

Tables

Table 1

Population Counts of Census Designated Places (CDPs) Within Municipalities, Guam (Source: 2010 U.S. Census)

Municipality	Census Designated Place	Population
Agana Heights	Agana Heights CDP	3,718
	Naval Hospital	90
Agat	Agat CDP	3,677
Asan-Maina	Asan	853
	Maina	809
	Nimitz Hill Annex	180
Barrigada	Barrigada CDP	4,058
	Barrigada Heights	2,435
Chalan Pago-Ordot	Chalan Pago	3,578
	Ordot	3,244
Dededo	Astumbo	3,764
	Dededo CDP	6,386
	Liguan	5,735
	Machananao East	3,810
	Machananao West	2,675
	Machanao	5,930
	Macheche	3,356
	Mogfog	2,987
	Ukudu	806
	Wusstig	2,818
	Y Papao	5,370
	Y Sengsong	1,084
Finegay Station	211	
Hagatna	Hagatna CDP	1,051
Inarajan	Inarajan	795
	Malojloj	1,224
Mangilao	Adacao	4,184
	Mangilao CDP	5,805
	Pågat	1,645
	University of Guam	3,498
Merizo	Merizo CDP	1,774
Mongmong-Toto-Maite	Maite	707
	Mongmong	3,667
	Toto	2,235
Piti	Nimitz Hill	702
	Piti CDP	584
Santa Rita	Apra Harbor	2,471
	Santa Rita	1,118
Sinajana	Afame	758
	Sinajana CDP	1,829
Talofof	Ipan	901

	Talofofo CDP	2,086
Tamuning	Apotgan	5,928
	Harmon Industrial Park	2,006
	Oka	2,142
	Tamuning CDP	3,794
	Tumon	2,230
	Upper Tumon	3,566
Umatac	Umatac CDP	548
Yigo	Anao	1,952
	Anderson Air Force Base	3,061
	Chaguian	3,062
	Mataguac	5,520
	North Gayinero	3,349
	South Gayinero	3,568
Yona	Windward Hills	2,257
	Yona CDP	3,235

Table 2

*Census Variables Used to Describe Themes Reflective of the Social Vulnerability Index, Guam
(Source: 2010 U.S. Census)*

Theme	Variable
Theme 1: Socioeconomic status	Below poverty level Unemployment Income No high school diploma
Theme 2: Household composition & disability	Aged 65 or older Aged 17 or younger Older than 5 with a disability Single-parent households
Theme 3: Minority status and language	Minority Speaks no English
Theme 4: Adjusted minority status and language	Modified minority variable (not CHamoru or Filipino)* Speaks no English
Theme 4: Housing type and transportation	Multi-unit structures Mobile homes Crowding No vehicle Group quarters
Theme 5: Housing	No public water No public sewer No concrete wall No concrete roof No concrete foundation No plumbing No kitchen No telephone services
Theme 6: Communication	No battery-operated radio No computer or laptop No internet services
Theme 7: Other indicators	Not U.S. citizen Foreign-born Send remittances abroad No health insurance

Table 3

Variables Included in the Guam-Specific Themes Used to Adjust Calculations of the Social Vulnerability Index, Guam (Source: 2010 U.S. Census)

Theme	Variable	Percent
Minority status and language**	Modified minority (not CHamoru or Filipino)	33.6
	Speaks no English	0.39
Housing*	No public water	0.61
	No public sewer	32.5
	No concrete wall	6.65
	No concrete roof	11.3
	No concrete foundation	1.76
	No plumbing	12.1
	No kitchen	11.5
	No telephone services	4.15
Communication*	No battery-operated radio	22.3
	No computer or laptop	25.3
	No internet services	7.06
Other indicators	Not U.S. citizen**	12.8
	Foreign-born**	20.4
	Send remittances abroad*	27.6
	No health insurance**	17.1

*Percent of total households. **Percent of the total population.

Table 4

Social Vulnerability Index (SVI) and Percentile Rank for the 19 Municipalities in Guam Stratified by Methodology (Source: 2010 U.S. Census)

CDC Methodology			Adjusted Methodology*		
Rank	SVI	Municipality	Rank	SVI	Municipality
1	1.00	Agat	1	1.00	Agat
2	0.94	Merizo	2	0.94	Dededo
3	0.89	Hagatna	3	0.89	Yigo
4	0.83	Mongmong-Toto-Maite	4	0.83	Hagatna
5	0.78	Dededo	5	0.78	Umatac
6	0.72	Mangilao	6	0.72	Mangilao
7	0.67	Umatac	7	0.67	Merizo
8	0.61	Yigo	8	0.61	Mongmong-Toto-Maite
9	0.56	Sinajana	9	0.56	Inarajan
10	0.50	Yona	10	0.50	Chalan Pago-Ordot
11	0.44	Barrigada	11	0.44	Barrigada
12	0.39	Inarajan	12	0.39	Yona
13	0.33	Chalan Pago-Ordot	13	0.33	Sinajana
14	0.28	Agana Heights	14	0.28	Talofofu
15	0.22	Talofofu	15	0.22	Tamuning
16	0.17	Tamuning	16	0.17	Agana Heights
17	0.11	Asan-Maina	17	0.11	Asan-Maina
18	0.06	Santa Rita	18	0.06	Santa Rita
19	0.00	Piti	19	0.00	Piti

*Adjusted for Guam definition of minority (neither CHamoru nor Filipino) and additional Guam-specific variables on housing, connection, and other minority indicators.

CDC = Centers for Disease Control and Prevention

Table 5

Social Vulnerability Index (SVI) and Percentile Rank for the 57 Census Designated Places (CDPs) in Guam Stratified by Methodology (Source: 2010 U.S. Census)

CDC Methodology			Adjusted Methodology*		
Rank	SVI	CDP	Rank	SVI	CDP
1	1.00	Ukudu	1	1.00	Ukudu
2	0.98	Astumbo	2	0.98	Chaguian
3	0.96	Y Sengsong	3	0.96	Y Sengsong
4	0.95	Pagat	4	0.95	Pagat
5	0.93	Toto	5	0.93	Astumbo
6	0.91	Machanao	6	0.91	Macheche
7	0.89	Chaguian	7	0.89	Machananao East
8	0.88	Merizo CDP	8	0.88	Hagatna CDP
9	0.86	Macheche	9	0.86	Anao
10	0.84	Yona CDP	10	0.84	Machanao
11	0.82	Hagatna CDP	11	0.82	Machananao West
12	0.80	Machananao East	12	0.80	Mataguac
13	0.79	Agat CDP	13	0.79	Toto
14	0.77	Mataguac	14	0.77	Dededo CDP
15	0.75	Dededo CDP	15	0.75	Wusstig
16	0.73	Machananao West	16	0.73	North Gayinero
17	0.71	Santa Rita CDP	17	0.71	Agat CDP
18	0.70	Mongmong	18	0.70	Yona CDP
19	0.68	Umatac CDP	19	0.68	Umatac CDP
20	0.66	Mangilao CDP	20	0.66	Ordot
21	0.64	University of Guam	21	0.64	Harmon Industrial Park
22	0.63	Harmon Industrial Park	22	0.63	Merizo CDP
23	0.61	Wusstig	23	0.61	Mongmong
24	0.59	Talofof CDP	24	0.59	Talofof CDP
25	0.57	Anao	25	0.57	Mangilao CDP
26	0.55	Ordot	26	0.55	Mogfog
27	0.54	Upper Tumon	27	0.54	Malojloj
28	0.52	North Gayinero	28	0.52	Inarajan CDP
29	0.50	Malojloj	29	0.50	Liguan
30	0.48	Mogfog	30	0.48	Adacao
31	0.46	Liguan	31	0.46	Upper Tumon
32	0.45	Sinajana CDP	32	0.45	University of Guam
33	0.43	Barrigada CDP	33	0.43	Santa Rita CDP
34	0.41	Tamuning CDP	34	0.41	South Gayinero
35	0.39	Afame	35	0.39	Piti CDP
36	0.38	South Gayinero	36	0.38	Apotgan
37	0.36	Agana Heights CDP	37	0.36	Tamuning CDP
38	0.34	Inarajan CDP	38	0.34	Afame
39	0.32	Piti CDP	39	0.32	Barrigada CDP
40	0.30	Adacao	40	0.30	Barrigada Heights
41	0.29	Apotgan	41	0.29	Maite
42	0.27	Barrigada Heights	42	0.27	Agana Heights CDP
43	0.25	Maite	43	0.25	Chalan Pago
44	0.23	Asan	44	0.23	Sinajana CDP

45	0.21	Maina	45	0.21	Tumon
46	0.20	Chalan Pago	46	0.20	Asan
47	0.16	Oka	47	0.18	Maina
47	0.16	Windward Hills	47	0.16	Oka
49	0.14	Tumon	49	0.14	Windward Hills
50	0.13	Andersen Air Force Base	50	0.13	Ipan
51	0.11	Y Papao	51	0.11	Y Papao
52	0.09	Ipan	52	0.09	Naval Hospital
53	0.07	Nimitz Hill Annex	53	0.07	Andersen Air Force Base
54	0.05	Apra Harbor	54	0.05	Nimitz Hill Annex
55	0.04	Naval Hospital	55	0.04	Finegayan Station
56	0.02	Finegayan Station	56	0.02	Apra Harbor
57	0.00	Nimitz Hill	57	0.00	Nimitz Hill

*Adjusted for Guam definition of minority (neither CHamoru nor Filipino) and additional Guam-specific variables on housing, connection, and other minority indicators.

CDC = Centers for Disease Control and Prevention

Table 6

Spearman's Rank Correlations Between the Social Vulnerability Index (SVI) and the Behavioral Risk Factor Surveillance System (BRFSS) Variables, Guam (Sources: 2010 U.S. Census and 2011 BRFSS)

BRFSS Variables	SVI CDC	SVI Adjusted*
Binge drinking	-0.571**	-0.496
Current asthma	0.318	0.354
Current smoker	-0.121	-0.271
Fair or poor general health	0.471	0.354
Obese	0.264	0.093

*Adjusted for Guam definition of minority (neither CHamoru nor Filipino) and additional Guam-specific variables on housing, connection, and other minority indicators. **Significant at 0.05 level. CDC = Centers for Disease Control and Prevention

Table 7

Themes of Feedback From Stakeholders at a Community Meeting

Major theme	Subthemes
1. Participants found the data informative.	1a. Pertinent for resource allocation based on community needs
	1b. Visual representation of the data
2. Participants found the SVI data useful and applicable in their respective work capacities.	2a. Data-driven policy
	2b. Program development
	2c. Grant writing and application
	2d. Public health and social services
	2e. Community planning and resource response
3. Participants expressed a range of recommendations on how the data can be appropriately adapted and disseminated to the community.	3a. Provide more details on data maps
	3b. Ensure various levels of access to data
	3d. Utilize mixed media to disseminate data
	3e. Include interactive features for increased engagement and comprehension of data