

National Coral Reef Monitoring (NCRMP) Socioeconomic Component

Hawaii 2020 Data Dictionary

<i>surveyID</i>				
		Value	Count	Percent
Attributes	Label	Unique identifier for each respondent		
	Type	Numeric		
N	Valid		2700	100.00%
	No response		0	0.00%
<i>weight</i>				
		Value	Count	Percent
Attributes	Label	Calculated survey weight for each respondent		
	Type	Numeric		
N	Valid			
Central tendency and dispersion	Mean	410.40		
	Standard deviation	662.49		
	25%	9.95		
	50%	134.95		
	75%	417.64		
<i>strata</i>				
		Value	Count	Percent
Attributes	Label	Strata of residence for each respondent		
	Type	Numeric		
N	Valid		2700	100.00%
Valid Values	East Hawai'i	1	285	10.56%
	West Hawai'i	2	368	13.63%
	O'ahu	3	686	25.41%
	Maui	4	687	25.44%
	Kauai	5	674	24.96%

Participation in Reef Activities

The following eleven variables are in response to the question “How often do you participate in each of the following activities in Hawai‘i?”

act_7a				
		Value	Count	Percent
Attributes	Label	Q1. Frequency of fishing from boat or shore using a pole, line, or net		
	Type	Numeric		
N	Valid		2678	99.19%
	No response	777	22	0.81%
Valid Values	Never	1	1866	69.68%
	Once a month or less	2	589	21.99%
	2-3 times a month	3	118	4.41%
	4 times a month or more	4	105	3.92%
act_7b				
		Value	Count	Percent
Attributes	Label	Q1. Frequency of spearfishing (three-prong, spear gun)		
	Type	Numeric		
N	Valid		2655	98.33%
	No response	777	45	1.67%
Valid Values	Never	1	2328	87.68%
	Once a month or less	2	236	8.89%
	2-3 times a month	3	50	1.88%
	4 times a month or more	4	41	1.54%

act_8				
		Value	Count	Percent
Attributes	Label	Q1. Frequency of gathering of marine resources (seaweed, opihi, sea urchins, etc.)		
	Type	Numeric		
N	Valid		2653	98.26%
	No response	777	47	1.74%
Valid Values	Never	1	2193	82.66%
	Once a month or less	2	389	14.66%
	2-3 times a month	3	35	1.32%
	4 times a month or more	4	36	1.36%
act_1				
		Value	Count	Percent
Attributes	Label	Q1. Frequency of swimming/wading		
	Type	Numeric		
N	Valid		2673	99.00%
	No response	777	27	1.00%
Valid Values	Never	1	511	19.12%
	Once a month or less	2	966	36.14%
	2-3 times a month	3	457	17.10%
	4 times a month or more	4	739	27.65%

act_2				
		Value	Count	Percent
Attributes	Label	Q1. Frequency of snorkeling		
	Type	Numeric		
N	Valid		2645	97.96%
	No response	777	55	2.04%
Valid Values	Never	1	1057	39.96%
	Once a month or less	2	1011	38.22%
	2-3 times a month	3	292	11.04%
	4 times a month or more	4	285	10.78%
act_3				
		Value	Count	Percent
Attributes	Label	Q1. Frequency of diving for recreation (SCUBA, free diving)		
	Type	Numeric		
N	Valid		2611	96.70%
	No response	777	89	3.30%
Valid Values	Never	1	1984	75.99%
	Once a month or less	2	406	15.55%
	2-3 times a month	3	95	3.64%
	4 times a month or more	4	126	4.83%

act_4				
		Value	Count	Percent
Attributes	Label	Q1. Frequency of waterside or beach camping		
	Type	Numeric		
N	Valid		2613	96.78%
	No response	777	87	3.22%
Valid Values	Never	1	1590	60.85%
	Once a month or less	2	878	33.60%
	2-3 times a month	3	84	3.21%
	4 times a month or more	4	61	2.33%
act_5				
		Value	Count	Percent
Attributes	Label	Q1. Frequency of beach recreation (beach sports, picnics)		
	Type	Numeric		
N	Valid		2655	98.33%
	No response	777	45	1.67%
Valid Values	Never	1	508	19.13%
	Once a month or less	2	1088	40.98%
	2-3 times a month	3	463	17.44%
	4 times a month or more	4	596	22.45%

act_6				
		Value	Count	Percent
Attributes	Label	Q1. Frequency of boating (sail, motor)		
	Type	Numeric		
N	Valid		2605	96.48%
	No response	777	95	3.52%
Valid Values	Never	1	1837	70.52%
	Once a month or less	2	608	23.34%
	2-3 times a month	3	69	2.65%
	4 times a month or more	4	91	3.49%
act_19				
		Value	Count	Percent
Attributes	Label	Q1. Frequency of canoeing/kayaking		
	Type	Numeric		
N	Valid		2614	96.81%
	No response	777	86	3.19%
Valid Values	Never	1	1720	65.80%
	Once a month or less	2	649	24.83%
	2-3 times a month	3	113	4.32%
	4 times a month or more	4	132	5.05%

act_J10				
		Value	Count	Percent
Attributes	Label	Q1. Frequency of wave riding (surfing, kite surfing, stand up paddle boarding, body boarding, bodysurfing.)		
	Type	Numeric		
N	Valid		2642	97.85%
	No response	777	58	2.15%
Valid Values	Never	1	1472	55.72%
	Once a month or less	2	592	22.41%
	2-3 times a month	3	205	7.76%
	4 times a month or more	4	373	14.12%

Coral Reef Reliance / Cultural Importance of Reefs

The following five variables are in response to the question “How often do you fish for, harvest, or catch marine resources for each of the following reasons in Hawai‘i?”

<i>fish_1</i> (asked among those who fish or gather marine resources)				
		Value	Count	Percent
Attributes	Label	Q2. To feed myself and my family or household		
	Type	Numeric		
N	Valid		939	34.78%
	Not asked	999	1752	64.89%
	No response	777	9	0.33%
Valid Values	Never	1	191	20.34%
	Rarely	2	248	26.41%
	Sometimes	3	260	27.69%
	Frequently	4	99	10.54%
	Always	5	141	15.02%
<i>fish_2</i> (asked among those who fish or gather marine resources)				
		Value	Count	Percent
Attributes	Label	Q2. To sell		
	Type	Numeric		
N	Valid		918	34.00%
	Not asked	999	1752	64.89%
	No response	777	30	1.11%
Valid Values	Never	1	836	91.07%
	Rarely	2	46	5.01%
	Sometimes	3	27	2.94%
	Frequently	4	5	0.54%
	Always	5	4	0.44%

<i>fish_3</i> (asked among those who fish or gather marine resources)				
		Value	Count	Percent
Attributes	Label	Q2. To give to extended family members and/or friends		
	Type	Numeric		
N	Valid		931	34.48%
	Not asked	999	1752	64.89%
	No response	777	17	0.63%
Valid Values	Never	1	358	38.45%
	Rarely	2	196	21.05%
	Sometimes	3	243	26.10%
	Frequently	4	74	7.95%
	Always	5	60	6.44%
<i>fish_4</i> (asked among those who fish or gather marine resources)				
		Value	Count	Percent
Attributes	Label	Q2. For fun		
	Type	Numeric		
N	Valid		935	34.63%
	Not asked	999	1752	64.89%
	No response	777	13	0.48%
Valid Values	Never	1	255	27.27%
	Rarely	2	255	27.27%
	Sometimes	3	227	24.28%
	Frequently	4	83	8.88%
	Always	5	115	12.30%

<i>fish_5</i> (asked among those who fish or gather marine resources)				
		Value	Count	Percent
Attributes	Label	Q2. For special occasions and cultural events		
	Type	Numeric		
N	Valid		929	34.41%
	Not asked	999	1752	64.89%
	No response	777	19	0.70%
Valid Values	Never	1	456	49.09%
	Rarely	2	203	21.85%
	Sometimes	3	191	20.56%
	Frequently	4	42	4.52%
	Always	5	37	3.98%

The following five variables are in response to the question “How often do you fish for, harvest, or catch the following in Hawai‘i?”

<i>type_1</i> (asked among those who fish or gather marine resources)				
		Value	Count	Percent
Attributes	Label	Q3. Surgeonfish (e.g., manini, palani, kala)		
	Type	Numeric		
N	Valid		935	34.63%
	Not asked	999	1752	64.89%
	No response	777	13	0.48%
Valid Values	Never	1	515	55.08%
	Rarely	2	222	23.74%
	Sometimes	3	151	16.15%
	Frequently	4	38	4.06%
	Always	5	9	0.96%
<i>type_2</i> (asked among those who fish or gather marine resources)				
		Value	Count	Percent
Attributes	Label	Q3. Parrotfish (e.g. uhu)		
	Type	Numeric		
N	Valid		930	34.44%
	Not asked	999	1752	64.89%
	No response	777	18	0.67%
Valid Values	Never	1	561	60.32%
	Rarely	2	220	23.66%
	Sometimes	3	124	13.33%
	Frequently	4	21	2.26%
	Always	5	4	0.43%

type_3 (asked among those who fish or gather marine resources)				
		Value	Count	Percent
Attributes	Label	Q3. Jacks (e.g. papio, ulua)		
	Type	Numeric		
N	Valid		935	34.63%
	Not asked	999	1752	64.89%
	No response	777	13	0.48%
Valid Values	Never	1	370	39.57%
	Rarely	2	237	25.35%
	Sometimes	3	234	25.03%
	Frequently	4	68	7.27%
	Always	5	26	2.78%
type_4 (asked among those who fish or gather marine resources)				
		Value	Count	Percent
Attributes	Label	Q3. Octopus (tako)		
	Type	Numeric		
N	Valid		935	34.63%
	Not asked	999	1752	64.89%
	No response	777	13	0.48%
Valid Values	Never	1	565	60.43%
	Rarely	2	189	20.21%
	Sometimes	3	130	13.90%
	Frequently	4	36	3.85%
	Always	5	15	1.60%

type_5 (asked among those who fish or gather marine resources)				
		Value	Count	Percent
Attributes	Label	Q3. Limpets (opihi)		
	Type	Numeric		
N	Valid		931	34.48%
	Not asked	999	1752	64.89%
	No response	777	17	0.63%
Valid Values	Never	1	517	55.53%
	Rarely	2	242	25.99%
	Sometimes	3	137	14.72%
	Frequently	4	28	3.01%
	Always	5	7	0.75%

The following variable is in response to the question “How often do you or your family eat fish/seafood?”

<i>eat_fish</i>				
		Value	Count	Percent
Attributes	Label	Q4. How often do you or your family eat fish/seafood?		
	Type	Numeric		
N	Valid		2699	99.96%
	No response	777	1	0.04%
Valid Values	Never	1	91	3.37%
	Less than once a month	2	286	10.60%
	1 to 3 times a month	3	698	25.86%
	About once a week	4	775	28.71%
	A few times a week	5	807	29.90%
	Everyday	6	42	1.56%

The following variable is in response to the question “How often do you or your family eat locally caught fish that is harvested from coral reefs?”

<i>eat_coral</i> (asked among those who eat fish or seafood)				
		Value	Count	Percent
Attributes	Label	Q5. How often do you or your family eat locally caught fish that is harvested from coral?		
	Type	Numeric		
N	Valid		2593	96.04%
	Not asked	999	92	3.41%
	No response	777	15	0.56%
Valid Values	Never	1	943	36.37%
	Less than once a month	2	892	34.40%
	1 to 3 times a month	3	381	14.69%
	About once a week	4	138	5.32%
	A few times a week	5	82	3.16%
	Everyday	6	3	0.12%
	Not sure	88	154	5.94%

The following five variables are in response to the question “How often do you get fish or seafood that your family eats from the following sources?”

source_1 (asked among those who eat fish or seafood)				
		Value	Count	Percent
Attributes	Label	Q6. Purchased by myself or someone in my household at a store or restaurant		
	Type	Numeric		
N	Valid		2584	95.70%
	Not asked	999	92	3.41%
	No response	777	24	0.89%
Valid Values	Never	1	150	5.80%
	Rarely	2	327	12.65%
	Sometimes	3	889	34.40%
	Frequently	4	774	29.95%
	Always	5	444	17.18%

source_2 (asked among those who eat fish or seafood)				
		Value	Count	Percent
Attributes	Label	Q6. Purchased by myself or someone in my household at a market or roadside vendor		
	Type	Numeric		
N	Valid		2547	94.33%
	Not asked	999	92	3.41%
	No response	777	61	2.26%
Valid Values	Never	1	844	33.14%
	Rarely	2	575	22.58%
	Sometimes	3	674	26.46%
	Frequently	4	319	12.52%
	Always	5	135	5.30%

source_3 (asked among those who eat fish or seafood)				
		Value	Count	Percent
Attributes	Label	Q6. Caught by myself or someone in my household		
	Type	Numeric		
N	Valid		2530	93.70%
	Not asked	999	92	3.41%
	No response	777	78	2.89%
Valid Values	Never	1	1595	63.04%
	Rarely	2	454	17.94%
	Sometimes	3	297	11.74%
	Frequently	4	121	4.78%
	Always	5	63	2.49%
source_4 (asked among those who eat fish or seafood)				
		Value	Count	Percent
Attributes	Label	Q6. Caught by extended family members		
	Type	Numeric		
N	Valid		2516	93.19%
	Not asked	999	92	3.41%
	No response	777	92	3.41%
Valid Values	Never	1	1585	63.00%
	Rarely	2	472	18.76%
	Sometimes	3	360	14.31%
	Frequently	4	72	2.86%
	Always	5	27	1.07%

source_5 (asked among those who eat fish or seafood)				
		Value	Count	Percent
Attributes	Label	Q6. Caught by friends or neighbors		
	Type	Numeric		
N	Valid		2535	93.89%
	Not asked	999	92	3.41%
	No response	777	73	2.70%
Valid Values	Never	1	982	38.74%
	Rarely	2	792	31.24%
	Sometimes	3	623	24.58%
	Frequently	4	107	4.22%
	Always	5	31	1.22%

The following variable is in response to the question “To what extent are coral reef environments unimportant or important to you and your family’s cultural beliefs and practices?”

<i>coral_envi</i>				
Attributes	Label	Value	Count	Percent
		Q7. To what extent are coral reef environments unimportant or important to you and your family’s cultural beliefs and practices?		
	Type	Numeric		
N	Valid		2699	99.96%
	No response	777	1	0.04%
Valid Values	Very unimportant	1	362	13.41%
	Unimportant	2	77	2.85%
	Neither unimportant nor important	3	387	14.34%
	Important	4	682	25.27%
	Very important	5	1191	44.13%

Awareness and knowledge of coral reefs – Threats including climate change.

The following six variables are in response to the statement “Please state the extent to which you disagree or agree with each of the following statements.

value_1				
		Value	Count	Percent
Attributes	Label	Q8. Coral reefs protect Hawai'i from erosion and natural disasters		
	Type	Numeric		
N	Valid		2698	99.93%
	No response	777	2	0.07%
Valid Values	Strongly disagree	1	49	1.82%
	Disagree	2	34	1.26%
	Neither	3	127	4.71%
	Agree	4	652	24.17%
	Strongly agree	5	1692	62.71%
	Not sure	88	144	5.34%
value_2				
		Value	Count	Percent
Attributes	Label	Q8. Coral reefs are only important to fishermen, divers, and snorkelers		
	Type	Numeric		
N	Valid		2696	99.85%
	No response	777	4	0.15%
Valid Values	Strongly disagree	1	1456	54.01%
	Disagree	2	778	28.86%
	Neither	3	118	4.38%
	Agree	4	104	3.86%
	Strongly agree	5	211	7.83%
	Not sure	88	29	1.07%

value_3				
		Value	Count	Percent
Attributes	Label	Q8. Coral reefs in good condition attract tourists to Hawai'i		
	Type	Numeric		
N	Valid		2697	99.89%
	No response	777	3	0.11%
Valid Values	Strongly disagree	1	62	2.30%
	Disagree	2	64	2.37%
	Neither	3	257	9.53%
	Agree	4	945	35.04%
	Strongly agree	5	1277	47.35%
value_4				
		Value	Count	Percent
Attributes	Label	Q8. Coral reefs in good condition provide food for coastal communities to eat		
	Type	Numeric		
N	Valid		2697	99.89%
	No response	777	3	0.11%
Valid Values	Strongly disagree	1	51	1.89%
	Disagree	2	42	1.56%
	Neither	3	167	6.19%
	Agree	4	825	30.59%
	Strongly agree	5	1522	56.43%
	Not sure	88	90	3.33%

value_5				
		Value	Count	Percent
Attributes	Label	Q8. Coral reefs provide economic opportunities to coastal communities		
	Type	Numeric		
N	Valid		2692	99.70%
	No response	777	8	0.30%
Valid Values	Strongly disagree	1	48	1.78%
	Disagree	2	59	2.19%
	Neither	3	286	10.62%
	Agree	4	895	33.25%
	Strongly agree	5	1255	46.62%
	Not sure	88	149	5.53%
value_6				
		Value	Count	Percent
Attributes	Label	Q8. Coral reefs are important to Hawai'i's culture		
	Type	Numeric		
N	Valid		2695	99.81%
	No response	777	5	0.19%
Valid Values	Strongly disagree	1	52	1.93%
	Disagree	2	8	0.30%
	Neither	3	94	3.49%
	Agree	4	572	21.22%
	Strongly agree	5	1925	71.43%
	Not sure	88	44	1.63%

The following eleven variables are in response to the question “How familiar are you with each of the following potential threats facing coral reefs in Hawai‘i?”

<i>threat_1</i>				
		Value	Count	Percent
Attributes	Label	Q9. Climate change		
	Type	Numeric		
N	Valid		2670	98.89%
	No response	777	30	1.11%
Valid Values	Not at all	1	151	5.66%
	Slightly	2	219	8.20%
	Somewhat	3	430	16.10%
	Moderately	4	823	30.82%
	Extremely	5	1047	39.21%
<i>threat_2</i>				
		Value	Count	Percent
Attributes	Label	Q9.Coral bleaching		
	Type	Numeric		
N	Valid		2674	99.04%
	No response	777	26	0.96%
Valid Values	Not at all	1	214	8.00%
	Slightly	2	240	8.98%
	Somewhat	3	398	14.88%
	Moderately	4	797	29.81%
	Extremely	5	1025	38.33%
<i>threat_3</i>				
		Value	Count	Percent
Attributes	Label	Q9.Hurricanes and other natural disasters		
	Type	Numeric		
N	Valid		2672	98.96%
	No response	777	28	1.04%
Valid Values	Not at all	1	201	7.52%
	Slightly	2	298	11.15%
	Somewhat	3	586	21.93%
	Moderately	4	806	30.16%
	Extremely	5	781	29.23%

threat_4				
		Value	Count	Percent
Attributes	Label	Q9.Pollution (stormwater, wastewater, trash/littering)		
	Type	Numeric		
N	Valid		2679	99.22%
	No response	777	21	0.78%
Valid Values	Not at all	1	66	2.46%
	Slightly	2	157	5.86%
	Somewhat	3	361	13.48%
	Moderately	4	847	31.62%
	Extremely	5	1248	46.58%
threat_5				
		Value	Count	Percent
Attributes	Label	Q9. Coastal/urban development		
	Type	Numeric		
N	Valid		2666	98.74%
	No response	777	34	1.26%
Valid Values	Not at all	1	200	7.50%
	Slightly	2	228	8.55%
	Somewhat	3	472	17.70%
	Moderately	4	852	31.96%
	Extremely	5	914	34.28%
threat_6				
		Value	Count	Percent
Attributes	Label	Q9. Invasive species		
	Type	Numeric		
N	Valid		2667	98.78%
	No response	777	33	1.22%
Valid Values	Not at all	1	251	9.41%
	Slightly	2	316	11.85%
	Somewhat	3	531	19.91%
	Moderately	4	845	31.68%
	Extremely	5	724	27.15%

<i>threat_7</i>				
		Value	Count	Percent
Attributes	Label	Q9. Too much fishing and gathering		
	Type	Numeric		
N	Valid		2669	98.85%
	No response	777	31	1.15%
Valid Values	Not at all	1	183	6.86%
	Slightly	2	268	10.04%
	Somewhat	3	529	19.82%
	Moderately	4	825	30.91%
	Extremely	5	864	32.37%
<i>threat_8</i>				
		Value	Count	Percent
Attributes	Label	Q9. Damage from ships and boats		
	Type	Numeric		
N	Valid		2667	98.78%
	No response	777	33	1.22%
Valid Values	Not at all	1	222	8.32%
	Slightly	2	322	12.07%
	Somewhat	3	564	21.15%
	Moderately	4	834	31.27%
	Extremely	5	725	27.18%
<i>threat_J10</i>				
		Value	Count	Percent
Attributes	Label	Q9. Damage to reefs from trampling, standing, etc.		
	Type	Numeric		
N	Valid		2674	99.04%
	No response	777	26	0.96%
Valid Values	Not at all	1	143	5.35%
	Slightly	2	202	7.55%
	Somewhat	3	408	15.26%
	Moderately	4	755	28.23%
	Extremely	5	1166	43.61%

<i>threat_9</i>				
		Value	Count	Percent
Attributes	Label	Q9. Ocean acidification		
	Type	Numeric		
N	Valid		2671	98.93%
	No response	777	29	1.07%
Valid Values	Not at all	1	598	22.39%
	Slightly	2	350	13.10%
	Somewhat	3	536	20.07%
	Moderately	4	619	23.17%
	Extremely	5	568	21.27%
<i>threat_J11</i>				
		Value	Count	Percent
Attributes	Label	Q9. Sunscreen and lotions with chemicals toxic to coral reefs		
	Type	Numeric		
N	Valid		2677	99.15%
	No response	777	23	0.85%
Valid Values	Not at all	1	82	3.06%
	Slightly	2	168	6.28%
	Somewhat	3	358	13.37%
	Moderately	4	842	31.45%
	Extremely	5	1227	45.83%

Perceived Resource Condition

The following five variables are in response to the question “In your opinion, how would you rate the current condition of each of the following marine resources in Hawai‘i?”

<i>current_1</i>				
		Value	Count	Percent
Attributes	Label	Q10. Ocean water quality (clean and clear)		
	Type	Numeric		
N	Valid		2692	99.70%
	No response	777	8	0.30%
Valid Values	Very bad	1	175	6.50%
	Bad	2	577	21.43%
	Neither bad nor good	3	593	22.03%
	Good	4	888	32.99%
	Very good	5	322	11.96%
	Not sure	88	137	5.09%

<i>current_2</i>				
		Value	Count	Percent
Attributes	Label	Q10. Amount of live coral		
	Type	Numeric		
N	Valid		2685	99.44%
	No response	777	15	0.56%
Valid Values	Very bad	1	410	15.27%
	Bad	2	993	36.98%
	Neither bad nor good	3	462	17.21%
	Good	4	400	14.90%
	Very good	5	51	1.90%
	Not sure	88	369	13.74%
<i>current_3</i>				
		Value	Count	Percent
Attributes	Label	Q10. Number of fish		
	Type	Numeric		
N	Valid		2691	99.67%
	No response	777	9	0.33%
Valid Values	Very bad	1	240	8.92%
	Bad	2	790	29.36%
	Neither bad nor good	3	628	23.34%
	Good	4	531	19.73%
	Very good	5	97	3.60%
	Not sure	88	405	15.05%

current_4				
		Value	Count	Percent
Attributes	Label	Q10. Variety of fish		
	Type	Numeric		
N	Valid		2689	99.59%
	No response	777	11	0.41%
Valid Values	Very bad	1	163	6.06%
	Bad	2	590	21.94%
	Neither bad nor good	3	609	22.65%
	Good	4	726	27.00%
	Very good	5	205	7.62%
	Not sure	88	396	14.73%
current_5				
		Value	Count	Percent
Attributes	Label	Q10. Crowding of beaches		
	Type	Numeric		
N	Valid		2685	99.44%
	No response	777	15	0.56%
Valid Values	Very bad	1	634	23.61%
	Bad	2	960	35.75%
	Neither bad nor good	3	682	25.40%
	Good	4	230	8.57%
	Very good	5	61	2.27%
	Not sure	88	118	4.39%

The following five variables are answers to the question “How would you say the condition of each of those same marine resources has changed in the past 10 years in Hawai‘i?”

<i>past_1</i>				
		Value	Count	Percent
Attributes	Label	Q11. Ocean water quality (clean and clear)		
	Type	Numeric		
N	Valid		2658	98.44%
	No response	777	42	1.56%
Valid Values	A lot worse	1	559	21.03%
	Somewhat worse	2	1147	43.15%
	No change	3	491	18.47%
	Somewhat better	4	98	3.69%
	A lot better	5	18	0.68%
	Not sure	88	345	12.98%

<i>past_2</i>				
		Value	Count	Percent
Attributes	Label	Q11. Amount of live coral		
	Type	Numeric		
N	Valid		2660	98.52%
	No response	777	40	1.48%
Valid Values	A lot worse	1	963	36.20%
	Somewhat worse	2	1023	38.46%
	No change	3	147	5.53%
	Somewhat better	4	71	2.67%
	A lot better	5	11	0.41%
	Not sure	88	445	16.73%
<i>past_3</i>				
		Value	Count	Percent
Attributes	Label	Q11. Number of fish		
	Type	Numeric		
N	Valid		2657	98.41%
	No response	777	43	1.59%
Valid Values	A lot worse	1	683	25.71%
	Somewhat worse	2	1085	40.84%
	No change	3	230	8.66%
	Somewhat better	4	70	2.63%
	A lot better	5	18	0.68%
	Not sure	88	571	21.49%

<i>past_4</i>				
		Value	Count	Percent
Attributes	Label	Q11. Variety of fish		
	Type	Numeric		
N	Valid		2657	98.41%
	No response	777	43	1.59%
Valid Values	A lot worse	1	537	20.21%
	Somewhat worse	2	1064	40.05%
	No change	3	380	14.30%
	Somewhat better	4	65	2.45%
	A lot better	5	16	0.60%
	Not sure	88	595	22.39%
<i>past_5</i>				
		Value	Count	Percent
Attributes	Label	Q11. Crowding of beaches		
	Type	Numeric		
N	Valid		2663	98.63%
	No response	777	37	1.37%
Valid Values	A lot worse	1	1141	42.85%
	Somewhat worse	2	945	35.49%
	No change	3	266	9.99%
	Somewhat better	4	42	1.58%
	A lot better	5	16	0.60%
	Not sure	88	253	9.50%

The following variable is the response to the question “In the next 10 years, do you think the condition of the marine resources overall in in Hawai‘i will get worse, stay the same, or improve?”

<i>next_ten</i>				
		Value	Count	Percent
Attributes	Label	Q12. Change in quality of marine resources in next ten years		
	Type	Numeric		
N	Valid		2695	99.81%
	No response	777	5	0.19%
Valid Values	Get worse	1	1859	68.98%
	Stay the same	2	246	9.13%
	Improve	3	229	8.50%
	Not sure	88	361	13.40%

Attitudes Towards Coral Reef Management Strategies and Enforcement

The following variable is the response to the question “Have you heard about the State of Hawaii’s effort to improve management of nearshore marine waters by 2030 (the “30 by 30 initiative”)?”

<i>hawaii_30</i>				
		Value	Count	Percent
Attributes	Label	Q13. Familiarity with the “30 by 30” initiative		
	Type	Numeric		
N	Valid		2685	99.44%
	No response	777	15	0.56%
Valid Values	No, I have not heard about the effort	1	1703	63.43%
	I have heard about the effort, but I do not know much about it	2	811	30.20%
	Yes, I know about the effort	3	171	6.37%

The following variable is the response to the question “Would you oppose or support a statewide effort led by the Division of Aquatic Resources in consultation with local communities to effectively manage 30% of Hawai’i’s nearshore waters by 2030 to build and maintain healthy and abundant reefs and fisheries for Hawai’i’s people?”

<i>hawaii_30s</i>				
		Value	Count	Percent
Attributes	Label	Q14. Support levels for an initiative similar to the Hawaii 30 by 30 initiative		
	Type	Numeric		
N	Valid		2689	99.59%
	No response	777	11	0.41%
Valid Values	Strongly oppose	1	35	1.30%
	Oppose	2	68	2.53%
	Neither support nor oppose	3	370	13.76%
	Support	4	1046	38.90%
	Strongly support	5	1170	43.51%

The following variable is the response to the question “A Marine managed area is an area of the ocean where human activity is typically restricted to protect living, non-living, cultural, and/or historic resources, such as Marine Life Conservation Districts and community based subsistence fishing areas in Hawai’i. How familiar are you with Marine managed areas?”

<i>mma_fam</i>				
		Value	Count	Percent
Attributes	Label	Q15. Familiarity levels for marine managed areas		
	Type	Numeric		
N	Valid		2665	98.70%
	No response	777	35	1.30%
Valid Values	Not at all	1	623	23.38%
	Slightly	2	656	24.62%
	Somewhat	3	709	26.60%
	Moderately	4	477	17.90%
	Extremely	5	200	7.50%

The following seven variables are in response to the statement “Please describe the extent to which you disagree or agree with each of the following statements.”

<i>mma_1</i> (asked among those who are at least “slightly familiar” with Marine Managed Areas)				
		Value	Count	Percent
Attributes	Label	Q16. Marine managed areas protect coral reefs in Hawai’i		
	Type	Numeric		
N	Valid		2029	75.15%
	Not asked	999	658	24.37%
	No response	777	13	0.48%
Valid Values	Strongly disagree	1	29	1.43%
	Disagree	2	25	1.23%
	Neither agree nor disagree	3	151	7.44%
	Agree	4	900	44.36%
	Strongly agree	5	835	41.15%
	Not sure	88	89	4.39%

mma_2 (asked among those who are at least “slightly familiar” with Marine Managed Areas)				
		Value	Count	Percent
Attributes	Label	Q16. Marine managed areas increase the number of fish in Hawai'i		
	Type	Numeric		
N	Valid		2033	75.30%
	Not asked	999	658	24.37%
	No response	777	9	0.33%
Valid Values	Strongly disagree	1	30	1.48%
	Disagree	2	26	1.28%
	Neither agree nor disagree	3	176	8.66%
	Agree	4	900	44.27%
	Strongly agree	5	771	37.92%
	Not sure	88	130	6.39%
mma_3 (asked among those who are at least “slightly familiar” with Marine Managed Areas)				
		Value	Count	Percent
Attributes	Label	Q16. There should be more marine managed areas in Hawai'i		
	Type	Numeric		
N	Valid		2033	75.30%
	Not asked	9999	658	24.37%
	No response	777	9	0.33%
Valid Values	Strongly disagree	1	54	2.66%
	Disagree	2	84	4.13%
	Neither agree nor disagree	3	321	15.79%
	Agree	4	734	36.10%
	Strongly agree	5	700	34.43%
	Not sure	88	140	6.89%

mma_4 (asked among those who are at least “slightly familiar” with Marine Managed Areas)				
		Value	Count	Percent
Attributes	Label	Q16. There has been an economic benefit from the establishment of marine managed areas in Hawai'i		
	Type	Numeric		
N	Valid		2032	75.26%
	Not asked	999	658	24.37%
	No response	777	10	0.37%
Valid Values	Strongly disagree	1	31	1.53%
	Disagree	2	78	3.84%
	Neither agree nor disagree	3	497	24.46%
	Agree	4	660	32.48%
	Strongly agree	5	360	17.72%
	Not sure	88	406	19.98%
mma_5 (asked among those who are at least “slightly familiar” with Marine Managed Areas)				
		Value	Count	Percent
Attributes	Label	Q16. Fishermen's livelihoods have been negatively impacted from the establishment of marine managed areas in Hawai'i		
	Type	Numeric		
N	Valid		2031	75.22%
	Not asked	999	658	24.37%
	No response	777	11	0.41%
Valid Values	Strongly disagree	1	144	7.09%
	Disagree	2	424	20.88%
	Neither agree nor disagree	3	646	31.81%
	Agree	4	298	14.67%
	Strongly agree	5	81	3.99%
	Not sure	88	438	21.57%

mma_6 (asked among those who are at least “slightly familiar” with Marine Managed Areas)				
		Value	Count	Percent
Attributes	Label	Q16. Marine managed areas increase tourism in Hawai'i		
	Type	Numeric		
N	Valid		2031	75.22%
	Not asked	999	658	24.37%
	No response	777	11	0.41%
Valid Values	Strongly disagree	1	53	2.61%
	Disagree	2	178	8.76%
	Neither agree nor disagree	3	574	28.26%
	Agree	4	578	28.46%
	Strongly agree	5	289	14.23%
	Not sure	88	359	17.68%
mma_7 (asked among those who are at least “slightly familiar” with Marine Managed Areas)				
		Value	Count	Percent
Attributes	Label	Q16. I generally support the establishment of marine managed areas in Hawai'i		
	Type	Numeric		
N	Valid		2034	75.33%
	Not asked	999	658	24.37%
	No response	777	8	0.30%
Valid Values	Strongly disagree	1	38	1.87%
	Disagree	2	51	2.51%
	Neither agree nor disagree	3	215	10.57%
	Agree	4	900	44.25%
	Strongly agree	5	762	37.46%
	Not sure	88	68	3.34%

The following seven variables are in response to the statement “Please describe the extent to which you oppose or support each of the following statements to improve the protection of coral reefs in Hawai’i.”

mgmt_2				
		Value	Count	Percent
Attributes	Label	Q17. Limits per person for certain fish species		
	Type	Numeric		
N	Valid		2658	98.44%
	No response	777	42	1.56%
Valid Values	Strongly oppose	1	23	0.87%
	Oppose	2	50	1.88%
	Neither support nor oppose	3	211	7.94%
	Support	4	1085	40.82%
	Strongly support	5	1207	45.41%
	Don’t know	66	82	3.09%

mgmt_1				
		Value	Count	Percent
Attributes	Label	Q17. Stricter control of sources of pollution to preserve water quality		
	Type	Numeric		
N	Valid		2657	98.41%
	No response	777	43	1.59%
Valid Values	Strongly oppose	1	12	0.45%
	Oppose	2	25	0.94%
	Neither support nor oppose	3	102	3.84%
	Support	4	749	28.19%
	Strongly support	5	1744	65.64%
	Don't know	66	25	0.94%
mgmt_3				
		Value	Count	Percent
Attributes	Label	Q17. Efforts to restore damaged coral reefs		
	Type	Numeric		
N	Valid		2656	98.37%
	No response	777	44	1.63%
Valid Values	Strongly oppose	1	7	0.26%
	Oppose	2	8	0.30%
	Neither support nor oppose	3	99	3.73%
	Support	4	887	33.40%
	Strongly support	5	1614	60.77%
	Don't know	66	41	1.54%

mgmt_J4				
		Value	Count	Percent
Attributes	Label	Q17. Incorporate traditional Hawaiian practices into coral reef management		
	Type	Numeric		
N	Valid		2656	98.37%
	No response	777	44	1.63%
Valid Values	Strongly oppose	1	38	1.43%
	Oppose	2	49	1.84%
	Neither support nor oppose	3	441	16.60%
	Support	4	945	35.58%
	Strongly support	5	986	37.12%
	Don't know	66	197	7.42%
mgmt_5				
		Value	Count	Percent
Attributes	Label	Q17. Improved law enforcement for existing rules/regulations		
	Type	Numeric		
N	Valid		2654	98.30%
	No response	777	46	1.70%
Valid Values	Strongly oppose	1	34	1.28%
	Oppose	2	57	2.15%
	Neither support nor oppose	3	283	10.66%
	Support	4	1100	41.45%
	Strongly support	5	1100	41.45%
	Don't know	66	80	3.01%

mgmt_J6				
		Value	Count	Percent
Attributes	Label	Q17. Establishment of a non- commercial fishing license		
	Type	Numeric		
N	Valid		2654	98.30%
	No response	777	46	1.70%
Valid Values	Strongly oppose	1	236	8.89%
	Oppose	2	359	13.53%
	Neither support nor oppose	3	569	21.44%
	Support	4	674	25.40%
	Strongly support	5	532	20.05%
	Don't know	66	284	10.70%
mgmt_J7				
		Value	Count	Percent
Attributes	Label	Q17. Inspection of coolers for violations of fishing or poaching regulations		
	Type	Numeric		
N	Valid		2657	98.41%
	No response	777	43	1.59%
Valid Values	Strongly oppose	1	40	1.51%
	Oppose	2	130	4.89%
	Neither support nor oppose	3	283	10.65%
	Support	4	991	37.30%
	Strongly support	5	1102	41.48%
	Don't know	66	111	4.18%

Participation in Behaviors that May Improve Coral Health

The following five variables are in response to the question “How often do you participate in the following activities to protect the environment in Hawai’i?”

<i>behave_1</i>				
		Value	Count	Percent
Attributes	Label	Q18. Recycling		
	Type	Numeric		
N	Valid		2652	98.22%
	No response	777	48	1.78%
Valid Values	Never	1	104	3.92%
	Once a year or less	2	66	2.49%
	Several times a year	3	229	8.63%
	At least once a month	4	412	15.54%
	Several times a month or more	5	1841	69.42%
<i>behave_2</i>				
		Value	Count	Percent
Attributes	Label	Q18. Teaching responsible fishing behavior to the next generation		
	Type	Numeric		
N	Valid		2658	98.44%
	No response	777	42	1.56%
Valid Values	Never	1	1603	60.31%
	Once a year or less	2	407	15.31%
	Several times a year	3	286	10.76%
	At least once a month	4	105	3.95%
	Several times a month or more	5	257	9.67%

<i>behave_3</i>				
		Value	Count	Percent
Attributes	Label	Q18. Volunteering with environmental groups		
	Type	Numeric		
N	Valid		2665	98.70%
	No response	777	35	1.30%
Valid Values	Never	1	1258	47.20%
	Once a year or less	2	832	31.22%
	Several times a year	3	361	13.55%
	At least once a month	4	98	3.68%
	Several times a month or more	5	116	4.35%
<i>behave_4</i>				
		Value	Count	Percent
Attributes	Label	Q18. Donating to environmental causes		
	Type	Numeric		
N	Valid		2648	98.07%
	No response	777	52	1.93%
Valid Values	Never	1	912	34.44%
	Once a year or less	2	1021	38.56%
	Several times a year	3	468	17.67%
	At least once a month	4	119	4.49%
	Several times a month or more	5	128	4.83%

<i>behave_J5</i>				
		Value	Count	Percent
Attributes	Label	Q18. Using "reef-safe" forms of sun protection		
	Type	Numeric		
N	Valid		2647	98.04%
	No response	777	53	1.96%
Valid Values	Never	1	575	21.72%
	Once a year or less	2	188	7.10%
	Several times a year	3	317	11.98%
	At least once a month	4	269	10.16%
	Several times a month or more	5	1298	49.04%

The following two variables are in response to the “Reef Conservation Tax” question.

<i>tax_amt</i>				
		Value	Count	Percent
Attributes	Label	Q19. Amount asked for the Reef Conservation Tax		
	Type	Numeric		
N	Valid		2657	98.41%
	No response	777	43	1.59%
Valid Values	\$10	1	426	16.03%
	\$25	2	465	17.50%
	\$50	3	411	15.47%
	\$100	4	471	17.73%
	\$250	5	437	16.45%
	\$500	6	447	16.82%

<i>tax_answer</i>				
		Value	Count	Percent
Attributes	Label	Q19. Answer for the Reef Conservation Tax		
	Type	Numeric		
N	Valid		2657	98.41%
	No response	777	43	1.59%
Valid Values	No	0	1058	39.82%
	Yes	1	1599	60.18%

The following seven variables are in response to the question “What are the main reason you would vote no on the “Reef Conservation Tax”?

<i>oppose_1</i> (asked among those who answered “no” to the Reef Conservation Tax)				
		Value	Count	Percent
Attributes	Label	Q20. This increased tax would be too expensive for me		
	Type	Numeric		
N	Valid		1101	40.78%
	Not asked	999	1599	59.22%
Valid Values	Not Checked	0	615	55.86%
	Checked	1	486	44.14%
<i>oppose_2</i> (asked among those who answered “no” to the Reef Conservation Tax)				
		Value	Count	Percent
Attributes	Label	Q20. I don’t trust the government to give the money to the environmental agencies		
	Type	Numeric		
N	Valid		1101	40.78%
	Not asked	999	1599	59.22%
Valid Values	Not Checked	0	644	58.49%
	Checked	1	457	41.51%

<i>oppose_3</i> (asked among those who answered “no” to the Reef Conservation Tax)				
		Value	Count	Percent
Attributes	Label	Q20. I don't think the environmental agencies are effective		
	Type	Numeric		
N	Valid		1101	40.78%
	Not asked	999	1599	59.22%
Valid Values	Not Checked	0	883	80.20%
	Checked	1	218	19.80%
<i>oppose_4</i> (asked among those who answered “no” to the Reef Conservation Tax)				
		Value	Count	Percent
Attributes	Label	Q20. I prefer to donate directly to environmental organizations		
	Type	Numeric		
N	Valid		1101	40.78%
	Not asked	999	1599	59.22%
Valid Values	Not Checked	0	782	71.03%
	Checked	1	319	28.97%
<i>oppose_5</i> (asked among those who answered “no” to the Reef Conservation Tax)				
		Value	Count	Percent
Attributes	Label	Q20. I don't believe in raising taxes on principle		
	Type	Numeric		
N	Valid		1101	40.78%
	Not asked	999	1599	59.22%
Valid Values	Not Checked	0	791	71.84%
	Checked	1	310	28.16%

<i>oppose_6</i> (asked among those who answered “no” to the Reef Conservation Tax)				
		Value	Count	Percent
Attributes	Label	Q20. I think that current management is effective and doesn't require more economic resources		
	Type	Numeric		
N	Valid		1101	40.78%
	Not asked	999	1599	59.22%
Valid Values	Not Checked	0	990	89.92%
	Checked	1	111	10.08%
<i>oppose_7</i> (asked among those who answered “no” to the Reef Conservation Tax)				
		Value	Count	Percent
Attributes	Label	Q20. Other reasons		
	Type	Numeric		
N	Valid		1101	40.78%
	Not asked	999	1599	59.22%
Valid Values	Not Checked	0	665	60.40%
	Checked	1	436	39.60%

The following eleven variables are in response to the question “How often do you use each of the following sources of information to provide you accurate information on coral reefs and coral related topics in Hawai’i?”

<i>info_1</i>				
		Value	Count	Percent
Attributes	Label	Q21. Newspapers and/or other print publications		
	Type	Numeric		
N	Valid		2645	97.96%
	No response	777	55	2.04%
Valid Values	Never	1	379	14.33%
	Rarely	2	419	15.84%
	Sometimes	3	1028	38.87%
	Frequently	4	646	24.42%
	Always	5	173	6.54%
<i>info_2</i>				
		Value	Count	Percent
Attributes	Label	Q21. Radio		
	Type	Numeric		
N	Valid		2626	97.26%
	No response	777	74	2.74%
Valid Values	Never	1	767	29.21%
	Rarely	2	593	22.58%
	Sometimes	3	855	32.56%
	Frequently	4	323	12.30%
	Always	5	88	3.35%

<i>info_3</i>				
		Value	Count	Percent
Attributes	Label	Q21. TV		
	Type	Numeric		
N	Valid		2631	97.44%
	No response	777	69	2.56%
Valid Values	Never	1	580	22.04%
	Rarely	2	458	17.41%
	Sometimes	3	945	35.92%
	Frequently	4	494	18.78%
	Always	5	154	5.85%
<i>info_4</i>				
		Value	Count	Percent
Attributes	Label	Q21. Online news sources or websites		
	Type	Numeric		
N	Valid		2628	97.33%
	No response	777	72	2.67%
Valid Values	Never	1	377	14.35%
	Rarely	2	358	13.62%
	Sometimes	3	1000	38.05%
	Frequently	4	710	27.02%
	Always	5	183	6.96%

<i>info_5</i>				
		Value	Count	Percent
Attributes	Label	Q21. Social media		
	Type	Numeric		
N	Valid		2623	97.15%
	No response	777	77	2.85%
Valid Values	Never	1	828	31.57%
	Rarely	2	484	18.45%
	Sometimes	3	812	30.96%
	Frequently	4	398	15.17%
	Always	5	101	3.85%
<i>info_6</i>				
		Value	Count	Percent
Attributes	Label	Q21. Friends and family		
	Type	Numeric		
N	Valid		2629	97.37%
	No response	777	71	2.63%
Valid Values	Never	1	389	14.80%
	Rarely	2	447	17.00%
	Sometimes	3	1116	42.45%
	Frequently	4	542	20.62%
	Always	5	135	5.14%

<i>info_7</i>				
		Value	Count	Percent
Attributes	Label	Q21. Community leaders		
	Type	Numeric		
N	Valid		2613	96.78%
	No response	777	87	3.22%
Valid Values	Never	1	630	24.11%
	Rarely	2	649	24.84%
	Sometimes	3	987	37.77%
	Frequently	4	296	11.33%
	Always	5	51	1.95%
<i>info_8</i>				
		Value	Count	Percent
Attributes	Label	Q21. State Government		
	Type	Numeric		
N	Valid		2615	96.85%
	No response	777	85	3.15%
Valid Values	Never	1	574	21.95%
	Rarely	2	655	25.05%
	Sometimes	3	1035	39.58%
	Frequently	4	288	11.01%
	Always	5	63	2.41%

<i>info_9</i>				
		Value	Count	Percent
Attributes	Label	Q21. Federal government agencies (NOAA, EPA)		
	Type	Numeric		
N	Valid		2626	97.26%
	No response	777	74	2.74%
Valid Values	Never	1	511	19.46%
	Rarely	2	526	20.03%
	Sometimes	3	998	38.00%
	Frequently	4	461	17.56%
	Always	5	130	4.95%
<i>info_10</i>				
		Value	Count	Percent
Attributes	Label	Q21. Non-profit organizations		
	Type	Numeric		
N	Valid		2621	97.07%
	No response	777	79	2.93%
Valid Values	Never	1	527	20.11%
	Rarely	2	525	20.04%
	Sometimes	3	1018	38.85%
	Frequently	4	466	17.79%
	Always	5	84	3.21%

<i>info_11</i>				
		Value	Count	Percent
Attributes	Label	Q21. Other information sources		
	Type	Numeric		
N	Valid		2596	96.15%
	No response	777	104	3.85%
Valid Values	No	0	2227	85.79%
	Yes	1	369	14.21%

Demographics

The remaining variables are in response to the demographic questions.

<i>sex</i>				
		Value	Count	Percent
Attributes	Label	Q22. Are you male or female?		
	Type	Numeric		
N	Valid		2633	97.52%
	No response	777	67	2.48%
Valid Values	Male	0	1309	49.72%
	Female	1	1324	50.28%
<i>age_group</i>				
		Value	Count	Percent
Attributes	Label	Q23. Age group of the respondent		
	Type	Numeric		
N	Valid		2544	94.22%
	No response	777	156	5.78%
Valid Values	18 - 34	1	212	8.33%
	35 – 44	2	284	11.16%
	45 – 54	3	331	13.01%
	55 – 64	4	605	23.78%
	65+	5	1112	43.71%

<i>tenure</i>				
		Value	Count	Percent
Attributes	Label	Q24. How long have you lived in Hawai'i ?		
	Type	Numeric		
N	Valid		2632	97.48%
	No response	777	68	2.52%
Valid Values	1 year or less	1	83	3.15%
	2-5 years	2	315	11.97%
	6-10 years	3	249	9.46%
	More than 10 years	4	1104	41.95%
	All my life	5	881	33.47%

<i>race</i>				
		Value	Count	Percent
Attributes	Label	Q26. What race/ethnicity do you consider yourself?		
	Type	Numeric		
N	Valid		2523	93.44%
	No response	777	177	6.56%
Valid Values	White	1	1395	55.29%
	Native Hawaiian or Other Pacific Islander	2	231	9.16%
	Asian (non-Japanese)	3	282	11.18%
	Japanese	4	280	11.10%
	More than one race/ethnicity	5	188	7.45%
	Other	6	147	5.83%

<i>educ</i>				
		Value	Count	Percent
Attributes	Label	Q27. What is the highest level of education you have completed?		
	Type	Numeric		
N	Valid		2603	96.41%
	No response	777	97	3.59%
Valid Values	8 th grade or less	1	7	0.27%
	Some high school or GED	2	27	1.04%
	High school graduate	3	209	8.03%
	Some college, community college, or Associate's degree	4	750	28.81%
	College graduate	5	958	36.80%
	Graduate school, law school, or medical school	6	652	25.05%
<i>employment</i>				
		Value	Count	Percent
Attributes	Label	Q28. What is your current employment status?		
	Type	Numeric		
N	Valid		2529	93.67%
	No response	777	171	6.33%
Valid Values	Unemployed	1	151	5.97%
	Student	2	29	1.15%
	Employed full time	3	1010	39.94%
	Homemaker	4	55	2.17%
	Employed part time	5	221	8.74%
	Retired	6	1063	42.03%

<i>marine_job</i>				
		Value	Count	Percent
Attributes	Label	Q29. Is your current or most recent occupation affiliated with the marine environment or industry?		
	Type	Numeric		
N	Valid		2634	97.56%
	No response	777	66	2.44%
Valid Values	No	0	2393	90.85%
	Yes	1	241	9.15%

<i>hh_size</i>				
		Value	Count	Percent
Attributes	Label	Q31. How many adults aged 18 years or older live in your household, including yourself?		
	Type	Numeric		
N	Valid		2613	94.81%
	No response	777	143	5.19%
Valid Values		Number of adults the respondent provides	2613	100%
<i>cell_land</i>				
		Value	Count	Percent
Attributes	Label	Q32. Do you own a working cellphone, landline, or both?		
	Type	Numeric		
N	Valid		2531	93.74%
	No response	777	169	6.26%
Valid Values	Cellphone	1	1414	55.87%
	Landline	2	81	3.20%
	Both	3	1036	40.93%

<i>hh_income</i>				
		Value	Count	Percent
Attributes	Label	Q33. What is your annual household income?		
	Type	Numeric		
N	Valid		2101	77.81%
	No response	777	599	22.19%
Valid Values	Under \$10,000	1	45	2.14%
	\$10,000-19,999	2	83	3.95%
	\$20,000-29,999	3	120	5.71%
	\$30,000-39,999	4	150	7.14%
	\$40,000-49,999	5	166	7.90%
	\$50,000-59,000	6	161	7.66%
	\$60,000-74,999	7	280	13.33%
	\$75,000-99,999	8	337	16.04%
	\$100,000-149,000	9	429	20.42%
	\$150,000 or More	10	330	15.71%