



Suicídio entre povos indígenas brasileiros: um estudo de revisão sistemática

Suicide among Brazilian indigenous peoples: a systematic review study

Suicidio entre los pueblos indígenas brasileños: un estudio de revisión sistemática

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Supplementary Material I

Database	Search Strategy	Number of Studies
SciELO (10/04/24)	(suicide OR suicidio) AND (prevalence OR prevalência OR proporção OR mortality OR mortalidade) AND (indigenous OR indigenous peoples OR indigenous OR Indigenous People OR indigenous peoples) AND (Brazil OR brazil)(suicide OR suicide OR suicidio) AND (prevalence OR prevalência OR prevalencia OR proportion OR proporción OR proportion OR mortality OR mortalidade OR mortalidad) AND (indigenous OR indigenous peoples OR indigenous OR Indigenous People OR indigenous peoples) AND (Brazil OR brazil)	15
LILACS (10/04/24)	(suicide OR suicidio) AND (prevalence OR prevalência OR proporção OR proportion OR mortality OR mortalidade) AND (indigenous OR povos indígenas OR Indigenous People OR pueblos indígenas) AND	25

	(Brazil OR brazil)	
PubMed (10/04/24)	((Suicide[Title/Abstract]) AND (AND Incidence OR Proportion OR Mortality OR prevalence)) AND ("Indigenous People" OR "People, Indigenous" OR "Peoples, Indigenous" OR "Native Peoples" OR "Native People" OR "People, Native" OR "Peoples, Native" OR "First Nation Peoples" OR "First Nation People" OR "Nation People, First" OR "Nation Peoples, First" OR "People, First Nation" OR "Peoples, First Nation" OR "Tribes" OR "Natives" OR "Indigenous Population" OR "Indigenous Populations" OR "Population, Indigenous" OR "Populations, Indigenous" OR "Native-Born" OR "Native Born")) AND (Brazil)	22
Scopus (10/07/2024)	suicide AND incidence OR proportion OR mortality OR prevalence AND "Indigenous People" OR "People, Indigenous" OR "Peoples, Indigenous" OR "Native Peoples" OR "Native People" OR "People, Native" OR "Peoples, Native" OR "First Nation Peoples" OR "First Nation People" OR "Nation People, First" OR "Nation Peoples, First" OR "People, First Nation" OR "Peoples, First Nation" OR "Tribes" OR "Natives" OR "Indigenous Population" OR "Indigenous Populations" OR "Population, Indigenous" OR "Populations, Indigenous" OR "Native-Born" OR "Native Born" AND Brazil *Filter on the term suicide for title, abstract, and keywords.	209
Web of Science (10/07/24)	suicide AND incidence OR proportion OR mortality OR prevalence AND "Indigenous People" OR "People, Indigenous" OR "Peoples, Indigenous" OR "Native Peoples" OR "Native People" OR "People, Native" OR "Peoples, Native" OR "First Nation Peoples" OR "First Nation People" OR "Nation People, First" OR "Nation Peoples, First" OR "People, First Nation" OR "Peoples, First Nation" OR "Tribes" OR "Natives" OR "Indigenous Population" OR "Indigenous Populations" OR "Population, Indigenous" OR "Populations, Indigenous" OR "Native-Born" OR "Native	12

	Born" AND Brazil	
PsycINFO (07/10/24)	suicide AND incidence OR proportion OR mortality OR prevalence AND "Indigenous People" OR "People, Indigenous" OR "Peoples, Indigenous" OR "Native Peoples" OR "Native People" OR "People, Native" OR "Peoples, Native" OR "First Nation Peoples" OR "First Nation People" OR "Nation People, First" OR "Nation Peoples, First" OR "People, First Nation" OR "Peoples, First Nation" OR "Tribes" OR "Natives" OR "Indigenous Population" OR "Indigenous Populations" OR "Population, Indigenous" OR "Populations, Indigenous" OR "Native-Born" OR "Native Born" AND Brazil	7
CINAHL (10/07/24)	AB suicide AND AB (Incidence OR Proportion OR Mortality OR prevalence) AND TX ("Indigenous People" OR "People, Indigenous" OR "Peoples, Indigenous" OR "Native Peoples" OR "Native People" OR "People, Native" OR "Peoples, Native" OR "First Nation Peoples" OR "First Nation People" OR "Nation People, First" OR "Nation Peoples, First" OR "People, First Nation" OR "Peoples, First Nation" OR "Tribes" OR "Natives" OR "Indigenous Population" OR "Indigenous Populations" OR "Population, Indigenous" OR "Populations, Indigenous" OR "Native- Born" OR "Native Born") AND TX brazil	47
Database (10/04/24)	suicide AND (incidence OR proportion OR mortality OR prevalence) AND ('indigenous people' OR 'people, indigenous' OR 'peoples, indigenous' OR 'native peoples' OR 'native people' OR 'people, native' OR 'peoples, native' OR 'first nation peoples' OR 'first nation people' OR 'nation people, first' OR 'nation peoples, first' OR 'people, first nation' OR 'peoples, first nation' OR 'tribes' OR 'natives' OR 'indigenous population' OR 'indigenous populations' OR 'population, indigenous' OR 'populations, indigenous' OR 'native-born' OR 'native born') AND brazil	7
Cochrane	suicide in Title Abstract Keyword AND incidence OR proportion OR	1

	mortality OR prevalence in All Text AND "Indigenous People" OR "People, Indigenous" OR "Peoples, Indigenous" OR "Native Peoples" OR "Native People" OR "People, Native" OR "Peoples, Native" OR "First Nation Peoples" OR "First Nation People" OR "Nation People, First" OR "First Nation Peoples" OR "First Nation People" OR "First Nation Peoples" OR "Tribes" OR "Natives" OR "Indigenous Population" OR "Indigenous Populations" OR "Indigenous Population" OR "Indigenous Populations" OR "Native-Born" OR "Native Born" in All Text AND Brazil in All Text	
MedNar (10/05/24)	suicide AND indigenous	177
OpenGrey (05/10/24)	suicide AND indigenous	1
Total studies		345

Supplementary material 2

[illegible]

[illegible]

[illegible]

Marín-León, 2012	S	S	S	NC	S	S	S	S	S	8
Souza, 2012	S	S	S	S	S	S	S	S	S	9
Ferreira, 2011	S	S	S	S	S	S	S	S	S	9
Santos, 2010	S	S	S	S	S	S	S	S	S	9
Coloma, 2006	S	S	NC	NC	S	S	S	NC	S	6
Erthal, 2001	S	S	S	S	S	NC	S	NC	S	7
Morgado, 1991	S	S	NC	S	NC	S	S	N	NC	5

Supplementary material 3

First author, year of publication	Location and period of collection	Other Incidence rate per 100.000 inhabitants
Alves, 2024 ⁽⁹⁾	Brazil, 2011 to 2022	Not cited
Palma, 2024 ⁽¹⁴⁾	Brazil, 2010 to 2019	Not mentioned
Amazonas State Health Department, 2024 ⁽¹⁵⁾	Amazonas, 2023	By municipality Amaturá: 40.2; Barcelos: 7.1; Barreirinha: 36.2; Ben. Constant: 56.1; Borba: 0.0; Eirunepé: 35.8; Envira: 79.2; Fonte Boa: 12.8; Humaitá: 0.0; Itamarati: 51.2; Juruá: 82.6; Jutai: 0.0 Lábrea: 8.3; Manaus: 0.0; Parintins: 0.0; S. I. Rio Negro: 14.7 Santo Antônio do Içá: 21.2; São Gabriel da Cachoeira: 35.2; São Paulo de Olivença: 26.3; Tabatinga: 46.4; Tapauá: 0.0; Tefé: 4.9; Tonantins: 9.4; Uarini: 0.0
Secretariat of Health Surveillance and Environment, Ministry of Health, 2024 ⁽¹⁶⁾	Brazil, 2021	Not cited
Araujo, 2023 ⁽¹⁷⁾	Brazil, 2001 to 2017	Age group 10 to 24 years old: 12.77 (in 2001) and 33.8 (in 2015) Per year 2001: 8.53; 2017: 22.04; 2020: 17.57 By region, state, and year

		58.8 in the Midwest (in 2008); 29.55 in the Midwest (in 2013); 2.77 in the North (in 2000); 35.99 in the North (in 2017); 47.7 in Mato Grosso do Sul (in 2013); 105.03 in Mato Grosso do Sul (in 2005); 0.99 in Mato Grosso do Sul (in 2000); 44.94 in MS (in 2014); 44.47 in Roraima (in 2017)
Braga, 2020 ⁽¹⁸⁾	Pará, 2010 to 2015	Standardized rate by age group: 21.1
Macedo, 2020 ⁽¹⁹⁾	Roraima, 2014 to 2017	Not cited
Orellana, 2019 ⁽²⁰⁾	Tabatinga - Amazonas, 2007 to 2011	Standardized 15-24 years: 260
Indigenous Health Secretariat, Brazilian Ministry of Health, 2019 ⁽⁵⁾	Brazil, 2010 to 2017	Per year Year: Rate (n) 2010: 11.02 (78); 2011: 10.99 (79) 2012: 10.21 (74); 2013: 10.74 (79) 2014: 12.14 (91); 2015: 12.91 (98) 2016: 11.09 (85); 2017: 18.42 (141)
Souza, 2019 ⁽²¹⁾	Brazil, 2010 to 2014	By age 10 to 14 years: 11.0
Victal, 2019 ⁽²²⁾	Brazil, 2005 to 2014	By age, in 2010 10 to 14: 10.55; 15 to 19: 31.06; 20 to 29: 19.02; 30 to 39: 15.59; 40 to 49: 4.72; 50 to 59: 1.70; 60 to 69: 2.55; ≥ 70: 0
Lazzarini, 2018 ⁽²³⁾	Dourados - Mato Grosso, 2003 to 2013	Male, by age (95% CI) - 10 to 14: 92.5 (40.2-144.9);

		- 15 to 19: 289.3 (187.5–391.2); - 20 to 24: 275.9 (155.0–396.8); - 25 to 29: 68.2 (1.4–135.1); - 30 to 39: 84.3 (25.9–142.7); - 40 to 49: 55.8 (0.0–118.9); - 50 to 59: 170.9 (21.1–320.7); - 60+: 60.6 (0.0–144.6); Female, by age (95% CI) - 10 to 14: 85.3 (34.9–135.7); - 15 to 19: 56.8 (11.4–102.3); - 20 to 24: 60.8 (7.5–114.0); - 25 to 29: 46.5 (0.0–99.2); - 30 to 39: 30.2 (0.0–64.4); - 40 to 49 years: 36.2 (0.0–86.4); - 50 to 59 years: 62.1 (0.0–148.1); - 60+: 54.8 (0.0–130.7); By ethnicity (95% CI) - Bororo 114.9 (89.3; 140.6); - Ojaguarpi 23.8 (12.5; 35.1); - Panmbi 166.2 (63.2; 269.2); - Panambizinho 217.7 (66.9; 368.6);
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		- Sucos 86.6 (0; 184.6); - Others 33.1 (0; 70.6);
Secretariat of Health Surveillance and Environment, Ministry of Health, 2017 ⁽²⁾	Brazil, 2011 to 2016	Not cited
Souza, 2017 ⁽²⁴⁾	Roraima, 2009 to 2013	Not cited
Orellana, 2015 ⁽²⁵⁾	Mato Grosso do Sul, 2009 to 2011	By age - 15 to 24: 135.8 (95% CI: 48.2; 154.7) By sex and age - Women aged 10-14: 38.3 (95% CI 25.7-56.1)
Machado, 2015 ⁽²⁶⁾	Brazil, 2000 to 2012	Not cited
Souza, 2013 ⁽²⁷⁾	Amazonas, 2006 to 2010	Not cited
Marín-León L, 2012 ⁽²⁸⁾	Brazil, 2004 to 2010	Not mentioned
Souza, 2012 ⁽²⁹⁾	São Gabriel da Cachoeira, Amazonas, 2000 to 2007	Not mentioned
Ferreira, 2011 ⁽³⁰⁾	Mato Grosso do Sul, 2001 to 2007	Total female deaths, by age (Coefficient) < 5: 0 (0); 5-9: 0 (0);

		10-14: 19 (157.7); 15-19: 11 (105.0); 20-24: 1 (9.7); 25-29: 3 (47.9); 30-34: 1 (20.2); 35-39: 0 (0); 40-44: 1 (29.6); 45-49: 0 (0); 50-54: 1 (61.1); 55-59: 0 (0); 60-64: 0 (0); 65-69: 0 (0); 70 or older: 0 (0); Total: 37 (38.6); Total male deaths, by age (Coefficient) < 5: 0 (0); 5-9: 0 (13.9) 10-14: 7 (58.9); 15-19: 33 (339.1); 20-24: 23 (238.9); 25-29: 10 (148.5); 30-34: 8 (147.5); 35-39: 2 (48.1); 40-44: 1 (26.5); 45-49: 1 (41.8); 50-54: 1 (54.5); 55-59: 1 (65.6); 60-64: 0 (0) 65-69: 1 (75.0) 70 or older: 0 (0); Total 90 (92.9); Total deaths, by age (Coefficient) < 5: 0 (0); 5-9: 2 (6.9); 10-14: 26 (108.6); 15-19: 44 (217.7); 20-24: 24 (120.1); 25-29: 10 (100.0); 30-34: 9 (86.7); 35-39: 2 (25.4);
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		40-44: 2 (28.0); 45-49: 1 (23.0); 50-54: 2 (57.6); 55-59: 1 (34.5); 60-64: 0 (0); 65-69: 1 (38.9); 70 or older: 0 (0); Total: 127 (65.9);
Santos, 2010 ⁽³¹⁾	Mato Grosso do Sul, 1998 to 2008	Not cited
Coloma, 2006 ⁽³²⁾	Mato Grosso do Sul, 2000-2005	Per year - 2000: 94.9 - 2001: 82.9 - 2002: 106.8 - 2003: 99.4 Women: 5-9 years: 0; 10-14 years: 200; 15-19 years: 300, 20-24 years: 45, 25-29 years: 50, 30-34 years: 0, 35+: 49. Men: 5-9 years: 0; 10-14 years: 220; 15-19 years: 750; 20-24 years: 310; 25-29 years: 150; 30-34 years: 0. Note: these are estimates, not exact values, as they were taken from a graph.
Erthal, 2001 ⁽³³⁾	Amazonas, 1990 to 1997	Not cited
Morgado, 1991 ⁽³⁴⁾	Location not specified, 1987 to 1991	Not cited