

**Asthma - child prevalence by State, County, Child Age Group, Child DOH Race-Ethnicity, Child Gender, for the Year(s) -
2005-2007, 2006-2008, 2007-2009, 2008-2010**

*Note: Weighted numbers (#) represent 3-yr averages, percentages and 95% confidence intervals; Respondents aged 18 years and older;
n/r (Not Reportable) - If the unweighted total responses for a dimension (row) is <50 that row will not be shown; n/a (Not Available) - Not
asked of a subset of respondents*

The trend analysis report shows the trend for the selected health variable over selected years in a table and a graph. Estimated Population: This number is a weighted representation of the population who responded to a particular question in the survey. For most questions the eligible population will be the entire adult population. For some secondary questions only a subset of the population was asked the question. For example, all survey participants were asked if they had diabetes, but only those who answered yes were asked if they use insulin. If a dimension value is unknown for a particular survey record, that record will not be included in the counts for that particular dimension.

For documentation on other terms and coding in this report, please go to the following links

[Click here to access BRFSS documentation](#)

[Click here to access DOH Race-Ethnicity coding](#)

[Click here to access The Hawai'i Data Guide](#)

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**For questions about this report, please contact
The Hawaii Health Data Warehouse**

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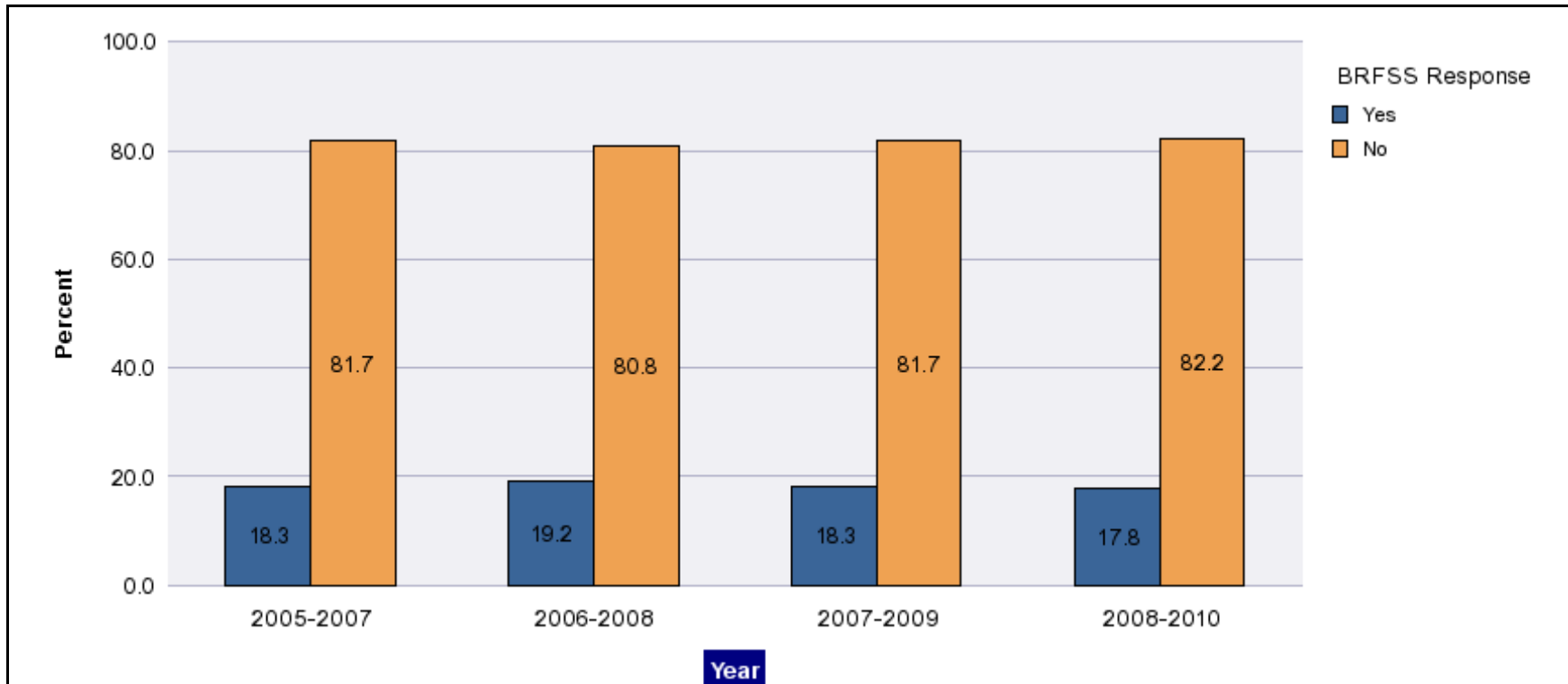
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Year	Yes			No			Estimated Population (3-Yr Avg)
	#	%	C.I.(95%)	#	%	C.I.(95%)	#
2005-2007	55,100	18.3	16.9 - 19.7	246,100	81.7	80.3 - 83.1	301,200
2006-2008	57,300	19.2	17.9 - 20.4	241,500	80.8	79.6 - 82.1	298,800
2007-2009	53,600	18.3	17.1 - 19.5	239,500	81.7	80.5 - 82.9	293,100
2008-2010	51,100	17.8	16.6 - 19.1	235,100	82.2	80.9 - 83.4	286,100

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Year: 2008-2010

State	Yes			No			Estimated Population (3-Yr Avg)
	#	%	C.I. (95%)	#	%	C.I. (95%)	#
Hawaii State	51,100	17.8	16.6 - 19.1	235,100	82.2	80.9 - 83.4	286,100

County	Yes			No			Estimated Population (3-Yr Avg)
	#	%	C.I. (95%)	#	%	C.I. (95%)	#
Hawaii	8,600	21.4	18.6 - 24.2	31,700	78.6	75.8 - 81.4	40,300
Honolulu	33,400	16.7	15.1 - 18.4	166,300	83.3	81.6 - 84.9	199,700
Kauai	2,700	18.8	14.8 - 22.9	11,700	81.2	77.1 - 85.2	14,400
Maui	6,300	19.8	17.1 - 22.6	25,400	80.2	77.4 - 82.9	31,700

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Year: 2008-2010

Child Age Group	Yes			No			Estimated Population (3-Yr Avg)
	#	%	C.I. (95%)	#	%	C.I. (95%)	#
0-4	8,600	11.0	8.8 - 13.1	70,000	89.0	86.9 - 91.2	78,600
5-9	16,400	21.3	18.4 - 24.2	60,700	78.7	75.8 - 81.6	77,200
10-14	13,300	20.5	17.9 - 23.1	51,400	79.5	76.9 - 82.1	64,700
15-17	10,100	20.5	17.5 - 23.5	39,100	79.5	76.5 - 82.5	49,100

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Year: 2008-2010

Child DOH Race-Ethnicity	Yes			No			Estimated Population (3-Yr Avg)
	#	%	C.I. (95%)	#	%	C.I. (95%)	#
Caucasian	11,600	13.2	11.3 - 15.1	75,900	86.8	84.9 - 88.7	87,500
Hawaiian	13,800	24.7	21.2 - 28.2	42,000	75.3	71.8 - 78.8	55,700
Filipino	8,500	19.1	15.7 - 22.4	36,100	80.9	77.6 - 84.3	44,600
Japanese	8,100	18.0	15.1 - 21.0	36,900	82.0	79.0 - 84.9	45,000
All Others	8,800	17.2	14.0 - 20.4	42,200	82.8	79.6 - 86.0	51,000

Child Gender	Yes			No			Estimated Population (3-Yr Avg)
	#	%	C.I. (95%)	#	%	C.I. (95%)	#
Boy	31,200	21.3	19.4 - 23.2	115,100	78.7	76.8 - 80.6	146,300
Girl	19,800	14.3	12.7 - 16.0	118,100	85.7	84.0 - 87.3	137,800

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Year: 2007-2009

State	Yes			No			Estimated Population (3-Yr Avg)
	#	%	C.I. (95%)	#	%	C.I. (95%)	#
Hawaii State	53,600	18.3	17.1 - 19.5	239,500	81.7	80.5 - 82.9	293,100

County	Yes			No			Estimated Population (3-Yr Avg)
	#	%	C.I. (95%)	#	%	C.I. (95%)	#
Hawaii	9,700	22.7	19.9 - 25.5	32,900	77.3	74.5 - 80.1	42,600
Honolulu	35,100	17.2	15.6 - 18.8	168,800	82.8	81.2 - 84.4	203,900
Kauai	2,600	17.8	14.0 - 21.5	12,200	82.2	78.5 - 86.0	14,900
Maui	6,200	19.5	16.8 - 22.2	25,500	80.5	77.8 - 83.2	31,700

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Year: 2007-2009

Child Age Group	Yes			No			Estimated Population (3-Yr Avg)
	#	%	C.I. (95%)	#	%	C.I. (95%)	#
0-4	9,200	10.6	8.6 - 12.6	77,000	89.4	87.4 - 91.4	86,200
5-9	16,900	21.7	19.0 - 24.4	61,200	78.3	75.6 - 81.0	78,100
10-14	15,100	22.2	19.8 - 24.7	52,900	77.8	75.3 - 80.2	68,000
15-17	10,200	20.4	17.5 - 23.2	40,100	79.6	76.8 - 82.5	50,300

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Year: 2007-2009

Child DOH Race-Ethnicity	Yes			No			Estimated Population (3-Yr Avg)
	#	%	C.I. (95%)	#	%	C.I. (95%)	#
Caucasian	14,500	16.2	14.2 - 18.3	74,900	83.8	81.7 - 85.8	89,400
Hawaiian	13,300	23.1	19.9 - 26.2	44,300	76.9	73.8 - 80.1	57,600
Filipino	9,300	19.4	16.2 - 22.6	38,500	80.6	77.4 - 83.8	47,800
Japanese	8,200	17.7	14.9 - 20.5	38,200	82.3	79.5 - 85.1	46,400
All Others	7,900	15.9	13.0 - 18.8	42,000	84.1	81.2 - 87.0	49,900

Child Gender	Yes			No			Estimated Population (3-Yr Avg)
	#	%	C.I. (95%)	#	%	C.I. (95%)	#
Boy	32,800	21.7	19.9 - 23.6	118,300	78.3	76.4 - 80.1	151,100
Girl	20,700	14.7	13.1 - 16.3	120,200	85.3	83.7 - 86.9	140,900

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Year: 2006-2008

State	Yes			No			Estimated Population (3-Yr Avg)
	#	%	C.I. (95%)	#	%	C.I. (95%)	#
Hawaii State	57,300	19.2	17.9 - 20.4	241,500	80.8	79.6 - 82.1	298,800

County	Yes			No			Estimated Population (3-Yr Avg)
	#	%	C.I. (95%)	#	%	C.I. (95%)	#
Hawaii	9,900	22.9	20.1 - 25.6	33,400	77.1	74.4 - 79.9	43,300
Honolulu	38,100	18.4	16.8 - 20.0	169,400	81.6	80.0 - 83.2	207,600
Kauai	2,900	19.3	15.4 - 23.2	12,300	80.7	76.8 - 84.6	15,300
Maui	6,300	19.2	16.5 - 21.9	26,300	80.8	78.1 - 83.5	32,600

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Year: 2006-2008

Child Age Group	Yes			No			Estimated Population (3-Yr Avg)
	#	%	C.I. (95%)	#	%	C.I. (95%)	#
0-4	9,700	12.0	9.9 - 14.1	71,200	88.0	85.9 - 90.1	80,900
5-9	18,100	22.9	20.2 - 25.7	60,900	77.1	74.3 - 79.8	79,000
10-14	16,800	22.5	20.0 - 25.0	57,800	77.5	75.0 - 80.0	74,600
15-17	10,500	20.3	17.5 - 23.0	41,300	79.7	77.0 - 82.5	51,800

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Year: 2006-2008

Child DOH Race-Ethnicity	Yes			No			Estimated Population (3-Yr Avg)
	#	%	C.I. (95%)	#	%	C.I. (95%)	#
Caucasian	15,600	17.3	15.2 - 19.4	74,400	82.7	80.6 - 84.8	90,000
Hawaiian	13,700	24.3	21.0 - 27.5	42,800	75.7	72.5 - 79.0	56,400
Filipino	9,600	19.4	16.3 - 22.5	39,900	80.6	77.5 - 83.7	49,500
Japanese	7,500	16.7	14.0 - 19.5	37,500	83.3	80.5 - 86.0	45,100
All Others	8,700	18.1	14.8 - 21.4	39,400	81.9	78.6 - 85.2	48,100

Child Gender	Yes			No			Estimated Population (3-Yr Avg)
	#	%	C.I. (95%)	#	%	C.I. (95%)	#
Boy	34,600	22.6	20.8 - 24.4	118,400	77.4	75.6 - 79.2	153,000
Girl	22,500	15.6	13.9 - 17.3	122,100	84.4	82.7 - 86.1	144,600

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Year: 2005-2007

State	Yes			No			Estimated Population (3-Yr Avg)
	#	%	C.I. (95%)	#	%	C.I. (95%)	#
Hawaii State	55,100	18.3	16.9 - 19.7	246,100	81.7	80.3 - 83.1	301,200

County	Yes			No			Estimated Population (3-Yr Avg)
	#	%	C.I. (95%)	#	%	C.I. (95%)	#
Hawaii	9,200	21.0	18.1 - 23.9	34,500	79.0	76.1 - 81.9	43,600
Honolulu	37,300	17.9	16.0 - 19.7	171,600	82.1	80.3 - 84.0	208,800
Kauai	3,100	20.2	15.8 - 24.6	12,400	79.8	75.4 - 84.2	15,500
Maui	5,500	16.6	13.7 - 19.4	27,700	83.4	80.6 - 86.3	33,200

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Year: 2005-2007

Child Age Group	Yes			No			Estimated Population (3-Yr Avg)
	#	%	C.I. (95%)	#	%	C.I. (95%)	#
0-4	9,700	11.8	9.4 - 14.2	72,200	88.2	85.8 - 90.6	81,900
5-9	17,500	22.0	19.0 - 25.1	62,100	78.0	74.9 - 81.0	79,600
10-14	15,900	20.9	18.2 - 23.5	60,300	79.1	76.5 - 81.8	76,300
15-17	10,100	19.1	15.7 - 22.5	42,800	80.9	77.5 - 84.3	52,900

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Year: 2005-2007

Child DOH Race-Ethnicity	Yes			No			Estimated Population (3-Yr Avg)
	#	%	C.I. (95%)	#	%	C.I. (95%)	#
Caucasian	13,800	15.5	13.3 - 17.6	75,500	84.5	82.4 - 86.7	89,300
Hawaiian	13,000	22.8	19.2 - 26.5	44,000	77.2	73.5 - 80.8	57,000
Filipino	10,300	20.2	16.4 - 24.0	40,800	79.8	76.0 - 83.6	51,100
Japanese	7,100	16.4	13.2 - 19.6	35,900	83.6	80.4 - 86.8	43,000
All Others	8,700	16.9	13.2 - 20.5	43,000	83.1	79.5 - 86.8	51,700

Child Gender	Yes			No			Estimated Population (3-Yr Avg)
	#	%	C.I. (95%)	#	%	C.I. (95%)	#
Boy	33,200	21.5	19.4 - 23.6	121,400	78.5	76.4 - 80.6	154,600
Girl	21,700	14.9	13.1 - 16.7	124,000	85.1	83.3 - 86.9	145,800