

USCOTS Workshop: Join Activity

Consider the following tables obtained from the American Community Survey 2017.

Table: Uninsured				Table: Population			Table: Name	
FIPS	Gender:Age	Gender	Count	FIPS	Gender	Population	FIPS	NAME
42-013	Male:Age19-25	Male	883	42-013	Female	12263	42-061	Huntingdon County, PA
42-013	Male:Age26-34	Male	996	42-021	Female	12916	42-027	Centre County, PA
42-013	Female:Age19-25	Female	563	42-027	Female	27820	42-087	Mifflin County, PA
42-013	Female:Age26-34	Female	594	42-033	Female	6822	42-033	Clearfield County, PA
42-021	Male:Age19-25	Male	767	42-035	Female	5145	42-035	Clinton County, PA
42-021	Male:Age26-34	Male	1103	42-061	Female	4365	42-013	Blair County, PA
42-021	Female:Age19-25	Female	494	42-087	Female	4159	42-021	Cambria County, PA
42-021	Female:Age26-34	Female	431	42-119	Female	5031	42-119	Union County, PA
42-027	Male:Age19-25	Male	1479	42-013	Male	12935		
42-027	Male:Age26-34	Male	1539	42-021	Male	13762		
42-027	Female:Age19-25	Female	1073	42-027	Male	34829		
42-027	Female:Age26-34	Female	455	42-033	Male	8996		
42-033	Male:Age19-25	Male	628	42-035	Male	5102		
42-033	Male:Age26-34	Male	643	42-061	Male	5611		
42-033	Female:Age19-25	Female	263	42-087	Male	4410		
42-033	Female:Age26-34	Female	449	42-119	Male	6934		
42-035	Male:Age19-25	Male	437					
42-035	Male:Age26-34	Male	365					
42-035	Female:Age19-25	Female	313					
42-035	Female:Age26-34	Female	188					
42-061	Male:Age19-25	Male	272					
42-061	Male:Age26-34	Male	316					
42-061	Female:Age19-25	Female	147					
42-061	Female:Age26-34	Female	206					
42-087	Male:Age19-25	Male	404					
42-087	Male:Age26-34	Male	520					
42-087	Female:Age19-25	Female	315					
42-087	Female:Age26-34	Female	334					
42-119	Male:Age19-25	Male	571					
42-119	Male:Age26-34	Male	464					
42-119	Female:Age19-25	Female	247					
42-119	Female:Age26-34	Female	357					

Use the above tables to fill in the appropriate value for each cell missing information.

FIPS	NAME	Population Female	Population Male	NoInsurance Female	NoInsurance Male	% No Insurance Female	% No Insurance Male
42-013	Blair County, PA	12263	12935	1157	1879	0.094	0.145
42-021	Cambria County, PA						
42-027	Centre County, PA	27820	34829	1528	3018	0.055	0.087
42-033	Clearfield County, PA	6822	8996	712	1271	0.104	0.141
42-035	Clinton County, PA	5145		501		0.097	0.157
42-061	Huntingdon County, PA	4365	5611	353	588	0.081	0.105
42-087		4159	4410	649	924	0.156	0.21
42-119	Union County, PA	5031	6934	604	1035	0.12	0.149

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Next, let us consider an algorithm that would be necessary in order to create the above table. Reconsider each step that you used in filling in the missing cells. In the table below, provide clear instructions for each data processing step so that another person could replicate your process.

Title: Data Processing Document for ACS 2017 Join
Author: _____ Date: _____

Step 1:	
Step 2:	
Step 3:	
Step 4:	
Step 5:	
Step 6:	
Step 7:	
Step 8:	