

## mTAB Median Calculation from Income Brackets

Approximate Annual HH Income	
Median	<b>71,180</b>
Unweighted Sample Total Coun	10,811

Approximate Annual HH Income	Weighted Response	(1) Accumulated Response
Less Than \$15,000	11,714	11,714
\$15,000 - \$24,999	46,054	57,768
\$25,000 - \$34,999	83,965	141,733
\$35,000 - \$44,999	102,093	243,826
\$45,000 - \$59,999	155,721	<b>399,546</b>
\$60,000 - \$74,999	161,435	<b>560,981</b> <----- Median will fall here (3)
\$75,000 - \$99,999	193,540	754,521
\$100,000 - \$124,999	134,706	889,227
\$125,000 - \$149,999	59,748	948,975
\$150,000 - \$199,999	41,971	990,946
\$200,000 - \$249,999	16,391	1,007,337
\$250,000 or More	32,409	<b>1,039,746</b>
Weighted Subset Total Count	<b>1,039,746</b>	
Weighted Sample Total Count	1,255,411	

- (1) **Calculated Accumulated Weighted response**
- (2) Divide total (**1,039,746**) by 2 = **519873** **519,873**
- (3) Find first value in Accumulated Reponse column that is greater than step 2 value  
The *median will fall between the \$60,000-\$74,999* bracket
- (4) Step 2 amount (**519873**) MINUS preceding break accumulated response **399,546** = 120,327
- (5) Acc. Response where Median will fall **560,981** MINUS preceding break **399,546** = 161,435
- (6) Step 4 Divided by Step 5 0.74536
- (7) Multiply Step 6 by the range 14,999 (\$60,000-\$74,999) 11180
- (8) Add Step 7 to bottom of range \$60,000 **71,180**

## mTAB Mean/Weighted Average Calculation from Income Brackets

Approximate Annual HH Income  
 Mean / Weighted Average **83,610**  
 Unweighted Sample Total Cou 10,811

Approximate Annual HH Income	( A )	STAT1	STAT2	( B ) Midpoint	( C )
Less Than \$15,000	11,714	1	14,999	7,500	87,857,249
\$15,000 - \$24,999	46,054	15,000	24,999	20,000	921,059,004
\$25,000 - \$34,999	83,965	25,000	34,999	30,000	2,518,899,346
\$35,000 - \$44,999	102,093	35,000	44,999	40,000	4,083,654,266
\$45,000 - \$59,999	155,721	45,000	59,999	52,500	8,175,254,132
\$60,000 - \$74,999	161,435	60,000	74,999	67,500	10,896,752,251
\$75,000 - \$99,999	193,540	75,000	99,999	87,500	16,934,669,636
\$100,000 - \$124,999	134,706	100,000	124,999	112,500	15,154,345,342
\$125,000 - \$149,999	59,748	125,000	149,999	137,500	8,215,258,359
\$150,000 - \$199,999	41,971	150,000	199,999	175,000	7,344,910,850
\$200,000 - \$249,999	16,391	200,000	249,999	225,000	3,688,025,252
\$250,000 or More	32,409	250,000	300,000	275,000	8,912,452,979
Weighted Subset Total Count	<b>1,039,746</b>				<b>86,933,138,666</b>
Weighted Sample Total Count	1,255,411				

- (1) Find Midpoint of data ranges - Column ( B )
- (2) Multiply Weighted Counts ( A ) by Midpoints ( B ) to generate ( C )
- (3) Divide the sum of column ( C ) by the total weighted response at the bottom of column ( A ) ....

$$86,933,138,666 \text{ divided by } 1,039,746 = 83,610$$

You will notice the calculated **average** matches the mTAB produced **average**