

---

# Project 3: Adding more detail about expenditures

# Project 3

---

What if you want to know about specific types of insurance? We can use the **MTBI file** to add information to our dataset

In this project you will:

- ▶ Learn more about the MTBI file
- ▶ Learn how to replicate the PQ/CQ variables using the MTBI file
- ▶ Create detailed summarized estimates from the MTBI file

# Project 3 Steps

1. Concatenate ("set") 4 quarterly MTBI files to obtain collection year of data
2. Calculate totals for the following Insurance types.  
FEE-FOR-SERVICE:  
580111 and 580112  
PREFERRED PROVIDER ORGANIZATION:  
580113 and 580114  
HEALTH MAINTENANCE ORGANIZATION:  
580311 and 580312
  - ▶ Add the COST of all observations for the household (group by NEWID for selected UCCs) to get one row per household
3. Merge new expenditures with the FMLY information
4. Calculate means and percent reporting

# Project 3 Results

## Means

	Category	FFS_COST	PPO_COST	HMO_COST
1	NOT SELF-EMP	194.8964	480.1387	491.0087
2	SELF-EMP HH	364.7367	879.1067	730.9100
3	SEMI SELF-EMP HH	381.1243	967.5721	950.3947

## Percent reporting

	Category	FFS_COST_	PPO_COST_	HMO_COST_
1	NOT SELF-EMP	0.07304018	0.1797184	0.2008811
2	SELF-EMP HH	0.06750000	0.1616667	0.1558333
3	SEMI SELF-EMP HH	0.08106312	0.2318937	0.2571429