

# Homework 1

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Link to repository: <https://github.com/sarina-tan/HLTH470/tree/master/homework1/submission2>

# 1 Building The Data

1. Provide a table of the count of plans under each plan type in 2015

| Plan Type                               | 2015    |
|---|---------|
| Medical Prescription Drug Plan          | 991,457 |
| Local PPO                               | 704,993 |
| HMO/HMOPOS                              | 479,275 |
| Employer/Union Only Direct Contract PDP | 25,630  |
| Regional PPO                            | 17,578  |
| PFFS                                    | 13,658  |
| 1876 Cost                               | 7,157   |
| MSA                                     | 6,518   |
| Medicare-Medicaid Plan HMO/HMOPOS       | 4,130   |
| National PACE                           | 1,216   |

2. Remove all special needs plans (SNP), employer group plans (eghp), and all "800-series" plans. Provide an updated table of table 1.

| Plan Type                         | 2015    |
|-----------------------------------|---------|
| Medical Prescription Drug Plan    | 269,153 |
| HMO/HMOPOS                        | 36,588  |
| Local PPO                         | 16,728  |
| Regional PPO                      | 8,531   |
| 1876 Cost                         | 6,329   |
| PFFS                              | 4,232   |
| Medicare-Medicaid Plan HMO/HMOPOS | 4,130   |
| National PACE                     | 1,216   |
| MSA                               | 232     |

3. Provide a table of the average enrollments for each plan type in 2015.

| Plan Type                         | Count  | Avg Enrollment |
|-----------------------------------|--------|----------------|
| Medical Prescription Drug Plan    | 60,236 | 312            |
| HMO/HMOPOS                        | 9115   | 849            |
| Local PPO                         | 6126   | 311            |
| Regional PPO                      | 4853   | 202            |
| PFFS                              | 2052   | 125            |
| 1876 Cost                         | 2019   | 228            |
| Medicare-Medicaid Plan HMO/HMOPOS | 522    | 624            |
| National PACE                     | 213    | 140            |
| MSA                               | 111    | 108            |