

## Appendix 1

Simple measures of inequality in health-related behaviours among Brazilian adolescents from PeNSE surveys 2009, 2012 and 2015.

Indicator	PeNSE survey year	National	Q1 (poorest) %	Q5 (richest) %	Difference (quintile 5 - quintile 1) %	Difference (quintile 5 - quintile 1) 95% CI	Ratio (quintile 5/ quintile 1) %	Ratio (quintile 5/ quintile 1) 95% CI	Population Attributable risk (PAR)	Population Attributable risk percentage (PAR%)
Irregular fruit consumption	2009	68.49	74.34	64.00	10.34	8.06; 12.62	1.16	1.12; 1.20	-4.49	-6.56
	2012	70.24	75.35	66.96	8.39	6.03; 10.74	1.13	1.08; 1.16	-3.28	-4.67
	2015	67.17	72.29	64.15	8.14	5.28; 11.00	1.13	1.08; 1.18	-3.02	-4.50
Irregular vegetables consumption	2009	68.77	76.81	61.47	15.34	13.28; 17.41	1.25	1.21; 1.29	-7.30	-10.62
	2012	64.12	71.64	56.99	14.65	12.46; 16.83	1.26	1.21; 1.30	-7.13	-11.12
	2015	61.73	69.97	55.14	14.83	11.66; 18.01	1.27	1.20; 1.34	-6.59	-10.68
Irregular beans consumption	2009	37.45	37.38	47.74	-10.36	-12.96; -7.77	0.78	0.74; 0.83	10.29	27.48
	2012	40.00	41.09	51.74	-10.65	-13.88; -7.42	0.79	0.74; 0.85	11.74	29.35
	2015	43.74	46.27	52.07	-5.80	-9.17; -2.43	0.89	0.83; 0.95	8.33	19.04
Regular softdrinks consumption	2009	37.21	29.67	41.59	-11.92	-14.32; -9.50	0.71	0.67; 0.76	4.38	11.77
	2012	35.44	28.17	36.62	-8.45	-10.69; -6.20	0.77	0.72; 0.83	1.18	3.33
	2015	28.84	24.51	27.42	-2.91	-5.45; -0.33	0.89	0.81; 0.98	-1.42	-4.92
Irregular recreational physical activity	2009	82.96	85.88	78.96	6.92	5.30; 8.55	1.09	1.07; 1.11	-4.00	-4.66
	2012	74.15	77.97	70.27	7.70	5.82; 9.58	1.11	1.08; 1.14	-3.88	-4.98
	2015	75.58	78.58	72.36	6.22	3.93; 8.51	1.09	1.05; 1.12	-3.22	-4.10
Alcohol use (once in the last month)	2009	27.13	23.57	31.02	-7.45	-9.22; -5.67	0.76	0.71; 0.81	3.89	14.33
	2012	26.78	25.55	26.33	-0.78	-2.94; 1.37	0.97	0.89; 1.05	-0.45	-1.67
	2015	23.2	22.24	22.50	-0.26	-2.99; 2.47	0.99	0.87; 1.12	-0.70	-3.03
Tobacco use (once in the last month)	2009	6.25	6.70	5.63	1.07	0.09; 2.06	1.19	1.01; 1.40	-0.62	-9.92
	2012	6.08	7.20	4.44	2.76	1.70; 3.82	1.62	1.35; 1.95	-1.64	-26.99
	2015	5.34	7.18	4.41	2.77	1.48; 4.06	1.63	1.28; 2.08	-0.93	-17.35

Drug use (once in the last month)	2009	3.32	3.01	3.52	-0.51	-1.29; 0.27	0.85	0.67; 1.08	0.20	6.02
	2012	3.81	3.94	3.63	0.31	-0.70; 1.32	1.09	0.83; 1.42	-0.18	-4.72
	2015	2.45	2.55	2.20	0.35	-0.52; 1.22	1.16	0.80; 1.69	-0.25	-10.20
Unsafe sex (in the last sexual intercourse)	2009	21.46	25.19	16.65	8.54	5.27; 11.82	1.51	1.27; 1.80	-4.81	-22.41
	2012	22.5	24.29	18.83	5.46	2.10; 8.81	1.29	1.10; 1.51	-3.67	-16.31
	2015	33.86	39.11	26.00	13.11	8.21; 18.01	1.50	1.28; 1.77	-7.86	-23.21
Domestic violence (once in the last month)	2009	9.54	10.13	8.79	1.34	0.06; 2.62	1.15	1.00; 1.33	-0.75	-7.86
	2012	11.6	14.08	9.87	4.21	2.82; 5.61	1.43	1.27; 1.61	-1.73	-14.91
	2015	16.17	19.33	13.11	6.22	4.48; 7.96	1.47	1.32; 1.65	-3.06	-18.92
Involvement in gun fights (in the last month)	2009	4.01	3.93	3.15	0.78	0.02; 1.53	1.25	1.00; 1.55	-0.86	-21.45
	2012	6.94	7.50	5.65	1.85	0.82; 2.88	1.33	1.13; 1.55	-1.29	-18.59
	2015	5.61	7.19	3.70	3.49	2.41; 4.58	1.94	1.56; 2.42	-1.91	-34.05
Bullying victimization (twice or more in the last month)	2009	14.16	13.71	14.54	-0.83	-2.16; 0.50	0.94	0.86; 1.04	0.38	2.68
	2012	16.5	16.90	16.73	0.17	-1.68; 2.04	1.01	0.90; 1.13	0.23	1.39
	2015	21.74	24.88	18.51	6.37	4.28; 8.45	1.34	1.22; 1.48	-3.23	-14.86