49.5	12,590	136	-	244	12,210	6,854	-	-	347	6,507	14,983	0	34	1,170	13,779	2,255	-	614	-	1,641
			2006																			
Brazil	316,882	100.0	168,481	52,881	37,482	3,841	74,277	36,024	-	-	558	35,466	101,659	523	2,657	3,515	94,964	10,718	4,674	868	-	5,176
Full time	113,848	35.9	91,992	44,077	28,348	1,073	18,494	6,951	-	-	108	6,843	10,284	424	1,527	320	8,013	4,621	4,079	138	-	404
Part time	64,913	20.5	37,020	7,034	7,042	736	22,208	7,996	-	-	22	7,974	19,310	99	1,025	633	17,553	587	349	24	-	214
Hourly paid	138,121	43.6	39,469	1,770	2,092	2,032	33,575	21,077	-	-	428	20,649	72,065	0	105	2,562	69,398	5,510	246	706	-	4,558
<b>São Paulo State</b>	<b>75,267</b>	<b>100.0</b>	<b>35,655</b>	<b>1,373</b>	<b>10,694</b>	<b>1,058</b>	<b>22,530</b>	<b>13,142</b>	-	-	<b>546</b>	<b>12,596</b>	<b>23,323</b>	<b>136</b>	<b>574</b>	<b>1,575</b>	<b>21,038</b>	<b>3,147</b>	<b>349</b>	<b>846</b>	-	<b>1,952</b>
Full time	22,034	29.3	16,652	1,191	8,792	307	6,362	2,868	-	-	104	2,764	2,196	132	288	106	1,670	318	172	119	-	27
Part time	15,146	20.1	8,435	47	1,902	289	6,197	2,611	-	-	17	2,594	4,031	4	252	301	3,474	69	7	21	-	41
Hourly paid	38,087	50.6	10,568	135	-	462	9,971	7,663	-	-	425	7,238	17,096	0	34	1,168	15,894	2,760	170	706	-	1,884
			Growth rate 2000-2006 (%)																			
Brazil	60.3	20.7	10.3	20.7	137.4	137.4	26.0	166.7	-	-	335.9	165.1	135.0	-61.9	24.6	39.9	155.0	656.4	436.0	59.3	-	-
São Paulo State	36.7	3.5	6.4	5.5	15.9	15.9	1.9	124.6	-	-	326.6	120.1	64.1	23.6	2.5	34.0	70.1	477.4	-	55.2	-	-

Source: INEP, Higher Education Census (microdata).

(1) Only in-service teachers.

(2) Hourly-paid teachers are included.



**Detailed Table 2.18**  
**Programs and enrollments in graduate studies – Brazil (excl. São Paulo State)**  
**and São Paulo State, 1996-2006**

Years	Graduate programs and enrollments					
	PhD			Master's		
	Brazil	São Paulo State	% SP/Brazil	Brazil	São Paulo State	% SP/Brazil
<b>Programs</b>						
1996	610	333	54.6	1,159	420	36.2
1997	621	332	53.5	1,203	431	35.8
1998	684	354	51.8	1,273	437	34.3
1999	744	369	49.6	1,376	472	34.3
2000	811	380	46.9	1,440	490	34.0
2001	842	384	45.6	1,455	489	33.6
2002	912	398	43.6	1,574	508	32.3
2003	980	413	42.1	1,708	537	31.4
2004	1,029	419	40.7	1,775	547	30.8
2005	1,078	437	40.5	1,871	568	30.4
2006	1,154	446	38.6	2,022	592	29.3
<b>Enrollments</b>						
1996	21,674	13,453	62.1	44,883	19,267	42.9
1997	23,448	14,011	59.8	46,379	19,716	42.5
1998	26,749	15,721	58.8	50,479	21,074	41.7
1999	29,786	16,932	56.8	55,915	23,158	41.4
2000	32,922	18,055	54.8	61,402	23,651	38.5
2001	34,474	18,978	55.1	61,368	24,439	39.8
2002	37,496	19,692	52.5	63,621	23,754	37.3
2003	39,906	20,140	50.5	66,416	23,864	35.9
2004	41,188	19,985	48.5	68,920	23,849	34.6
2005	43,742	20,292	46.4	73,082	24,958	34.2
2006	45,794	20,297	44.3	77,700	25,767	33.2

Source: CAPES (Coordination of Information Management).

**Detailed Table 2.19**  
**Enrollments, scholarships (1), and graduate programs in Higher Education Institutions (HEI), by type of course, administration, and institution –**  
**São Paulo State, 2006**

	Enrollments, scholarships (1), and graduate programs, by type of course, administration											
	Total			PhD			Master's			Professional		
	Enrollment	Scholarships	Programs	Enrollment	Scholarships	Programs	Enrollment	Scholarships	Programs	Enrollment	Scholarships	Programs
<b>Grand total</b>	<b>48,219</b>	<b>6,745</b>	<b>1,075</b>	<b>20,297</b>	<b>2,495</b>	<b>446</b>	<b>25,767</b>	<b>4,222</b>	<b>592</b>	<b>2,155</b>	<b>28</b>	<b>37</b>
<b>State</b>												
USP (2)	18,376	2,546	412	9,235	1,115	203	9,070	1,431	207	71	0	2
São Paulo	13,470	1,488	270	6,780	641	136	6,619	847	132	71	0	2
Ribeirão Preto	2,216	432	66	1,100	191	31	1,116	241	35	0	0	0
Esalq	897	214	30	454	101	14	443	113	16	0	0	0
São Carlos	1,492	357	29	727	144	14	765	213	15	0	0	0
FOB	198	21	15	102	13	7	96	8	8	0	0	0
Faenquill / EEL (3)	128	23	5	59	10	2	69	13	3	0	0	0
Cena	103	34	2	72	25	1	31	9	1	0	0	0
Unesp	6,131	1,187	184	2,808	427	79	3,287	759	103	36	1	2
Botucatu	1,193	254	39	575	116	18	582	137	19	36	1	2
Araraquara	967	200	29	538	84	14	429	116	15	0	0	0
Jaboticabal	819	219	22	491	84	11	328	135	11	0	0	0
Rio Claro	598	152	20	297	68	9	301	84	11	0	0	0
S J Rio Preto	355	51	16	126	9	6	229	42	10	0	0	0
Marília	315	41	8	93	6	3	222	35	5	0	0	0
Araçatuba	137	34	7	78	11	3	59	23	4	0	0	0
Bauru	361	30	9	81	2	2	280	28	7	0	0	0
Ilha Solteira	298	71	7	95	8	2	203	63	5	0	0	0
Assis	209	28	5	75	10	2	134	18	3	0	0	0

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**Detailed Table 2.19 (continued)**  
**Enrollments, scholarships (1), and graduate programs in Higher Education Institutions (HEI), by type of course, administration, and institution – São Paulo State, 2006**

	Enrollments, scholarships (1), and graduate programs, by type of course, administration											
	Total			PhD			Master's			Professional		
	Enrollment	Scholarships	Programs	Enrollment	Scholarships	Programs	Enrollment	Scholarships	Programs	Enrollment	Scholarships	Programs
	<b>State</b>											
Franca	185	27	5	54	7	2	131	20	3	0	0	0
Presid Prudente	212	30	5	83	8	2	129	22	3	0	0	0
Guaratinguetá	205	11	4	115	1	2	90	10	2	0	0	0
S J Campos	98	16	4	53	9	2	45	7	2	0	0	0
IFT	76	11	2	54	4	1	22	7	1	0	0	0
São Paulo	103	12	2	0	0	0	103	12	2	0	0	0
Unicamp	7,101	1,009	119	3,990	476	58	3,097	533	60	14	0	1
Campinas	6,783	949	105	3,791	451	52	2,992	498	53	0	0	0
Piracicaba	318	60	14	199	25	6	105	35	7	14	0	1
Famerp	140	5	2	66	0	1	74	5	1	0	0	0
Ibot	87	13	2	37	0	1	50	13	1	0	0	0
SES	96	2	2	18	0	1	78	2	1	0	0	0
Hospel	25	2	1	0	0	0	25	2	1	0	0	0
IAC	67	15	1	0	0	0	67	15	1	0	0	0
Iamspe	57	0	1	0	0	0	57	0	1	0	0	0
IP	44	0	1	0	0	0	44	0	1	0	0	0
Ceeteeps	29	0	1	0	0	0	0	0	0	29	0	1
Ipen	18	0	1	0	0	0	0	0	0	18	0	1
IPT	433	0	4	0	0	0	0	0	0	433	0	4

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**Detailed Table 2.19 (continued)**  
**Enrollments, scholarships (1), and graduate programs in Higher Education Institutions (HEI), by type of course, administration, and institution**  
**- São Paulo State, 2006**

Higher Education Institutions	Enrollments, scholarships (1), and graduate programs, by type of course, administration											
	Total			PhD			Master's			Professional		
	Enrollment	Scholarships	Programs	Enrollment	Scholarships	Programs	Enrollment	Scholarships	Programs	Enrollment	Scholarships	Programs
	<b>Federal</b>											
Unifesp	1,928	232	82	930	102	38	908	130	39	90	0	5
UFSCar	1,586	294	36	761	109	15	825	185	21	0	0	0
Inpe	380	53	12	207	14	6	173	39	6	0	0	0
ITA	965	55	8	215	11	3	471	44	4	279	0	1
	<b>Municipal</b>											
Unitau	314	20	5	0	0	0	121	20	2	193	0	3
Imes	54	1	1	0	0	0	54	1	1	0	0	0
	<b>Private</b>											
PUC/SP	4,281	631	42	1,335	172	16	2,792	447	25	154	12	1
FCMSCSP	285	59	12	79	17	5	184	33	6	22	9	1
UPM	591	91	11	50	1	3	541	90	8	0	0	0
FGV/SP	409	69	8	120	23	3	105	46	3	184	0	2
Umesp	422	55	8	98	3	2	324	52	6	0	0	0
Unimep	375	47	9	81	2	2	262	45	6	32	0	1
UMC	99	24	4	22	0	2	77	24	2	0	0	0
Univap	207	35	7	30	0	1	131	35	5	46	0	1
PUC/CAMP	208	51	6	47	7	1	134	44	4	27	0	1
Unaerp	115	11	5	15	0	1	80	10	3	20	1	1
USF	120	16	4	28	0	1	92	16	3	0	0	0

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**Detailed Table 2.19 (continued)**  
**Enrollments, scholarships (1), and graduate programs in Higher Education Institutions (HEI), by type of course, administration, and institution**  
**– São Paulo State, 2006**

Higher Education Institutions	Enrollments, scholarships (1), and graduate programs, by type of course, administration											
	Total			PhD			Master's			Professional		
	Enrollment	Scholarships	Programs	Enrollment	Scholarships	Programs	Enrollment	Scholarships	Programs	Enrollment	Scholarships	Programs
<b>Private (cont'd)</b>												
FAP	112	16	2	55	6	1	57	10	1	0	0	0
Fundação Antonio Prudente - Hospital A C Camargo												
SLMANDIC	156	0	3	11	0	1	2	0	1	143	0	1
Centro de Pesquisas Odontológicas São Leopoldo Mandic												
Unip	170	28	5	0	0	0	170	28	5	0	0	0
Universidade Paulista												
Unisantos	209	16	5	0	0	0	209	16	5	0	0	0
Universidade Católica de Santos												
UAM	82	9	3	0	0	0	82	9	3	0	0	0
Universidade Anhembi Morumbi												
UnG	63	3	3	0	0	0	63	3	3	0	0	0
Universidade Guarulhos												
Unicsul	156	0	4	0	0	0	68	0	3	88	0	1
Universidade Cruzeiro do South												
Unifra	107	17	3	0	0	0	107	17	3	0	0	0
Centro Universitário Franciscano de Santa Maria												
Unimar	115	12	3	0	0	0	115	12	3	0	0	0
Universidade de Marília												
Unisal	67	0	3	0	0	0	67	0	3	0	0	0
Centro Universitário Salesiano de São Paulo												
Unoeste	102	11	3	0	0	0	102	11	3	0	0	0
Universidade do Oeste Paulista												
USJT	67	16	3	0	0	0	67	16	3	0	0	0
Universidade São Judas Tadeu												
FEESR	85	5	2	0	0	0	85	5	2	0	0	0
Fundação de Ensino Eurípidés Soares da Rocha												
Unicid	86	0	3	0	0	0	63	0	2	23	0	1
Universidade Cidade de São Paulo												
Unifiteo	57	0	2	0	0	0	57	0	2	0	0	0
Centro Universitário FEO												
Unimarco	217	14	2	0	0	0	217	14	2	0	0	0
Universidade São Marcos												
Uninove	104	2	2	0	0	0	104	2	2	0	0	0
Universidade Nove de Julho												
Uniso	82	15	2	0	0	0	82	15	2	0	0	0
Universidade de Sorocaba												
CEUN-IMT	45	0	1	0	0	0	45	0	1	0	0	0
Centro Universitário do Instituto Mauá de Tecnologia												
CUMIL	50	12	1	0	0	0	50	12	1	0	0	0
Centro Universitário Moura Lacerda												
CUSC	55	2	1	0	0	0	55	2	1	0	0	0
Centro Universitário São Camilo												

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**Detailed Table 2.19 (continued)**  
**Enrollments, scholarships (1), and graduate programs in Higher Education Institutions (HEI), by type of course, administration, and institution**  
**- São Paulo State, 2006**

		Enrollments, scholarships (1), and graduate programs, by type of course, administration											
		Total			PhD			Master's			Professional		
		Enrollment	Scholarships	Programs	Enrollment	Scholarships	Programs	Enrollment	Scholarships	Programs	Enrollment	Scholarships	Programs
<b>Private (cont'd)</b>													
ESPM	Escola Superior de Propaganda e Marketing	13	0	1	0	0	0	13	0	1	0	0	0
Fadisp	Faculdade Autônoma de Direito de São Paulo	38	0	1	0	0	0	38	0	1	0	0	0
FASM	Faculdade Santa Marcelina	23	3	1	0	0	0	23	3	1	0	0	0
FCL	Fundação Cásper Líbero	24	0	1	0	0	0	24	0	1	0	0	0
FEI	Centro Universitário da Faculdade de Engenharia Industrial	33	0	1	0	0	0	33	0	1	0	0	0
FMABC	Faculdade de Medicina do ABC	42	0	1	0	0	0	42	0	1	0	0	0
ITE	Instituição Toledo de Ensino	74	2	1	0	0	0	74	2	1	0	0	0
Senac	Serviço Nacional de Aprendizagem Comercial	97	3	2	0	0	0	34	0	1	63	3	1
UBC	Universidade Braz Cubas	42	1	1	0	0	0	42	1	1	0	0	0
Uniará	Centro Universitário de Araraquara	59	0	1	0	0	0	59	0	1	0	0	0
Unib	Universidade Ibirapuera	16	0	1	0	0	0	16	0	1	0	0	0
Unifai	Centro Universitário Assunção	37	10	1	0	0	0	37	10	1	0	0	0
UnifECAP	Centro Universitário Álvares Penteado	79	0	1	0	0	0	79	0	1	0	0	0
Unimes	Universidade Metropolitana de Santos	90	0	1	0	0	0	90	0	1	0	0	0
Unida	Universidade de Santo Amaro	56	2	3	0	0	0	22	0	1	34	2	2
Unitoledo	Faculdades Integradas Antônio Eufrásio de Toledo de Presidente Prudente	68	0	1	0	0	0	68	0	1	0	0	0
USC	Universidade do Sagrado Coração	63	0	2	0	0	0	14	0	1	49	0	1
IBMEC	Faculdade Ibmec	74	0	1	0	0	0	0	0	0	74	0	1
Uniararas	Centro Universitário Hermínio Ometto	33	0	1	0	0	0	0	0	0	33	0	1

Source: CAPES (Coordination of Information Management).

(1) Number of scholarships funded by CAPES.

(2) Faculdade de Engenharia Química de Lorena, which was integrated with USP only on May 29, 2006, under the name of Escola de Engenharia de Lorena (EEL), is excluded.

(3) Integrated with USP on May 29, 2006.

**Detailed Table 2.20**  
**Total master's and doctorate programs, by CAPES scores – Brazil and São Paulo State, 2000-2006**

CAPES score	Doctorate and master's programs											
	Brazil						São Paulo State					
	2000		2003		2006		2000		2003		2006	
	Abs. nos.	%	Abs. nos.	%	Abs. nos.	%	Abs. nos.	%	Abs. nos.	%	Abs. nos.	%
	<b>Doctorate</b>											
<b>Total</b>	<b>811</b>	<b>100.0</b>	<b>980</b>	<b>100.0</b>	<b>1154</b>	<b>100.0</b>	<b>380</b>	<b>100.0</b>	<b>413</b>	<b>100.0</b>	<b>446</b>	<b>100.0</b>
1	3	0.4	0	0.0	0	0.0	2	0.5	0	0.0	0	0.0
2	14	1.7	4	0.4	9	0.8	6	1.6	2	0.5	4	0.9
3	74	9.1	67	6.8	48	4.2	43	11.3	33	8.0	21	4.7
4	265	32.7	309	31.5	398	34.5	123	32.4	116	28.1	117	26.2
5	308	38.0	395	40.3	464	40.2	141	37.1	161	39.0	190	42.6
6	98	12.1	144	14.7	154	13.3	38	10.0	68	16.5	67	15.0
7	49	6.0	61	6.2	81	7.0	27	7.1	33	8.0	47	10.5
	<b>Master's</b>											
<b>Total</b>	<b>1,438</b>	<b>100.0</b>	<b>1,708</b>	<b>100.0</b>	<b>2,022</b>	<b>100.0</b>	<b>488</b>	<b>100.0</b>	<b>537</b>	<b>100.0</b>	<b>592</b>	<b>100.0</b>
1	9	0.6	2	0.1	1	0.0	3	0.6	0	0.0	0	0.0
2	49	3.4	29	1.7	37	1.8	13	2.7	9	1.7	9	1.5
3	394	27.4	496	29.0	580	28.7	102	20.9	103	19.2	109	18.4
4	487	33.9	558	32.7	708	35.0	160	32.8	160	29.8	176	29.7
5	353	24.5	422	24.7	466	23.0	145	29.7	167	31.1	188	31.8
6	97	6.7	141	8.3	149	7.4	38	7.8	65	12.1	63	10.6
7	49	3.4	60	3.5	81	4.0	27	5.5	33	6.1	47	7.9

Source: CAPES (Coordination of Information Management).

Note: In this scale, grades 6 and 7 are assigned to programs of international excellence; 3-5, to reasonable and good programs, and < 3, to programs not recommended by CAPES and whose diplomas are not considered valid.

**Detailed Table 2.21a**  
**Enrollments in graduate programs by knowledge area – Brazil (excl. São Paulo State) and São Paulo State, 1996-2006**

Knowledge areas	Enrollments in graduate programs													Growth rate 1996-2001 (%)	Growth rate 2001-2006 (%)																	
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	PHD	Master's																			
	<b>Brazil (except São Paulo State)</b>																															
Total	24,831	27,474	32,970	37,033	41,934	38,332	40,170	42,947	45,332	49,820	25,008	53,104	26,086	54.4	90.9	38.5	62.6															
Agrarian sciences	2,698	826	2,895	975	3,116	1,113	3,303	1,345	3,561	1,618	3,674	1,872	3,890	2,099	4,220	2,329	4,526	2,516	4,727	2,862	5,070	3,092	36.2	126.6	38.0	65.2						
Applied social sciences	3,679	469	4,063	559	4,456	764	5,424	940	6,187	1,101	6,787	1,345	6,773	1,471	6,443	1,574	6,413	1,669	7,686	1,836	7,057	1,962	84.5	186.8	4.0	45.9						
Biological sciences	1,989	1,162	1,994	1,333	2,154	1,565	2,358	1,786	2,366	1,962	2,455	2,158	2,703	2,434	2,966	2,672	3,228	2,803	3,465	3,030	3,902	3,370	23.4	85.7	58.9	56.2						
Engineering	3,841	1,794	5,294	2,059	5,600	2,239	5,975	2,702	7,302	3,080	5,931	2,770	6,779	3,063	7,351	2,951	7,980	3,490	8,381	3,829	8,905	4,084	54.4	54.4	50.1	47.4						
Exact & earth sciences	2,726	1,558	2,921	1,692	3,056	1,802	3,531	1,953	3,940	2,120	4,278	2,259	4,333	2,834	4,399	2,676	4,381	2,680	4,725	2,917	5,077	3,132	56.9	45.0	18.7	38.6						
Health sciences	2,705	774	2,774	877	3,149	1,034	3,257	1,213	3,387	1,318	3,398	1,389	3,715	1,541	4,005	1,806	4,720	2,045	5,259	3,704	5,812	2,759	25.6	79.5	71.0	98.6						
Human sciences	4,668	1,172	4,632	1,428	4,933	1,688	5,510	2,007	6,240	2,419	7,022	2,757	7,187	3,049	7,906	3,461	8,371	3,844	9,176	4,182	9,941	4,753	50.4	135.2	41.6	72.4						
Linguistics, literature & arts	1,884	507	2,003	565	2,039	636	2,283	745	2,354	900	2,560	996	2,771	1,205	3,134	1,490	3,298	1,563	3,515	1,813	3,866	1,957	35.9	96.4	51.0	96.5						
Multidisciplinary	641	143	898	197	969	210	1,329	342	1,697	416	2,227	496	2,019	581	2,523	707	2,415	712	2,886	835	3,474	977	247.4	246.9	56.0	97.0						
	<b>São Paulo State</b>																															
Total	19,691	13,793	20,314	14,843	21,344	15,797	23,202	16,965	23,701	18,070	24,205	19,135	23,825	19,451	24,012	20,140	23,941	19,985	24,129	20,350	26,007	20,486	22.9	38.7	7.4	7.1						
Agrarian sciences	1,412	1,184	1,319	1,262	1,478	1,359	1,637	1,488	1,605	1,701	1,788	1,814	1,628	1,936	1,523	1,923	1,605	1,931	1,675	1,942	1,806	1,913	26.6	53.2	1.0	5.5						
Applied social sciences	3,575	1,404	3,694	1,487	3,721	1,512	4,183	1,665	4,417	1,767	4,689	1,979	4,253	2,024	4,228	1,918	4,119	1,829	3,254	1,828	4,366	1,627	31.2	41.0	-6.9	-17.8						
Biological sciences	1,378	1,530	1,479	1,663	1,464	1,734	1,466	1,810	1,519	1,902	1,611	2,083	1,512	2,315	1,435	2,408	1,431	2,347	1,535	2,262	1,586	2,259	16.9	36.1	-1.6	8.4						
Engineering	2,695	1,803	2,936	1,906	3,093	1,950	3,284	2,128	3,571	2,426	3,657	2,609	3,708	2,641	3,599	2,720	3,325	2,543	3,250	2,637	3,528	2,649	35.7	44.7	-3.5	1.5						
Exact & earth sciences	1,796	1,863	1,837	1,980	1,780	2,098	1,863	2,181	1,879	2,218	1,850	2,246	1,803	2,024	1,887	2,340	1,930	2,208	2,015	2,204	2,033	2,228	3.0	20.6	9.9	-0.8						
Health sciences	3,673	2,571	3,827	2,873	4,315	3,205	4,654	3,472	4,592	3,538	4,668	3,758	4,468	3,684	4,453	3,684	4,453	3,946	4,761	4,183	4,767	4,372	27.1	46.2	2.1	16.3						
Human sciences	3,701	2,642	3,744	2,814	3,809	3,005	4,038	3,213	3,892	3,452	3,961	3,508	3,978	3,622	4,234	3,709	4,296	3,729	4,533	3,696	4,677	3,798	7.0	32.8	18.1	8.3						
Linguistics, literature & arts	1,269	738	1,272	782	1,476	852	1,517	926	1,570	989	1,610	1,043	1,671	1,067	1,644	1,093	1,663	1,106	1,851	1,205	1,953	1,243	26.9	41.3	21.3	19.2						
Multidisciplinary	192	58	206	76	208	82	560	82	560	82	560	82	560	82	560	77	371	95	804	138	1,009	181	1,119	346	1,255	393	1,291	397	93.2	63.8	248.0	317.9

Source: CAPES (Coordination of Information Management).



**Detailed Table 2.21b**  
**Distribution (%) of enrollments in graduate programs by knowledge area – Brazil (excl. São Paulo State) and São Paulo State, 1996-2006**

Knowledge areas	Distribution (%) of enrollments in graduate programs											
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
	PhD	Master's	PhD	Master's	PhD	Master's	PhD	Master's	PhD	Master's	PhD	Master's
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>Total</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Agrarian sciences	10.9	9.8	10.5	10.1	10.6	10.1	10.0	10.3	9.6	10.8	9.6	11.7
Applied social sciences	14.8	5.6	14.8	7.3	13.8	7.3	14.2	7.2	13.7	6.4	13.1	6.4
Biological sciences	8.0	13.8	7.3	13.8	7.3	14.2	7.2	13.7	6.4	13.1	6.4	13.5
Engineering	15.5	21.3	19.3	21.3	19.0	20.3	18.1	20.7	19.7	20.6	15.5	17.3
Exact & earth sciences	11.0	18.5	10.6	17.5	10.4	16.3	10.7	15.0	10.6	14.2	11.2	14.1
Health sciences	10.9	9.2	10.1	9.1	10.7	9.4	9.9	9.3	9.1	8.8	8.9	8.7
Human sciences	18.8	13.9	16.9	14.7	16.7	15.3	16.7	15.4	16.8	16.2	18.3	17.2
Linguistics, literature & arts	7.6	6.0	7.3	5.8	6.9	5.8	6.9	5.7	6.4	6.0	6.7	6.2
Multidisciplinary	2.6	1.7	3.3	2.0	3.3	1.9	4.0	2.6	4.6	2.8	5.8	3.1
	PhD	Master's	PhD	Master's	PhD	Master's	PhD	Master's	PhD	Master's	PhD	Master's
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>Brazil (except São Paulo State)</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Agrarian sciences	10.9	9.8	10.5	10.1	10.6	10.1	10.0	10.3	9.6	10.8	9.6	11.7
Applied social sciences	14.8	5.6	14.8	7.3	13.8	7.3	14.2	7.2	13.7	6.4	13.1	6.4
Biological sciences	8.0	13.8	7.3	13.8	7.3	14.2	7.2	13.7	6.4	13.1	6.4	13.5
Engineering	15.5	21.3	19.3	21.3	19.0	20.3	18.1	20.7	19.7	20.6	15.5	17.3
Exact & earth sciences	11.0	18.5	10.6	17.5	10.4	16.3	10.7	15.0	10.6	14.2	11.2	14.1
Health sciences	10.9	9.2	10.1	9.1	10.7	9.4	9.9	9.3	9.1	8.8	8.9	8.7
Human sciences	18.8	13.9	16.9	14.7	16.7	15.3	16.7	15.4	16.8	16.2	18.3	17.2
Linguistics, literature & arts	7.6	6.0	7.3	5.8	6.9	5.8	6.9	5.7	6.4	6.0	6.7	6.2
Multidisciplinary	2.6	1.7	3.3	2.0	3.3	1.9	4.0	2.6	4.6	2.8	5.8	3.1
	PhD	Master's	PhD	Master's	PhD	Master's	PhD	Master's	PhD	Master's	PhD	Master's
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>São Paulo State</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Agrarian sciences	7.2	8.6	6.5	8.5	6.9	8.6	7.1	8.8	6.8	9.4	7.4	9.5
Applied social sciences	18.2	10.2	18.2	10.0	17.4	9.6	18.0	9.8	18.6	9.8	19.4	10.3
Biological sciences	7.0	11.1	7.3	11.2	6.9	11.0	6.3	10.7	6.4	10.5	6.7	10.9
Engineering	13.7	13.1	14.5	12.8	14.5	12.3	14.2	12.5	15.1	13.4	15.1	13.6
Exact & earth sciences	9.1	13.5	9.0	13.3	8.3	13.3	8.0	12.9	7.9	12.3	7.6	11.7
Health sciences	18.7	18.6	18.8	19.4	20.2	20.3	20.1	20.5	19.4	19.6	19.3	19.6
Human sciences	18.8	19.2	18.4	19.0	17.8	19.0	17.4	18.9	16.4	19.1	16.4	18.3
Linguistics, literature & arts	6.4	5.4	6.3	5.3	6.9	5.4	6.5	5.5	6.6	5.5	6.7	5.5
Multidisciplinary	1.0	0.4	1.0	0.5	1.0	0.5	2.4	0.5	2.8	0.4	1.5	0.5

Source: CAPES (Coordenação de Gestão da Informação).

Note: See Detailed Table 2.21a.

**Detailed Table 2.22a**  
**Degrees awarded in graduate programs, by knowledge area – Brazil (excl. São Paulo State) and São Paulo State, 1996-2006**

Knowledge areas	Degrees awarded in graduate programs												Growth rate 1996-2001 (%)		Growth rate 2001-2006 (%)									
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	Masters	PHD	Masters	PHD	Masters	PHD							
<b>Brazil (except São Paulo State)</b>																								
<b>Total</b>	6,354	7,126	7,706	9,588	11,431	2,168	11,921	2,347	14,858	2,822	16,528	3,545	16,529	3,739	19,190	4,167	19,860	4,523	87.6	134.5	66.6	92.7		
Agrarian sciences	897	126	978	1,309	216	1,352	241	1,495	332	1,621	400	1,804	534	1,806	496	2,110	583	2,267	655	66.7	163.5	51.6	97.3	
Applied social sciences	691	33	838	1,291	97	1,750	154	1,933	153	2,509	225	2,830	307	2,524	303	2,745	353	2,870	375	179.7	363.6	48.5	145.1	
Biological sciences	567	177	687	1,199	767	241	1,029	302	999	379	1,110	433	1,209	502	1,439	597	1,538	603	76.2	114.1	54.0	59.1		
Engineering	1,046	181	1,134	1,651	292	1,821	356	1,636	331	1,935	390	2,289	488	2,425	524	2,799	562	2,644	596	56.4	82.9	61.6	80.1	
Exact & earth sciences	741	165	794	1,037	301	1,150	326	1,245	360	1,579	316	1,664	440	1,602	453	1,809	461	1,762	459	68.0	118.2	41.5	27.5	
Health sciences	671	134	800	1,195	246	1,407	312	1,232	245	1,582	351	1,961	439	1,881	489	2,262	495	2,532	555	83.6	82.8	105.5	126.5	
Human sciences	1,203	106	1,343	1,577	232	1,916	307	2,147	317	2,951	433	3,049	513	3,008	578	3,509	688	3,719	713	78.5	199.1	73.2	124.9	
Linguistics, literature & arts	467	58	447	72	537	107	715	127	839	163	991	195	1,031	206	1,211	249	1,393	274	1,321	371	79.7	181.0	57.4	127.6
Multidisciplinary	71	21	105	12	224	38	291	43	395	67	580	79	691	116	829	133	1,124	154	1,207	196	456.3	219.0	205.6	192.5
<b>São Paulo State</b>																								
<b>Total</b>	3,997	4,501	4,874	5,637	6,595	7,405	8,492	9,335	4,489	8,163	4,329	9,162	4,779	9,352	4,644	85.3	86.5	26.3	29.9					
Agrarian sciences	405	187	397	456	274	610	389	734	390	821	493	657	478	702	533	760	503	50.6	108.0	24.6	29.3			
Applied social sciences	431	155	496	729	239	971	287	1,234	284	1,586	388	1,677	429	1,367	452	1,510	460	1,502	476	186.3	83.2	21.7	67.6	
Biological sciences	341	199	406	481	342	507	379	569	446	571	472	453	491	477	502	541	506	48.7	90.5	6.7	33.5			
Engineering	556	223	667	756	349	843	331	978	397	1,062	386	1,181	477	1,140	477	1,299	499	1,245	483	75.9	78.0	27.3	21.7	
Exact & earth sciences	423	277	488	562	341	603	396	620	393	627	412	679	465	609	451	697	500	704	432	46.6	41.9	13.5	9.9	
Health sciences	766	466	871	1,272	807	1,448	732	1,527	859	1,776	1,077	2,008	1,125	1,685	967	1,857	1,185	1,847	1,153	99.3	84.3	21.0	34.2	
Human sciences	784	315	848	901	523	1,110	573	1,253	680	1,322	705	1,414	756	1,359	722	1,482	776	1,566	750	59.8	115.9	25.0	10.3	
Linguistics, literature & arts	218	92	221	311	133	329	130	433	161	475	198	554	209	487	203	500	222	612	229	98.6	75.0	41.3	42.2	
Multidisciplinary	73	3	107	21	169	33	185	36	243	34	341	42	430	63	406	88	638	102	575	112	232.9	1033.3	136.6	229.4

Source: CAPES (Coordination of Information Management).

**Detailed Table 2.22b**  
**Distribution (%) of degrees awarded in graduate programs, by knowledge area – Brazil (excl. São Paulo State) and São Paulo State, 1996-2006**

Knowledge areas	Degrees awarded in graduate programs (%)																						
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006												
	PHD	PHD	PHD	PHD	PHD	PHD	PHD	PHD	PHD	PHD	PHD	Master's	Master's	Master's	Master's	Master's	Master's	Master's	Master's	Master's	Master's	Master's	Master's
<b>Total</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Agrarian sciences	14.1	12.6	13.7	12.5	13.3	13.7	12.2	11.8	11.1	12.5	14.1	10.9	14.2	10.9	15.1	13.3	11.0	14.0	11.4	14.5	14.5	14.5	14.5
Applied social sciences	10.9	3.3	11.8	4.8	11.5	5.3	13.5	5.5	15.3	7.1	16.2	6.5	16.9	8.0	17.1	8.7	15.3	8.1	14.3	8.5	14.5	8.3	8.3
Biological sciences	8.9	17.7	9.6	15.1	9.0	15.2	8.0	13.6	9.0	13.9	8.4	16.1	7.5	15.3	7.3	14.2	7.5	13.7	7.5	14.3	7.7	13.3	13.3
Engineering	16.5	18.1	15.9	16.3	16.8	16.0	17.2	16.5	15.9	16.4	13.7	14.1	13.0	13.8	13.8	14.7	14.0	14.6	13.5	13.3	13.2	13.2	13.2
Exact & earth sciences	11.7	16.5	11.1	16.8	11.5	17.4	10.8	17.0	10.1	15.0	10.4	15.3	10.6	11.2	10.1	12.4	9.7	12.1	9.4	11.1	8.9	10.1	10.1
Health sciences	10.6	13.4	11.2	12.4	11.9	12.3	12.5	13.9	12.3	14.4	10.3	10.4	10.6	12.4	11.9	12.4	11.4	13.1	11.8	11.9	12.7	12.3	12.3
Human sciences	18.9	10.6	18.8	14.8	17.4	14.1	16.4	13.1	16.8	14.2	18.0	13.5	19.9	15.3	18.4	14.5	18.2	15.5	18.3	16.5	18.7	15.8	15.8
Linguistics, literature & arts	7.3	5.8	6.3	6.4	6.4	5.5	5.6	6.0	6.3	5.9	7.0	6.9	6.7	6.9	6.2	5.8	7.3	6.7	7.3	6.6	6.7	8.2	8.2
Multidisciplinary	1.1	2.1	1.5	0.9	2.1	0.9	2.3	2.1	2.5	2.0	3.3	2.9	3.9	2.8	4.2	3.3	5.0	3.6	5.9	3.7	6.1	4.3	4.3
<b>Brazil (except São Paulo State)</b>																							
<b>Total</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Agrarian sciences	10.1	9.8	8.8	9.8	9.3	10.8	8.1	9.0	9.7	9.8	8.2	10.9	8.6	9.6	8.8	11.0	8.0	11.0	7.7	11.2	8.1	10.8	10.8
Applied social sciences	10.8	8.1	11.0	5.3	11.0	8.1	12.9	7.9	14.7	9.1	16.7	7.9	18.7	9.6	18.0	9.6	16.7	10.4	16.5	9.6	16.1	10.2	10.2
Biological sciences	8.5	10.4	9.0	12.3	8.2	11.6	8.5	11.2	7.1	11.5	6.8	10.6	6.7	11.0	6.1	10.5	5.5	11.3	5.2	10.5	5.8	10.9	10.9
Engineering	13.9	11.6	14.8	12.4	14.9	11.9	13.4	11.5	12.8	10.5	13.2	11.1	12.5	9.5	12.7	10.6	14.0	11.0	14.2	10.4	13.3	10.4	10.4
Exact & earth sciences	10.6	14.4	10.8	12.5	12.5	11.8	10.0	11.2	9.1	12.5	8.4	11.0	7.4	10.2	7.3	10.4	7.5	10.4	7.6	10.5	7.5	9.3	9.3
Health sciences	19.2	24.3	19.4	22.1	20.6	23.3	22.6	26.5	22.0	23.2	20.6	24.0	20.9	26.6	21.5	25.1	20.6	22.3	20.3	24.8	19.7	24.8	24.8
Human sciences	19.6	16.4	18.8	20.1	16.7	17.9	16.0	17.2	16.8	18.2	16.9	19.0	15.6	17.4	15.1	16.8	16.6	16.7	16.2	16.2	16.7	16.1	16.1
Linguistics, literature & arts	5.5	4.8	4.9	5.3	4.5	3.7	5.5	4.4	5.0	4.1	5.8	4.5	5.6	4.9	5.9	4.7	6.0	4.7	5.5	4.6	6.5	4.9	4.9
Multidisciplinary	1.8	0.2	2.4	0.2	2.4	0.8	3.0	1.1	2.8	1.1	3.3	1.0	4.0	1.0	4.6	1.4	5.0	2.0	7.0	2.1	6.1	2.4	2.4
<b>São Paulo State</b>																							
<b>Total</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Agrarian sciences	10.1	9.8	8.8	9.8	9.3	10.8	8.1	9.0	9.7	9.8	8.2	10.9	8.6	9.6	8.8	11.0	8.0	11.0	7.7	11.2	8.1	10.8	10.8
Applied social sciences	10.8	8.1	11.0	5.3	11.0	8.1	12.9	7.9	14.7	9.1	16.7	7.9	18.7	9.6	18.0	9.6	16.7	10.4	16.5	9.6	16.1	10.2	10.2
Biological sciences	8.5	10.4	9.0	12.3	8.2	11.6	8.5	11.2	7.1	11.5	6.8	10.6	6.7	11.0	6.1	10.5	5.5	11.3	5.2	10.5	5.8	10.9	10.9
Engineering	13.9	11.6	14.8	12.4	14.9	11.9	13.4	11.5	12.8	10.5	13.2	11.1	12.5	9.5	12.7	10.6	14.0	11.0	14.2	10.4	13.3	10.4	10.4
Exact & earth sciences	10.6	14.4	10.8	12.5	12.5	11.8	10.0	11.2	9.1	12.5	8.4	11.0	7.4	10.2	7.3	10.4	7.5	10.4	7.6	10.5	7.5	9.3	9.3
Health sciences	19.2	24.3	19.4	22.1	20.6	23.3	22.6	26.5	22.0	23.2	20.6	24.0	20.9	26.6	21.5	25.1	20.6	22.3	20.3	24.8	19.7	24.8	24.8
Human sciences	19.6	16.4	18.8	20.1	16.7	17.9	16.0	17.2	16.8	18.2	16.9	19.0	15.6	17.4	15.1	16.8	16.6	16.7	16.2	16.2	16.7	16.1	16.1
Linguistics, literature & arts	5.5	4.8	4.9	5.3	4.5	3.7	5.5	4.4	5.0	4.1	5.8	4.5	5.6	4.9	5.9	4.7	6.0	4.7	5.5	4.6	6.5	4.9	4.9
Multidisciplinary	1.8	0.2	2.4	0.2	2.4	0.8	3.0	1.1	2.8	1.1	3.3	1.0	4.0	1.0	4.6	1.4	5.0	2.0	7.0	2.1	6.1	2.4	2.4

Source: CAPES (Coordination of Information Management).

Note: See Additional Table 2.22a.