

**Manufacturing  
AGE (median) by Year****The MEANS Procedure**

| <b>Analysis Variable : AGE Age</b> |          |               |
|------------------------------------|----------|---------------|
| <b>Census year</b>                 | <b>N</b> | <b>Median</b> |
| 1950                               | 180615   | 36            |
| 1960                               | 1139507  | 39            |
| 1970                               | 241872   | 40            |
| 1980                               | 1363442  | 36            |
| 1990                               | 1281644  | 38            |
| 2000                               | 1166634  | 41            |
| 2010                               | 190542   | 47            |
| 2015                               | 185426   | 48            |
| 2017                               | 186074   | 48            |

## Manufacturing SEX by Year

The FREQ Procedure

| Frequency<br>Percent<br>Row Pct<br>Col Pct | Table of sex1 by YEAR |                   |         |        |         |         |         |        |        |        |         |
|--|-----------------------|-------------------|---------|--------|---------|---------|---------|--------|--------|--------|---------|
|  | sex1                  | YEAR(Census year) |         |        |         |         |         |        |        |        |         |
|  |                       | 1950              | 1960    | 1970   | 1980    | 1990    | 2000    | 2010   | 2015   | 2017   | Total   |
|  | F                     | 42943             | 396773  | 86878  | 486638  | 465501  | 398781  | 58427  | 55413  | 55359  | 2046713 |
|  |                       | 0.72              | 6.68    | 1.46   | 8.20    | 7.84    | 6.72    | 0.98   | 0.93   | 0.93   | 34.48   |
|  |                       | 2.10              | 19.39   | 4.24   | 23.78   | 22.74   | 19.48   | 2.85   | 2.71   | 2.70   |         |
|  |                       | 23.78             | 34.82   | 35.92  | 35.69   | 36.32   | 34.18   | 30.66  | 29.88  | 29.75  |         |
|  | M                     | 137672            | 742734  | 154994 | 876804  | 816143  | 767853  | 132115 | 130013 | 130715 | 3889043 |
|  |                       | 2.32              | 12.51   | 2.61   | 14.77   | 13.75   | 12.94   | 2.23   | 2.19   | 2.20   | 65.52   |
|  |                       | 3.54              | 19.10   | 3.99   | 22.55   | 20.99   | 19.74   | 3.40   | 3.34   | 3.36   |         |
|  |                       | 76.22             | 65.18   | 64.08  | 64.31   | 63.68   | 65.82   | 69.34  | 70.12  | 70.25  |         |
|  | Total                 | 180615            | 1139507 | 241872 | 1363442 | 1281644 | 1166634 | 190542 | 185426 | 186074 | 5935756 |
|  |                       | 3.04              | 19.20   | 4.07   | 22.97   | 21.59   | 19.65   | 3.21   | 3.12   | 3.13   | 100.00  |



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**Manufacturing  
Income (median) by Year****The MEANS Procedure**

| <b>Analysis Variable : INCTOT Total personal income</b> |              |          |               |
|---|--------------|----------|---------------|
| <b>Census year</b>                                      | <b>N Obs</b> | <b>N</b> | <b>Median</b> |
| 1950  | 180615       | 46689    | 2550.00       |
| 1960  | 1139507      | 1139507  | 3685.00       |
| 1970  | 241872       | 241872   | 5650.00       |
| 1980  | 1363442      | 1363442  | 11505.00      |
| 1990  | 1281644      | 1281644  | 20000.00      |
| 2000  | 1166634      | 1166634  | 27800.00      |
| 2010  | 190542       | 190542   | 35000.00      |
| 2015  | 185426       | 185426   | 40000.00      |
| 2017  | 186074       | 186074   | 42000.00      |

**Manufacturing**  
**Job Location by State**  
**READ ME: I will place the state abbs in the CSV**

**The FREQ Procedure**

| <b>job_loc</b> | <b>Frequency</b> | <b>Percent</b> | <b>Cumulative<br/>Frequency</b> | <b>Cumulative<br/>Percent</b> |
|----------------|------------------|----------------|---------------------------------|-------------------------------|
| <b>1</b>       | 65164            | 1.78           | 65164                           | 1.78                          |
| <b>2</b>       | 2004             | 0.05           | 67168                           | 1.84                          |
| <b>4</b>       | 32071            | 0.88           | 99239                           | 2.72                          |
| <b>5</b>       | 39334            | 1.08           | 138573                          | 3.80                          |
| <b>6</b>       | 363717           | 9.96           | 502290                          | 13.76                         |
| <b>8</b>       | 33183            | 0.91           | 535473                          | 14.67                         |
| <b>9</b>       | 64572            | 1.77           | 600045                          | 16.43                         |
| <b>10</b>      | 11230            | 0.31           | 611275                          | 16.74                         |
| <b>11</b>      | 5054             | 0.14           | 616329                          | 16.88                         |
| <b>12</b>      | 88747            | 2.43           | 705076                          | 19.31                         |
| <b>13</b>      | 103358           | 2.83           | 808434                          | 22.14                         |
| <b>15</b>      | 5400             | 0.15           | 813834                          | 22.29                         |
| <b>16</b>      | 10962            | 0.30           | 824796                          | 22.59                         |
| <b>17</b>      | 204778           | 5.61           | 1029574                         | 28.20                         |
| <b>18</b>      | 129774           | 3.55           | 1159348                         | 31.75                         |
| <b>19</b>      | 47206            | 1.29           | 1206554                         | 33.04                         |
| <b>20</b>      | 34549            | 0.95           | 1241103                         | 33.99                         |
| <b>21</b>      | 52746            | 1.44           | 1293849                         | 35.44                         |
| <b>22</b>      | 35493            | 0.97           | 1329342                         | 36.41                         |
| <b>23</b>      | 19654            | 0.54           | 1348996                         | 36.95                         |
| <b>24</b>      | 44212            | 1.21           | 1393208                         | 38.16                         |
| <b>25</b>      | 107426           | 2.94           | 1500634                         | 41.10                         |
| <b>26</b>      | 192346           | 5.27           | 1692980                         | 46.37                         |
| <b>27</b>      | 72606            | 1.99           | 1765586                         | 48.35                         |
| <b>28</b>      | 38780            | 1.06           | 1804366                         | 49.42                         |
| <b>29</b>      | 80974            | 2.22           | 1885340                         | 51.63                         |
| <b>30</b>      | 4525             | 0.12           | 1889865                         | 51.76                         |
| <b>31</b>      | 18404            | 0.50           | 1908269                         | 52.26                         |
| <b>32</b>      | 6541             | 0.18           | 1914810                         | 52.44                         |
| <b>33</b>      | 19444            | 0.53           | 1934254                         | 52.97                         |
| <b>34</b>      | 121090           | 3.32           | 2055344                         | 56.29                         |
| <b>35</b>      | 7442             | 0.20           | 2062786                         | 56.49                         |
|                |                  |                |                                 |                               |

## MANUFACTURING Only

|                             |        |      |         |        |
|-----------------------------|--------|------|---------|--------|
| 36                          | 254141 | 6.96 | 2316927 | 63.45  |
| 37                          | 138708 | 3.80 | 2455635 | 67.25  |
| 38                          | 3855   | 0.11 | 2459490 | 67.36  |
| 39                          | 229534 | 6.29 | 2689024 | 73.65  |
| 40                          | 31358  | 0.86 | 2720382 | 74.50  |
| 41                          | 41099  | 1.13 | 2761481 | 75.63  |
| 42                          | 226071 | 6.19 | 2987552 | 81.82  |
| 44                          | 17757  | 0.49 | 3005309 | 82.31  |
| 45                          | 65668  | 1.80 | 3070977 | 84.11  |
| 46                          | 6275   | 0.17 | 3077252 | 84.28  |
| 47                          | 91151  | 2.50 | 3168403 | 86.77  |
| 48                          | 187512 | 5.14 | 3355915 | 91.91  |
| 49                          | 20275  | 0.56 | 3376190 | 92.47  |
| 50                          | 8488   | 0.23 | 3384678 | 92.70  |
| 51                          | 74323  | 2.04 | 3459001 | 94.73  |
| 53                          | 62778  | 1.72 | 3521779 | 96.45  |
| 54                          | 19030  | 0.52 | 3540809 | 96.97  |
| 55                          | 108228 | 2.96 | 3649037 | 99.94  |
| 56                          | 2276   | 0.06 | 3651313 | 100.00 |
| Frequency Missing = 2284443 |        |      |         |        |

**Manufacturing  
Employment by Year**  
**1= Employed 2= Unemployed**  
**3= Not in labor force**  
**Need to figure what #3 means**

**The FREQ Procedure**

| Frequency<br>Percent<br>Row Pct<br>Col Pct | Table of EMPSTAT by YEAR                                  |                                 |                                   |                                 |                                    |                                    |                                   |                                 |                                 |                                 |                   |
|--|---|---------------------------------|-----------------------------------|---------------------------------|------------------------------------|------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|-------------------|
|  | EMPSTAT<br>(Employment<br>status<br>[general<br>version]) | YEAR(Census year)               |                                   |                                 |                                    |                                    |                                   |                                 |                                 |                                 |                   |
|  |   | 1950                            | 1960                              | 1970                            | 1980                               | 1990                               | 2000                              | 2010                            | 2015                            | 2017                            | Total             |
|  | <b>1</b>  | 173175<br>2.92<br>3.69<br>95.88 | 856566<br>14.43<br>18.23<br>75.17 | 184145<br>3.10<br>3.92<br>76.13 | 1082284<br>18.23<br>23.04<br>79.38 | 1030390<br>17.36<br>21.94<br>80.40 | 920325<br>15.50<br>19.59<br>78.89 | 146073<br>2.46<br>3.11<br>76.66 | 151449<br>2.55<br>3.22<br>81.68 | 153015<br>2.58<br>3.26<br>82.23 | 4697422<br>79.14  |
|  | <b>2</b>  | 7400<br>0.12<br>2.61<br>4.10    | 49582<br>0.84<br>17.48<br>4.35    | 8909<br>0.15<br>3.14<br>3.68    | 79641<br>1.34<br>28.07<br>5.84     | 63585<br>1.07<br>22.41<br>4.96     | 45316<br>0.76<br>15.97<br>3.88    | 17519<br>0.30<br>6.18<br>9.19   | 6367<br>0.11<br>2.24<br>3.43    | 5368<br>0.09<br>1.89<br>2.88    | 283687<br>4.78    |
|  | <b>3</b>  | 40<br>0.00<br>0.00<br>0.02      | 233359<br>3.93<br>24.44<br>20.48  | 48818<br>0.82<br>5.11<br>20.18  | 201517<br>3.39<br>21.11<br>14.78   | 187669<br>3.16<br>19.66<br>14.64   | 200993<br>3.39<br>21.05<br>17.23  | 26950<br>0.45<br>2.82<br>14.14  | 27610<br>0.47<br>2.89<br>14.89  | 27691<br>0.47<br>2.90<br>14.88  | 954647<br>16.08   |
|  | <b>Total</b>  | 180615<br>3.04                  | 1139507<br>19.20                  | 241872<br>4.07                  | 1363442<br>22.97                   | 1281644<br>21.59                   | 1166634<br>19.65                  | 190542<br>3.21                  | 185426<br>3.12                  | 186074<br>3.13                  | 5935756<br>100.00 |