

descriptive\_proportions.log

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Log: c:\NHANES\log\descriptive_proportions.log
Log type: text
opened on: 4 Aug 2008, 16:11:41
```

```
. ****specify survey design variables****
. svyset sdmvpsu [pweight=wtmec4yr], strata(sdmvstra) vce(linearized)
```

```
    pweight: wtmec4yr
      VCE: linearized
Single unit: missing
  Strata 1: sdmvstra
    SU 1: sdmvpsu
    FPC 1: <zero>
```

```
. *****or, use svy:proportion using hbp - estimates expressed in
propor
> tions
. svy, subpop(if ridageyr >=20) vce(linearized): proportion hbp
(running proportion on estimation sample)
```

Survey: Proportion estimation

```
Number of strata =      28      Number of obs      =      11085
Number of PSUs   =      57      Population size    = 204878682
                                   Subpop. no. obs     =      8960
                                   Subpop. size        = 189834912
                                   Design df           =           29
```

```
_prop_1: hbp = high BP
_prop_2: hbp = no high BP
```

	Proportion	Linearized Std. Err.	[95% Conf. Interval]	
hbp				
_prop_1	.29163	.0098168	.2715524	.3117075
_prop_2	.70837	.0098168	.6882925	.7284476

```
. svy, subpop(if ridageyr >=20) vce(linearized): proportion hbp,
over(r
> iagendr)
(running proportion on estimation sample)
```

Survey: Proportion estimation

```

descriptive_proportions.log
Number of strata =      28      Number of obs   =      11085
Number of PSUs  =      57      Population size = 204878682
                                           Subpop. no. obs =      8960
                                           Subpop. size   = 189834912
                                           Design df     =      29

```

```

_prop_1: hbp = high BP
_prop_2: hbp = no high BP

male: riagendr = male
female: riagendr = female

```

Over	Proportion	Linearized Std. Err.	[95% Conf. Interval]	
-----				
_prop_1				
male	.2727205	.0122128	.2477425	.2976986
female	.309091	.0106897	.287228	.3309539
-----				
_prop_2				
male	.7272795	.0122128	.7023014	.7522575
female	.690909	.0106897	.6690461	.712772
-----				

```

. svy, subpop(if riageyr >=20) vce(linearized): proportion hbp,
over(r
> ace)
(running proportion on estimation sample)

```

Survey: Proportion estimation

```

Number of strata =      28      Number of obs   =      11085
Number of PSUs  =      57      Population size = 204878682
                                           Subpop. no. obs =      8960
                                           Subpop. size   = 189834912
                                           Design df     =      29

```

```

_prop_1: hbp = high BP
_prop_2: hbp = no high BP

_subpop_1: race = NH White
_subpop_2: race = NH Black
_subpop_3: race = Mex American
_subpop_4: race = Other race/ethn

```

Over	Proportion	Linearized Std. Err.	[95% Conf. Interval]	
-----				
_prop_1				
_subpop_1	.296593	.0115551	.2729603	.3202257
-----				

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_subpop_2	.3695625	.0151299	.3386183	.4005066
_subpop_3	.1714118	.0121803	.1465002	.1963233
_subpop_4	.2586597	.0229563	.2117087	.3056106
-----				
_prop_2				
_subpop_1	.703407	.0115551	.6797743	.7270397
_subpop_2	.6304375	.0151299	.5994934	.6613817
_subpop_3	.8285882	.0121803	.8036767	.8534998
_subpop_4	.7413403	.0229563	.6943894	.7882913
-----				

. svy, subpop(if ri dageyr >=20) vce(linearized): proporti on hbp,  
over(a  
> ge)  
(running proporti on on estimati on sampl e)

Survey: Proporti on estimati on

Number of strata =	28	Number of obs =	8960
Number of PSUs =	57	Populati on si ze =	189834912
		Subpop. no. obs =	8960
		Subpop. si ze =	189834912
		Desi gn df =	29

\_prop\_1: hbp = hi gh BP  
\_prop\_2: hbp = no hi gh BP

\_subpop\_1: age = 20-39  
\_subpop\_2: age = 40-59  
3: age = 3

Over	Proporti on	Li neari zed Std. Err.	[95% Conf. Interval]	
-----				
_prop_1				
_subpop_1	.0718305	.0083147	.0548249	.088836
_subpop_2	.2970228	.01382	.2687577	.3252878
3	.6671498	.0127078	.6411595	.6931401
-----				
_prop_2				
_subpop_1	.9281695	.0083147	.911164	.9451751
_subpop_2	.7029772	.01382	.6747122	.7312423
3	.3328502	.0127078	.3068599	.3588405
-----				

. svy, subpop(if ri dageyr >=20) vce(linearized): proporti on hbp,  
over(r  
> i agendr race age)  
(running proporti on on estimati on sampl e)

Survey: Proporti on estimati on

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Number of strata = 28                      Number of obs = 8960  
 Number of PSUs = 57                      Population size = 189834912  
    Subpop. no. obs = 8960  
    Subpop. size = 189834912  
    Design df = 29

\_prop\_1: hbp = high BP  
 \_prop\_2: hbp = no high BP

Over: ri agendr race age  
 \_subpop\_1: male NH White 20-39  
 \_subpop\_2: male NH White 40-59  
 \_subpop\_3: male NH White 3  
 \_subpop\_4: male NH Black 20-39  
 \_subpop\_5: male NH Black 40-59  
 \_subpop\_6: male NH Black 3  
 \_subpop\_7: male Mex American 20-39  
 \_subpop\_8: male Mex American 40-59  
 \_subpop\_9: male Mex American 3  
 \_subpop\_10: male Other race/ethn 20-39  
 \_subpop\_11: male Other race/ethn 40-59  
 \_subpop\_12: male Other race/ethn 3  
 \_subpop\_13: female NH White 20-39  
 \_subpop\_14: female NH White 40-59  
 \_subpop\_15: female NH White 3  
 \_subpop\_16: female NH Black 20-39  
 \_subpop\_17: female NH Black 40-59  
 \_subpop\_18: female NH Black 3  
 \_subpop\_19: female Mex American 20-39  
 \_subpop\_20: female Mex American 40-59  
 \_subpop\_21: female Mex American 3  
 \_subpop\_22: female Other race/ethn 20-39  
 \_subpop\_23: female Other race/ethn 40-59  
 \_subpop\_24: female Other race/ethn 3

Over	Proportion	Linearized Std. Err.	[95% Conf. Interval]	
_prop_1				
_subpop_1	.0937045	.0143542	.0643469	.123062
_subpop_2	.2683552	.0224456	.2224488	.3142615
_subpop_3	.5827547	.0194053	.5430664	.622443
_subpop_4	.1547471	.0141739	.1257582	.183736
_subpop_5	.4159881	.0334804	.347513	.4844631
_subpop_6	.7796789	.0185634	.7417126	.8176453
_subpop_7	.0687766	.016786	.0344453	.1031079
_subpop_8	.266817	.0254669	.2147314	.3189027
_subpop_9	.5722385	.0234112	.5243573	.6201197
_subpop_10	.1215878	.0381784	.0435041	.1996715
_subpop_11	.2733674	.0567108	.1573808	.3893539

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_subpop_12	.5500987	.0908282	.3643342	.7358632
_subpop_13	.0322515	.0060118	.0199559	.044547
_subpop_14	.2814856	.0196746	.2412465	.3217247
_subpop_15	.7100794	.0192522	.6707042	.7494547
_subpop_16	.089185	.0218297	.0445383	.1338318
_subpop_17	.5078663	.0333184	.4397226	.5760101
_subpop_18	.8387346	.0200344	.7977596	.8797096
_subpop_19	.030391	.008401	.0132091	.0475729
_subpop_20	.2535093	.024511	.2033788	.3036398
_subpop_21	.6599367	.0186033	.6218886	.6979848
_subpop_22	.0574419	.027978	.0002204	.1146634
_subpop_23	.3320272	.0461755	.2375878	.4264666
_subpop_24	.7529736	.0484703	.6538408	.8521065

_prop_2				
_subpop_1	.9062955	.0143542	.876938	.9356531
_subpop_2	.7316448	.0224456	.6857385	.7775512
_subpop_3	.4172453	.0194053	.377557	.4569336
_subpop_4	.8452529	.0141739	.816264	.8742418
_subpop_5	.5840119	.0334804	.5155369	.652487
_subpop_6	.2203211	.0185634	.1823547	.2582874
_subpop_7	.9312234	.016786	.8968921	.9655547
_subpop_8	.733183	.0254669	.6810973	.7852686
_subpop_9	.4277615	.0234112	.3798803	.4756427
_subpop_10	.8784122	.0381784	.8003285	.9564959
_subpop_11	.7266326	.0567108	.6106461	.8426192
_subpop_12	.4499013	.0908282	.2641368	.6356658
_subpop_13	.9677485	.0060118	.955453	.9800441
_subpop_14	.7185144	.0196746	.6782753	.7587535
_subpop_15	.2899206	.0192522	.2505453	.3292958
_subpop_16	.910815	.0218297	.8661682	.9554617
_subpop_17	.4921337	.0333184	.4239899	.5602774
_subpop_18	.1612654	.0200344	.1202904	.2022404
_subpop_19	.969609	.008401	.9524271	.9867909
_subpop_20	.7464907	.024511	.6963602	.7966212
_subpop_21	.3400633	.0186033	.3020152	.3781114
_subpop_22	.9425581	.027978	.8853366	.9997796
_subpop_23	.6679728	.0461755	.5735334	.7624122
_subpop_24	.2470264	.0484703	.1478935	.3461592

. log close  
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