

## Connecticut Registration Report 2012 Errata:

Page 24:

“One in every ~~eight~~ five women who received no prenatal care during pregnancy had a low birth weight baby, and one in every ~~nineteen~~ eleven women gave birth to a very low birth weight baby.”

Page 26:

“Relative to women who began prenatal care in the first trimester of gestation in 2012 (9.4%), the percent of premature delivery was ~~two~~ three times greater for those who received no prenatal care (~~19.9~~ 29.9%) and 1.1 times greater for those who began prenatal care during the last trimester at 8.3% (Table 3).”

Page 27:

“*Mother’s Place of Residence* Towns in Connecticut with a rate of preterm birth significantly higher than the overall state rate were East Hartford (~~14.7%~~ 14.6%), Hartford (12.7%), New Britain (12.3%), New Haven (~~11.8%~~ 11.9%) and West Haven (~~13.0%~~ 13.1%; Table 3).”

Page 29 Figure:

Compared to the statewide percentage of ~~13.1~~ 12.6%, the following towns were:

Significantly higher: Bridgeport, East Hartford (added), Hartford, Meriden, New Britain, New Haven, Norwalk, and Waterbury; and Significantly lower: East Haven, Fairfield, ~~Middletown~~, Greenwich (added), Milford, ~~New Milford~~, Shelton, Trumbull, West Hartford, and Wethersfield.

Page 30:

“An additional ~~330~~ 118 women (~~0.9~~ 0.3%) received no prenatal care, a ~~0.6%~~ increase from the previous year, which is the same rate as the previous year. Lastly, trimester of initiation of prenatal care was unknown for ~~338~~ 550 (~~0.9~~ 1.5%) of all births in the state. The statewide percentage of late or no prenatal care at ~~13.0%~~ 12.6% was significantly higher than the national percentage not significantly different than 2011 (Table 11).” [US rates for PNC stats are no longer published by NCHS]

“*Adequacy of Prenatal Care*

Among all births in Connecticut during 2012 for which adequacy of prenatal care was known, 41.3% of mothers received adequate prenatal care, 35.3% received intensive prenatal care, and 23.4% received non-adequate prenatal care (Table 4). The percentage of mothers who received non-adequate care in the state was significantly higher than the nationwide percentage (Table 11), and increased significantly from the previous year (22.2% to 23.4%) (Table 11). Of note, adequacy of prenatal care was unknown for 2.2% (794) of all births in the state (Table 3).” [US rates for PNC stats are no longer published by NCHS]

“The rate of late or no prenatal care for non-Hispanic Black/African American and Hispanic/Latino mothers were ~~20.6%~~ 20.3% and ~~19.4%~~ 19.3% respectively, compared to only ~~9.2%~~ 8.5% for non-Hispanic White mothers (Table 4), representing disparity ratios of ~~2.2~~ 2.3 and ~~2.1~~ 2.3, respectively.”

“Of the eight towns with 1,000 or more births in 2012, all exceeded the statewide percentage of late or no prenatal care (~~13.1~~ 12.6%), accounting for ~~48.8~~ 49.5% of all the births to women in Connecticut who received late or no prenatal care (Table 4).”

Page 31:

"In 2012, 1,654 (4.5%) Connecticut births were to mothers who reported using tobacco during pregnancy (**Table 3** and **Table 11**). This was significantly lower than the national percentage, but was not significantly different from the 2011 rate of 4.6%. (**Table 11**)."  
*[US rates for PNC stats are no longer published by NCHS]*

Table 3: Initiation of Prenatal Care

|  | TOTAL BIRTHS | BIRTHWEIGHT (grams) <sup>d</sup> |         |             |             |             |        |          | % Very Low BWT (<1,500g) | % Low BWT (<2,500g) | GESTATIONAL AGE <sup>e</sup> |                         |    | % Pre-mature <sup>f</sup> |
|--|--------------|----------------------------------|---------|-------------|-------------|-------------|--------|----------|--------------------------|---------------------|------------------------------|-------------------------|----|---------------------------|
|  |              | <500                             | 500-999 | 1,000-1,499 | 1,500-2,499 | 2,500-3,499 | 3,500+ | Un-known | WKS                      | 37+                 | Un-known                     | Pre-mature <sup>f</sup> |    |                           |
| <b>INITIATION OF PRENATAL CARE<sup>1</sup></b> |              |                                  |         |             |             |             |        |          |                          |                     |                              |                         |    |                           |
| NONE   | 118          | 2                                | 4       | 4           | 13          | 70          | 24     | 1        | 8.5                      | 19.7                | 32                           | 77                      | 9  | 29.4                      |
| White Non-Hispanic                             | 71           | 1                                | -       | 1           | 8           | 44          | 16     | 1        | a                        | 14.3                | 18                           | 47                      | 6  | 27.7                      |
| Black Non-Hispanic                             | 25           | 1                                | 1       | 2           | 3           | 14          | 4      | -        | a                        | 28.0                | 9                            | 15                      | 1  | 37.5                      |
| Other Non-Hispanic                             | 5            | -                                | -       | -           | -           | 4           | 1      | -        | a                        | a                   | -                            | 5                       | -  | a                         |
| Hispanic                                       | 17           | -                                | 3       | 1           | 2           | 8           | 3      | -        | a                        | 35.3                | 5                            | 10                      | 2  | 33.3                      |
| Unknown Race/Ethn                              | -            | -                                | -       | -           | -           | -           | -      | -        | -                        | -                   | -                            | -                       | -  | -                         |
| <b>FIRST TRIMESTER</b>                         | 31,418       | 59                               | 139     | 211         | 1,911       | 17,303      | 11,786 | 9        | 1.3                      | 7.4                 | 2,939                        | 28,474                  | 5  | 9.4                       |
| White Non-Hispanic                             | 18,632       | 20                               | 50      | 107         | 939         | 9,573       | 7,942  | 1        | 1.0                      | 6.0                 | 1,539                        | 17,090                  | 3  | 8.3                       |
| Black Non-Hispanic                             | 3,592        | 20                               | 45      | 39          | 327         | 2,191       | 965    | 5        | 2.9                      | 12.0                | 442                          | 3,149                   | 1  | 12.3                      |
| Other Non-Hispanic                             | 2,575        | 3                                | 4       | 22          | 191         | 1,669       | 685    | 1        | 1.1                      | 8.5                 | 235                          | 2,340                   | -  | 9.1                       |
| Hispanic                                       | 6,357        | 16                               | 37      | 40          | 434         | 3,741       | 2,088  | 1        | 1.5                      | 8.3                 | 694                          | 5,662                   | 1  | 10.9                      |
| Unknown Race/Ethn                              | 262          | -                                | 3       | 3           | 20          | 129         | 106    | 1        | 2.3                      | 10.0                | 29                           | 233                     | -  | 11.1                      |
| <b>SECOND TRIMESTER</b>                        | 3,980        | 5                                | 24      | 44          | 333         | 2,315       | 1,256  | 3        | 1.8                      | 10.2                | 466                          | 3,511                   | 3  | 11.7                      |
| White Non-Hispanic                             | 1,476        | 1                                | 10      | 14          | 119         | 776         | 556    | -        | 1.7                      | 9.8                 | 152                          | 1,324                   | -  | 10.3                      |
| Black Non-Hispanic                             | 790          | 3                                | 7       | 13          | 73          | 490         | 204    | -        | 2.9                      | 12.2                | 100                          | 690                     | -  | 12.7                      |
| Other Non-Hispanic                             | 311          | -                                | 1       | 1           | 22          | 218         | 69     | -        | a                        | 7.7                 | 37                           | 274                     | -  | 11.9                      |
| Hispanic                                       | 1,376        | 1                                | 6       | 15          | 116         | 817         | 418    | 3        | 1.6                      | 10.1                | 175                          | 1,199                   | 2  | 12.7                      |
| Unknown Race/Ethn                              | 27           | -                                | -       | 1           | 3           | 14          | 9      | -        | a                        | a                   | 2                            | 24                      | 1  | a                         |
| <b>THIRD TRIMESTER</b>                         | 446          | -                                | 4       | 2           | 24          | 277         | 139    | -        | 1.3                      | 6.7                 | 37                           | 408                     | 1  | 8.3                       |
| White Non-Hispanic                             | 178          | -                                | 2       | -           | 9           | 99          | 68     | -        | a                        | 6.2                 | 13                           | 164                     | 1  | 7.3                       |
| Black Non-Hispanic                             | 98           | -                                | 1       | 1           | 8           | 71          | 17     | -        | a                        | 10.2                | 10                           | 88                      | -  | 10.2                      |
| Other Non-Hispanic                             | 39           | -                                | -       | -           | -           | 29          | 10     | -        | a                        | a                   | 1                            | 38                      | -  | a                         |
| Hispanic                                       | 127          | -                                | 1       | 1           | 7           | 74          | 44     | -        | a                        | 7.1                 | 13                           | 114                     | -  | 10.2                      |
| Unknown Race/Ethn                              | 4            | -                                | -       | -           | -           | 4           | -      | -        | a                        | a                   | -                            | 4                       | -  | a                         |
| <b>UNKNOWN</b>                                 | 550          | 9                                | 17      | 12          | 56          | 293         | 157    | 6        | 7.0                      | 17.3                | 127                          | 405                     | 18 | 23.9                      |
| White Non-Hispanic                             | 309          | 6                                | 6       | 5           | 24          | 165         | 103    | -        | 5.5                      | 13.3                | 62                           | 244                     | 3  | 20.3                      |
| Black Non-Hispanic                             | 89           | 2                                | 4       | 1           | 14          | 51          | 16     | 1        | 8.0                      | 23.9                | 28                           | 61                      | -  | 31.5                      |
| Other Non-Hispanic                             | 32           | -                                | 1       | -           | 1           | 21          | 9      | -        | a                        | a                   | 6                            | 26                      | -  | 18.8                      |
| Hispanic                                       | 68           | -                                | 5       | 5           | 12          | 30          | 16     | -        | 14.7                     | 32.4                | 21                           | 46                      | 1  | 31.3                      |
| Unknown Race/Ethn                              | 52           | 1                                | 1       | 1           | 5           | 26          | 13     | 5        | b                        | 17.0                | 10                           | 28                      | 14 | 26.3                      |















Table 11: Late/No PNC, Non-adequate PNC, Prematurity, Smoking

| GEOGRAPHIC AREA                 | 2012       |             |         | Significantly Different from Reference Group <sup>ab</sup> (p<0.01) | 2011 Percent | Significant Change 2011-2012 <sup>ab</sup> (p<0.05) |
|---------------------------------|------------|-------------|---------|---|--------------|---|
|                                 | No. Events | Denominator | Percent |   |              |   |
| <b>LATE OR NO PRENATAL CARE</b> |            |             |         |   |              |   |
| <i>Connecticut</i>              | 4,544      | 35,962      | 12.6    | Not Av  | 13.0         | n.s.  |
| <i>Health District</i>          |            |             |         |   |              |   |
| Central Connecticut             | 70         | 838         | 8.4     | Lower   | 11.0         | n.s.  |
| Chatham                         | 42         | 585         | 7.2     | Lower   | 6.6          | n.s.  |
| Chesprocott                     | 27         | 363         | 7.4     | Lower   | 8.5          | n.s.  |
| East Shore                      | 40         | 574         | 7.0     | Lower   | 8.8          | n.s.  |
| Farmington Valley               | 58         | 781         | 7.4     | Lower   | 9.1          | n.s.  |
| Naugatuck Valley                | 119        | 1,191       | 10      | Lower   | 8.3          | n.s.  |
| Northeast                       | 45         | 791         | 5.7     | Lower   | 7.8          | n.s.  |
| Trumbull-Monroe                 | 21         | 396         | 5.3     | Lower   | 4.9          | n.s.  |
| West Hartford-Bloomfield        | 76         | 763         | 10.0    | n.s.  | 13.8         | Decrease  |
| Weston-Westport                 | 10         | 236         | 4.2     | Lower   | 7.1          | n.s.  |
| <i>Town</i>                     |            |             |         |   |              |   |
| Bridgeport                      | 338        | 2,103       | 16.1    | Higher  | 21.6         | Decrease  |
| Danbury                         | 142        | 1,087       | 13.1    | n.s.  | 17.2         | Decrease  |
| East Hartford                   | 109        | 679         | 16.1    | Higher  | 14.8         | n.s.  |
| East Haven                      | 15         | 241         | 6.2     | Lower   | 10.5         | n.s.  |
| Fairfield                       | 19         | 466         | 4.1     | Lower   | 4.6          | n.s.  |
| Greenwich                       | 36         | 622         | 5.8     | Lower   | 7.3          | n.s.  |
| Hartford                        | 392        | 1,947       | 20.1    | Higher  | 22.0         | n.s.  |
| Meriden                         | 141        | 780         | 18.1    | Higher  | 14.6         | n.s.  |
| Milford                         | 32         | 434         | 7.4     | Lower   | 6.7          | n.s.  |
| Naugatuck                       | 46         | 358         | 12.8    | n.s.  | 8.2          | Increase  |
| New Britain                     | 187        | 1,039       | 18.0    | Higher  | 19.6         | n.s.  |
| New Haven                       | 435        | 1,866       | 23.3    | Higher  | 22.3         | n.s.  |
| Norwalk                         | 189        | 1,157       | 16.3    | Higher  | 16.3         | n.s.  |
| Shelton                         | 18         | 300         | 6       | Lower   | 4.8          | n.s.  |
| Trumbull                        | 14         | 268         | 5.2     | Lower   | 5.3          | n.s.  |
| Waterbury                       | 345        | 1,499       | 23      | Higher  | 15.5         | Increase  |
| West Hartford                   | 50         | 586         | 8.5     | Lower   | 12.3         | Decrease  |
| West Haven                      | 94         | 646         | 14.6    | n.s.  | 19.5         | Decrease  |
| Wethersfield                    | 17         | 264         | 6.4     | Lower   | 9.1          | n.s.  |

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| GEOGRAPHIC AREA                                 | 2012       |             |         | Significantly Different from Reference Group <sup>ab</sup> (p<0.01) | 2011 Percent | Significant Change 2011-2012 <sup>ab</sup> (p<0.05) |
|---|------------|-------------|---------|---|--------------|---|
|   | No. Events | Denominator | Percent |   |              |   |
| <b>NON-ADEQUATE PRENATAL CARE (APNCU Index)</b> |            |             |         |   |              |   |
| <i>Connecticut</i>                              | 8,371      | 35,718      | 23.4    | Not Av  | 22.2         | Increase  |
| <i>Health District</i>                          |            |             |         |   |              |   |
| Central Connecticut                             | 246        | 838         | 29.4    | Higher  | 29.7         | n.s.  |
| Chatham   | 129        | 581         | 22.2    | n.s.  | 17.4         | Increase  |
| Chesprocott                                     | 52         | 358         | 14.5    | Lower   | 17.4         | n.s.  |
| East Shore                                      | 124        | 562         | 22.1    | n.s.  | 15.7         | Increase  |
| Eastern Highlands                               | 114        | 513         | 22.2    | n.s.  | 16.3         | Increase  |
| Farmington Valley                               | 248        | 779         | 31.8    | Higher  | 27.7         | n.s.  |
| Ledge Light                                     | 187        | 1,328       | 14.1    | Lower   | 14.6         | n.s.  |
| Naugatuck Valley                                | 211        | 1,183       | 17.8    | Lower   | 15.6         | n.s.  |
| Northeast                                       | 78         | 756         | 10.3    | Lower   | 10.5         | n.s.  |
| Plainville-Southngtn                            | 104        | 481         | 21.6    | n.s.  | 30.6         | Decrease  |
| Pomperaug                                       | 30         | 251         | 12.0    | Lower   | 8.3          | n.s.  |
| Quinnipiack Valley                              | 167        | 867         | 19.3    | Lower   | 17.4         | n.s.  |
| Torrington Area                                 | 148        | 1,037       | 14.3    | Lower   | 14.7         | n.s.  |
| Uncas Regional                                  | 133        | 904         | 14.7    | Lower   | 14.3         | n.s.  |
| W Hrtfd-Bloomfield                              | 245        | 763         | 32.1    | Higher  | 27.7         | n.s.  |
| <i>Town</i>                                     |            |             |         |   |              |   |
| Branford  | 55         | 227         | 24.2    | n.s.  | 14.2         | Increase  |
| Bridgeport                                      | 711        | 2,097       | 33.9    | Higher  | 36           | n.s.  |
| Danbury   | 125        | 1,083       | 11.5    | Lower   | 11.8         | n.s.  |
| East Hartford                                   | 199        | 674         | 29.5    | Higher  | 24.8         | n.s.  |
| Fairfield                                       | 122        | 463         | 26.3    | n.s.  | 16.1         | Increase  |
| Groton  | 86         | 611         | 14.1    | Lower   | 14.6         | n.s.  |
| Hartford  | 529        | 1,937       | 27.3    | Higher  | 26.5         | n.s.  |
| Middletown                                      | 98         | 555         | 17.7    | Lower   | 19.6         | n.s.  |
| Naugatuck                                       | 50         | 357         | 14.0    | Lower   | 13.3         | n.s.  |
| New Britain                                     | 410        | 1,035       | 39.6    | Higher  | 37.0         | n.s.  |
| New Haven                                       | 479        | 1,842       | 26      | Higher  | 27.6         | n.s.  |
| Newington                                       | 79         | 249         | 31.7    | Higher  | 33.4         | n.s.  |
| New London                                      | 54         | 334         | 16.2    | Lower   | 15.6         | n.s.  |
| New Milford                                     | 16         | 238         | 6.7     | Lower   | 7.8          | n.s.  |
| Norwalk   | 317        | 1,153       | 27.5    | Higher  | 23.6         | Increase  |
| Norwich   | 89         | 521         | 17.1    | Lower   | 18.6         | n.s.  |
| Southington                                     | 65         | 319         | 20.4    | n.s.  | 28.5         | Decrease  |
| South Windsor                                   | 64         | 220         | 29.1    | n.s.  | 16.4         | Increase  |
| Stamford  | 646        | 1,750       | 36.9    | Higher  | 32.2         | Increase  |
| Torrington                                      | 58         | 369         | 15.7    | Lower   | 14.4         | n.s.  |
| Waterbury                                       | 261        | 1,497       | 17.4    | Lower   | 19.3         | n.s.  |
| West Hartford                                   | 169        | 586         | 28.8    | Higher  | 27.3         | n.s.  |
| Windsor   | 85         | 261         | 32.6    | Higher  | 30.5         | n.s.  |

Cont.

| GEOGRAPHIC AREA                 | 2012       |             |         | Significantly Different from Reference Group <sup>ab</sup> (p<0.01) | 2011 Percent | Significant Change 2011-2012 <sup>ab</sup> (p<0.05) |
|---------------------------------|------------|-------------|---------|---|--------------|---|
|                                 | No. Events | Denominator | Percent |   |              |   |
| <b>PREMATURITY<sup>c</sup></b>  |            |             |         |   |              |   |
| <i>Connecticut</i>              | 3,601      | 36,476      | 9.9     | Lower   | 10.2         | n.s.  |
| <i>Health District</i>          |            |             |         |   |              |   |
| Eastern Highlands               | 54         | 519         | 10.4    | n.s.  | 6.2          | Increase  |
| <i>Town</i>                     |            |             |         |   |              |   |
| East Hartford                   | 101        | 692         | 14.6    | Higher  | 13.3         | n.s.  |
| Farmington                      | 9          | 206         | 4.4     | Lower   | 8.7          | n.s.  |
| Groton                          | 41         | 621         | 6.6     | Lower   | 9.1          | n.s.  |
| Hartford                        | 249        | 1,967       | 12.7    | Higher  | 13.4         | n.s.  |
| Milford                         | 50         | 441         | 11.3    | n.s.  | 7.3          | Increase  |
| New Britain                     | 128        | 1,042       | 12.3    | Higher  | 13.0         | n.s.  |
| New Haven                       | 226        | 1,906       | 11.9    | Higher  | 11.9         | n.s.  |
| Newington                       | 18         | 250         | 7.2     | n.s.  | 13.7         | Decrease  |
| New Milford                     | 19         | 240         | 7.9     | n.s.  | 14.3         | Decrease  |
| West Haven                      | 87         | 666         | 13.1    | Higher  | 11.8         | n.s.  |
| <b>SMOKING DURING PREGNANCY</b> |            |             |         |   |              |   |
| <i>Connecticut</i>              | 1,654      | 36,468      | 4.5     | Not Av  | 4.6          | n.s.  |

Table 12, section on Late or No Prenatal Care

| RACE/ETHNICITY  | 2012       |             |         |   | 2011 Percent | Significant Change<br>2011-2012 <sup>a</sup> (p<0.05) |
|---|------------|-------------|---------|---|--------------|---|
|   | No. Events | Denominator | Percent | Significantly<br>Different from<br>White-NH <sup>a</sup> (p<0.01) |              |   |
| <b>LOW BIRTHWEIGHT</b>  |            |             |         |   |              |   |
| White, non-Hispanic   | 1,322      | 20,664      | 6.4     | n.a.  | 6.5          | n.s.  |
| Black, non-Hispanic   | 565        | 4,588       | 12.3    | Higher  | 11.8         | n.s.  |
| Hispanic  | 702        | 7,941       | 8.8     | Higher  | 7.9          | Increase  |
| <b>VERY LOW BIRTHWEIGHT</b>                                   |            |             |         |   |              |   |
| White, non-Hispanic   | 223        | 20,664      | 1.1     | n.a.  | 1.2          | n.s.  |
| Black, non-Hispanic   | 140        | 4,588       | 3.1     | Higher  | 3.2          | n.s.  |
| Hispanic  | 131        | 7,941       | 1.6     | Higher  | 1.5          | n.s.  |
| <b>TEEN BIRTHS</b>  |            |             |         |   |              |   |
| White, non-Hispanic   | 509        | 20,664      | 2.5     | n.a.  | 2.3          | n.s.  |
| Black, non-Hispanic   | 370        | 4,594       | 8.1     | Higher  | 9.7          | Decrease  |
| Hispanic  | 958        | 7,945       | 12.1    | Higher  | 12.3         | n.s.  |
| <b>LATE OR NO PRENATAL CARE</b>                               |            |             |         |   |              |   |
| White, non-Hispanic   | 1,725      | 20,357      | 8.5     | n.a.  | 8.8          | n.s.  |
| Black, non-Hispanic   | 913        | 4,505       | 20.3    | Higher  | 20.9         | n.s.  |
| Hispanic  | 1,520      | 7,877       | 19.3    | Higher  | 19.4         | n.s.  |
| <b>NON-ADEQUATE PRENATAL CARE (APNCU Index)</b>               |            |             |         |   |              |   |
| White, non-Hispanic   | 4,214      | 20,241      | 20.8    | n.a.  | 19.2         | Increase  |
| Black, non-Hispanic   | 1,330      | 4,472       | 29.7    | Higher  | 28.5         | n.s.  |
| Hispanic  | 2,093      | 7,842       | 26.7    | Higher  | 26.2         | n.s.  |
| <b>PREMATURITY<sup>b</sup></b>                                |            |             |         |   |              |   |
| White, non-Hispanic   | 1,784      | 20,653      | 8.6     | n.a.  | 9.0          | n.s.  |
| Black, non-Hispanic   | 589        | 4,592       | 12.8    | Higher  | 14.1         | n.s.  |
| Hispanic  | 908        | 7,939       | 11.4    | Higher  | 10.6         | n.s.  |
| <b>SMOKING DURING PREGNANCY</b>                               |            |             |         |   |              |   |
| White, non-Hispanic   | 1,128      | 20,654      | 5.5     | n.a.  | 5.5          | n.s.  |
| Black, non-Hispanic   | 183        | 4,588       | 4       | Lower   | 5.0          | Decrease  |
| Hispanic  | 289        | 7,936       | 3.6     | Lower   | 3.4          | n.s.  |
| <b>INFANT MORTALITY (per 1,000 live births)</b>               |            |             |         |   |              |   |
| White, non-Hispanic   | 74         | 20,666      | 3.58    | n.a.  | 3.75         | n.s.  |
| Black, non-Hispanic   | 55         | 4,594       | 11.97   | Higher  | 9.83         | n.s.  |
| Hispanic  | 57         | 7,945       | 7.17    | Higher  | 5.95         | n.s.  |
| <b>FETAL MORTALITY (per 1,000 live births + fetal deaths)</b> |            |             |         |   |              |   |
| White, non-Hispanic   | 66         | 20,732      | 3.18    | Lower   | 4.16         | n.s.  |
| Black, non-Hispanic   | 32         | 4,626       | 6.92    | Higher  | 10.57        | n.s.  |
| Hispanic  | 54         | 7,999       | 6.75    | Higher  | 4.39         | Increase  |