

Supplementary Material for: [Speech-language therapist staffing for the rehabilitation of adult and paediatric in/outpatients in Chilean public hospitals](#)
Authors: Felipe Gonzalo Rosales Lillo, Patricia Castro Abarca, Antonia Villalón Barrionuevo, Haranni Antonella Aguilera Soto, Teresita Bravo Andrade
Journal: *Revista de Investigación e Innovación en Ciencias de la Salud*

Provision of speech and language therapy staffing (SLT-S) required by Chilean public hospital according to Ministry of Health formula. Includes proposal for inpatient care to provide continuity of care on non-working days.																									
Region	Hospital	Number of hospital clinical beds by type									30-70 adjustment for adult care clinical beds		Number of hours of speech and language therapy staffing required in workweek hours according to clinical bed. considering a total of 44- hour workweek										Proposal for daily hours of speech and language therapy staffing for inpatient care on non-working days		
		N° of adult basic care clinical beds	N° of paediatric basic care clinical beds	N° of adult medium care clinical beds	N° of paediatric medium care clinical beds	N° of adult critic care clinical beds	N° of paediatric critic care clinical beds	Total of adult care clinical beds	Total of paediatric care clinical beds	Total beds	N° of adult basic care clinical beds	N° of adult medium care clinical beds	Adult basic care clinical beds	Paediatric basic care clinical beds	Adult medium care clinical beds	Paediatric medium care clinical beds	Adult critic care clinical beds	Paediatric critic care clinical beds	Adult care clinical beds	Paediatric care clinical beds	Total	N° of hours for adult care clinical beds	N° of hours for paediatric care clinical beds	Total hours	
Arica y Parinacota	Hospital Regional Dr. Juan Noé Crevani	30	3	175	18	36	20	241	41	282	9	196	2.38	.79	198.35	18.22	121.44	33.73	322.17	52.74	374.91	64.43	10.55	74.98	
Tarapacá	Hospital Dr. Ernesto Torres Galdames	51	29	186	5	42	42	279	76	355	15.3	221.7	4.04	7.66	224.36	5.06	141.68	70.84	370.08	83.56	453.64	74.02	16.71	90.73	
	Hospital 21 de Mayo	20	2	0	0	0	0	20	2	22	6	14	1.58	.53	14.17	.00	.00	.00	15.75	.53	16.28	3.15	.11	3.26	
Antofagasta	Hospital de Mejillones	9	0	0	0	0	0	9	0	9	2.7	6.3	.71	.00	6.38	.00	.00	.00	7.09	.00	7.09	1.42	.00	1.42	
	Hospital Dr. Carlos Cisternas	6	25	132	6	18	7	156	38	194	1.8	136.2	.48	6.60	137.83	6.07	60.72	11.81	199.03	24.48	223.51	39.81	4.90	44.70	
	Hospital Dr. Leonardo Guzmán	68	24	315	64	82	38	465	126	591	20.4	362.6	5.39	6.34	366.95	64.77	276.61	64.09	648.95	135.20	784.15	129.79	27.04	156.83	
	Hospital Dr. Marcos Macuada	34	3	0	0	0	0	34	3	37	10.2	23.8	2.69	.79	24.09	.00	.00	.00	26.78	.79	27.57	5.36	.16	5.51	
Atacama	Hospital Dr. Jerónimo Méndez Arancibia	20	7	0	0	0	0	20	7	27	6	14	1.58	1.85	14.17	.00	.00	.00	15.75	1.85	17.60	3.15	.37	3.52	
	Hospital Dr. Manuel Magalhaes Medling	5	3	0	0	0	0	5	3	8	1.5	3.5	.40	.79	3.54	.00	.00	.00	3.94	.79	4.73	.79	.16	.95	
	Hospital Provincial del Huasco Monseñor Ariztia	18	10	51	7	10	0	79	17	96	5.4	63.6	1.43	2.64	64.36	7.08	33.73	.00	99.52	9.72	109.25	19.90	1.94	21.85	
	Hospital San José del Carmen	74	24	125	6	30	20	229	50	279	22.2	176.8	5.86	6.34	178.92	6.07	101.20	33.73	285.98	46.14	332.12	57.20	9.23	66.42	
Coquimbo	Hospital de Salamanca	6	3	3	0	0	0	9	3	12	1.8	7.2	.48	.79	7.29	.00	.00	.00	7.76	.79	8.55	1.55	.16	1.71	
	Hospital Dr. Antonio Tirado Lanas de Ovalle	3	13	128	22	24	6	155	41	196	.9	130.1	.24	3.43	131.66	22.26	80.96	10.12	212.86	35.82	248.67	42.57	7.16	49.73	
	Hospital Dr. José Arraño	4	2	1	0	0	0	5	2	7	1.2	3.8	.32	.53	3.85	.00	.00	.00	4.16	.53	4.69	.83	.11	.94	
	Hospital San Juan de Dios de Combarbalá	6	4	2	0	0	0	8	4	12	1.8	6.2	.48	1.06	6.27	.00	.00	.00	6.75	1.06	7.81	1.35	.21	1.56	
	Hospital Dr. Humberto Elorza Cortés	16	8	22	0	6	0	44	8	52	4.8	33.2	1.27	2.11	33.60	.00	20.24	.00	55.11	2.11	57.22	11.02	.42	11.44	
	Hospital San Juan de Dios de La Serena	14	0	158	30	59	36	231	66	297	4.2	167.8	1.11	.00	169.81	30.36	199.03	60.72	369.95	91.08	461.03	73.99	18.22	92.21	
	Hospital San Juan de Dios de Vicuña	11	6	4	0	0	0	15	6	21	3.3	11.7	.87	1.58	11.84	.00	.00	.00	12.71	1.58	14.30	2.54	.32	2.86	
	Hospital San Pablo	30	14	195	26	46	12	271	52	323	9	216	2.38	3.70	218.59	26.31	155.17	20.24	376.14	50.25	426.39	75.23	10.05	85.28	
Valparaíso	Hospital San Pedro	15	6	5	0	0	0	20	6	26	4.5	15.5	1.19	1.58	15.69	.00	.00	.00	16.87	1.58	18.46	3.37	.32	3.69	
	Hospital Carlos Van Buren	106	8	128	44	48	29	282	81	363	31.8	202.2	8.40	2.11	204.63	44.53	161.92	48.91	374.94	95.55	47.49	74.99	19.11	94.10	
	Hospital Claudio Vicuña	90	13	53	0	8	0	151	13	164	27	116	7.13	3.43	117.39	.00	26.99	.00	151.51	3.43	154.94	30.30	.69	30.99	
	Hospital Dr. Eduardo Pereira Ramírez	62	0	75	0	18	0	155	0	155	18.6	118.4	4.91	.00	119.82	.00	60.72	.00	185.45	.00	185.45	37.09	.00	37.09	
	Hospital San José de Casablanca	6	0	0	0	0	0	6	0	6	1.8	4.2	.48	.00	4.25	.00	.00	.00	4.73	.00	4.73	.95	.00	.95	
	Hospital Adriana Cousiño	21	4	6	0	0	0	27	4	31	6.3	20.7	1.66	1.06	20.95	.00	.00	.00	22.61	1.06	23.67	4.52	.21	4.73	
	Hospital Centro Geriátrico Paz de la Tarde	64	0	0	0	0	0	64	0	64	19.2	44.8	5.07	.00	45.34	.00	.00	.00	50.41	.00	50.41	10.08	.00	10.08	
	Hospital de Pitorca	15	2	1	0	0	0	16	2	18	4.5	11.5	1.19	.53	11.64	.00	.00	.00	12.83	.53	13.35	2.57	.11	2.67	
	Hospital de Quilpué	47	21	55	6	17	0	119	27	146	14.1	87.9	3.72	5.54	88.95	6.07	57.35	.00	150.02	11.62	161.64	30.00	2.32	32.33	
	Hospital Dr. Gustavo Fricke	18	6	323	80	78	53	419	139	558	5.4	335.6	1.43	1.58	339.63	80.96	263.12	89.39	604.17	171.94	776.11	120.83	34.39	155.22	
	Hospital Dr. Mario Sánchez Vergara	42	0	3	0	0	0	45	0	45	12.6	32.4	3.33	.00	32.79	.00	.00	.00	36.12	.00	36.12	7.22	.00	7.22	
	Hospital Dr. Victor Hugo Moll	15	0	6	0	0	0	21	0	21	4.5	16.5	1.19	.00	16.70	.00	.00	.00	17.89	.00	17.89	3.58	.00	3.58	
	Hospital Juana Ross de Edwards	81	0	0	0	0	0	81	0	81	24.3	56.7	6.42	.00	57.38	.00	.00	.00	63.80	.00	63.80	12.76	.00	12.76	
	Hospital San Agustín	36	11	12	0	0	0	48	11	59	10.8	37.2	2.85	2.90	37.65	.00	.00	.00	40.50	2.90	43.40	8.10	.58	8.68	
	Hospital San Martín	0	17	172	12	36	14	208	43	251	0	172	.00	4.49	174.06	12.14	121.44	23.61	295.50	40.25	335.75	59.10	8.05	67.15	
	Hospital Santo Tomás	55	0	0	0	0	0	55	0	55	16.5	38.5	4.36	.00	38.96	.00	.00	.00	43.32	.00	43.32	8.66	.00	8.66	
	Hospital San Camilo de San Felipe	71	29	64	0	30	17	165	46	211	21.3	113.7	5.62	7.66	115.06	.00	101.20	28.67	221.89	36.33	258.22	44.38	7.27	51.64	
	Hospital San Antonio	28	0	0	0	0	0	28	0	28	8.4	19.6	2.22	.00	19.84	.00	.00	.00	22.05	.00	22.05	4.41	.00	4.41	
	Hospital San Francisco	31	6	0	0	0	0	31	6	37	9.3	21.7	2.46	1.58	21.96	.00	.00	.00	24.42	1.58	26.00	4.88	.32	5.20	
Hospital San Juan de Dios de Los Andes	85	11	42	0	18	0	145	11	156	25.5	101.5	6.73	2.90	102.72</											

	Hospital de Santa Cruz	0		51	6	9	12	60	21	81	0	51	.00	.79	51.61	6.07	30.36	20.24	81.97	27.10	109.08	16.39	5.42	21.82
	Hospital Del Salvador de Peumo	28	0	0	0	0	0	28	0	28	8.4	19.6	2.22	.00	19.84	.00	.00	.00	22.05	.00	22.05	4.41	.00	4.41
	Hospital Dr. Ricardo Valenzuela Sáez	10	10	71	0	9	0	90	10	100	3	78	.79	2.64	78.94	.00	30.36	.00	110.09	2.64	112.73	22.02	.53	22.55
	Hospital Mercedes de Chimbarongo	20	0	0	0	0	0	20	0	20	6	14	1.58	.00	14.17	.00	.00	.00	15.75	.00	15.75	3.15	.00	3.15
	Hospital Regional de Rancagua	0	0	299	39	96	64	395	103	498	0	299	.00	.00	302.59	39.47	323.84	107.95	626.43	147.41	773.84	125.29	29.48	154.77
	Hospital San Juan de Dios de San Fernando	0	9	96	6	30	7	126	22	148	0	96	.00	2.38	97.15	6.07	101.20	11.81	198.35	20.25	218.61	39.67	4.05	43.72
	Hospital San Vicente de Tagua-Tagua	23	3	25	0	0	0	48	3	51	6.9	41.1	1.82	.79	41.59	.00	.00	.00	43.41	.79	44.21	8.68	.16	8.84
Maule	Hospital Santa Filomena de Graneros	6	0	20	0	0	0	26	0	26	1.8	24.2	.48	.00	24.49	.00	.00	.00	24.97	.00	24.97	4.99	.00	4.99
	Hospital de Constitución	36	15	20	0	0	0	56	15	71	10.8	45.2	2.85	3.96	45.74	.00	.00	.00	48.59	3.96	52.55	9.72	.79	10.51
	Hospital de Curepto	12	0	0	0	0	0	12	0	12	3.6	8.4	.95	.00	8.50	.00	.00	.00	9.45	.00	9.45	1.89	.00	1.89
	Hospital de Hualañé	12	0	0	0	0	0	12	0	12	3.6	8.4	.95	.00	8.50	.00	.00	.00	9.45	.00	9.45	1.89	.00	1.89
	Hospital de Licanén	21	2	0	0	0	0	21	2	23	6.3	14.7	1.66	.53	14.88	.00	.00	.00	16.54	.53	17.07	3.31	.11	3.41
	Hospital de Molina	31	10	10	0	0	0	41	10	51	9.3	31.7	2.46	2.64	32.08	.00	.00	.00	34.54	2.64	37.18	6.91	.53	7.44
	Hospital de Teno	22	0	8	0	0	0	30	0	30	6.6	23.4	1.74	.00	23.68	.00	.00	.00	25.42	.00	25.42	5.08	.00	5.08
	Hospital Dr. Abel Fuentealba Lagos de San Javier	45	12	6	0	0	0	51	12	63	13.5	37.5	3.56	3.17	37.95	.00	.00	.00	41.51	3.17	44.68	8.30	.63	8.94
	Hospital Dr. Benjamín Pedreros	19	2	0	0	0	0	19	2	21	5.7	13.3	1.50	.53	13.46	.00	.00	.00	14.96	.53	15.49	2.99	.11	3.10
	Hospital Dr. César Garavagno Burotto	111	12	243	72	90	60	444	144	588	33.3	320.7	8.79	3.17	324.55	72.86	303.60	101.20	636.94	177.23	814.17	127.39	35.45	162.83
	Hospital Presidente Carlos Ibáñez del Campo	40	32	76	0	36	6	152	38	190	12	104	3.17	8.45	105.25	.00	121.44	10.12	229.86	18.57	248.42	45.97	3.71	49.68
	Hospital San José de Parral	69	16	12	0	0	0	81	16	97	20.7	60.3	5.46	4.22	61.02	.00	.00	.00	66.49	4.22	70.71	13.30	.84	14.14
	Hospital San Juan de Dios de Cauquenes	75	28	14	0	0	0	89	28	117	22.5	66.5	5.94	7.39	67.30	.00	.00	.00	73.24	7.39	80.63	14.65	1.48	16.13
	Hospital San Juan de Dios de Curicó	112	17	96	0	36	6	244	23	267	33.6	174.4	8.87	4.49	176.49	.00	121.44	10.12	306.80	14.61	321.41	61.36	2.92	64.28
Ñuble	Hospital Clínico Herminda Martín	202	58	104	0	54	29	360	87	447	60.6	245.4	16.00	15.31	248.34	.00	182.16	48.91	446.50	64.23	510.73	89.30	12.85	102.15
	Hospital Comunitario de Salud Familiar de Bulnes	41	7	4	0	0	0	45	7	52	12.3	32.7	3.25	1.85	33.09	.00	.00	.00	36.34	1.85	38.19	7.27	.37	7.64
	Hospital de Coelemu	37	2	6	0	0	0	43	2	45	11.1	31.9	2.93	.53	32.28	.00	.00	.00	35.21	.53	35.74	7.04	.11	7.15
	Hospital de El Carmen	19	0	2	0	0	0	21	0	21	5.7	15.3	1.50	.00	15.48	.00	.00	.00	16.99	.00	16.99	3.40	.00	3.40
	Hospital de Quirihue	41	4	3	0	0	0	44	4	48	12.3	31.7	3.25	1.06	32.08	.00	.00	.00	35.33	1.06	36.38	7.07	.21	7.28
	Hospital Pedro Morales Campos	34	5	2	0	0	0	36	5	41	10.2	25.8	2.69	1.32	26.11	.00	.00	.00	28.80	1.32	3.12	5.76	.26	6.02
	Hospital de San Carlos	22	10	67	3	18	0	107	13	120	6.6	82.4	1.74	2.64	83.39	3.04	60.72	.00	145.85	5.68	151.53	29.17	1.14	30.31
Biobío	Hospital Dr. Guillermo Grant Benavente	269	57	220	50	78	51	567	158	725	80.7	408.3	21.30	15.05	413.20	50.60	263.12	86.02	697.62	151.67	849.29	139.52	30.33	169.86
	Hospital Clorinda Avello	40	3	0	0	0	0	40	3	43	12	28	3.17	.79	28.34	.00	.00	.00	31.50	.79	32.30	6.30	.16	6.46
	Hospital San Agustín de Florida	14	2	0	0	0	0	14	2	16	4.2	9.8	1.11	.53	9.92	.00	.00	.00	11.03	.53	11.55	2.21	.11	2.31
	Hospital de Lota	37	16	52	7	0	0	89	23	112	11.1	77.9	2.93	4.22	78.83	7.08	.00	.00	81.77	11.31	93.07	16.35	2.26	18.61
	Hospital San José de Coronel	4	11	71	16	6	0	81	27	108	1.2	73.8	.32	2.90	74.69	16.19	20.24	.00	95.24	19.10	114.34	19.05	3.82	22.87
	Hospital Traumatólogo de Concepción	0	0	101	0	7		108	0	108	0	101	.00	.00	102.21	.00	23.61	.00	125.83	.00	125.83	25.17	.00	25.17
	Hospital de Tomé	28	10	46	0	6	0	80	10	90	8.4	65.6	2.22	2.64	66.39	.00	20.24	.00	88.84	2.64	91.48	17.77	.53	18.30
	Hospital Las Higueras	90	38	200	0	52	19	342	57	399	27	263	7.13	10.03	266.16	.00	175.41	32.05	448.70	42.08	490.78	89.74	8.42	98.16
	Hospital Penco Lirquén	12	0	30	0	6	0	48	0	48	3.6	38.4	.95	.00	38.86	.00	20.24	.00	60.05	.00	60.05	12.01	.00	12.01
	Complejo Asistencial Dr. Víctor Ríos Ruiz	62	27	229	35	66	47	357	109	466	18.6	2												

	Hospital Comunitario de Achao	3	1	16	0	0	0	19	1	20	.9	18.1	.24	.26	18.32	.00	.00	.00	18.55	.26	18.82	3.71	.05	3.76
	Hospital de Ancud	6	7	44	8	0	0	50	15	65	1.8	48.2	.48	1.85	48.78	8.10	.00	.00	49.25	9.94	59.20	9.85	1.99	11.84
	Hospital de Castro	0	2	55	8	30	12	85	22	107	0	55	.00	.53	55.66	8.10	101.20	20.24	156.86	28.86	185.72	31.37	5.77	37.14
	Hospital Comunitario de Queilén	4	0	0	0	0	0	4	0	4	1.2	2.8	.32	.00	2.83	.00	.00	.00	3.15	.00	3.15	.63	.00	.63
	Hospital de Quellón	11	7	17	0	0	0	28	7	35	3.3	24.7	.87	1.85	25.00	.00	.00	.00	25.87	1.85	27.72	5.17	.37	5.54
Aysén	Hospital de Puerto Aysén	8	15	15	0	3	0	26	15	41	2.4	20.6	.63	3.96	20.85	.00	10.12	.00	31.60	3.96	35.56	6.32	.79	7.11
	Hospital Dr. Jorge Ibar	9	0	0	0	0	0	9	0	9	2.7	6.3	.71	.00	6.38	.00	.00	.00	7.09	.00	7.09	1.42	.00	1.42
	Hospital Dr. Leopoldo Ortega R.	8	0	0	0	0	0	8	0	8	2.4	5.6	.63	.00	5.67	.00	.00	.00	6.30	.00	6.30	1.26	.00	1.26
	Hospital Lord Cochrane	7	0	0	0	0	0	7	0	7	2.1	4.9	.55	.00	4.96	.00	.00	.00	5.51	.00	5.51	1.10	.00	1.10
	Hospital Regional de Coihaique	23	2	70	18	14	11	107	31	138	6.9	86.1	1.82	.53	87.13	18.22	47.23	18.55	136.18	37.30	173.48	27.24	7.46	34.70
Magallanes	Hospital Dr. Augusto Essmann Burgos	26	6	19	0	6	0	51	6	57	7.8	37.2	2.06	1.58	37.65	.00	20.24	.00	59.95	1.58	61.53	11.99	.32	12.31
	Hospital Clínico de Magallanes	164	14	52	0	36	16	252	30	282	49.2	166.8	12.99	3.70	168.80	.00	121.44	26.99	303.23	30.68	333.91	60.65	6.14	66.78
	Hospital Dr. Marco Antonio Chamorro	9	2	0	0	0	0	9	2	11	2.7	6.3	.71	.53	6.38	.00	.00	.00	7.09	.53	7.62	1.42	.11	1.52
	Hospital Cristina Calderón de Puerto Williams	4	1	0	0	0	0	4	1	5	1.2	2.8	.32	.26	2.83	.00	.00	.00	3.15	.26	3.41	.63	.05	.68
	Total	6,782	1,438	9,747	1,436	2,788	1,486	19,317	4,36	23,677	2,035	14,494	537.13	379.63	14,668.33	1,453.23	9,404.85	2,506.39	24,610.32	4,339.25	28,949.57	4922.06	867.85	5789.91