

**The feto-infant mortality number and rate, and the number and rates for the four Perinatal Periods of Risk components for the non-Hispanic white population, 20 years of age or older, at least 13 years of education**

US urban Counties and Cities with over 250,000 population by State, 2000-2002

Excluded are areas with fewer than 60 overall PPOR deaths

Classification of major reporting problems

- A Over 10% missing infant deaths, 5% or more of them are unlinked
- B Over 10% missing infant deaths, 5% or more of them are linked
- C Over 10% missing fetal deaths
- D Over 10% imputed combined deaths, 10% or more imputed infant deaths
- E Over 10% imputed combined deaths, 10% or more imputed fetal deaths
- F Over 10% unknown maternal education, combined, infant, and fetal deaths
- G Over 10% unknown maternal education, combined and fetal deaths
- H Over 10% unknown maternal education, combined and infant deaths
- I Over 10% unknown maternal education, fetal deaths
- J Over 10% unknown maternal race/ethnicity, combined, infant, and fetal deaths
- K Over 10% unknown maternal race/ethnicity, combined and fetal deaths
- L Over 10% unknown maternal race/ethnicity, fetal deaths

	Feto-Infant Mortality		Maternal Health/Prematurity		Maternal Care		Newborn Care		Infant Health		Major Reporting Problems
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
<b>Alabama</b>	<b>405</b>	<b>6.9</b>	<b>165</b>	<b>2.8</b>	<b>102</b>	<b>1.7</b>	<b>79</b>	<b>1.3</b>	<b>59</b>	<b>1.0</b>	
<b>Arizona</b>	<b>420</b>	<b>6.2</b>	<b>151</b>	<b>2.2</b>	<b>109</b>	<b>1.6</b>	<b>89</b>	<b>1.3</b>	<b>71</b>	<b>1.0</b>	
Maricopa	287	5.9	107	2.2	72	1.5	68	1.4	40	0.8	
Phoenix	77	6.0	35	2.7	11	0.9	22	1.7	9	NA	
Pima	63	7.1	20	2.2	21	2.4	12	1.3	10	1.1	
<b>Arkansas</b>	<b>247</b>	<b>7.5</b>	<b>84</b>	<b>2.6</b>	<b>61</b>	<b>1.9</b>	<b>43</b>	<b>1.3</b>	<b>59</b>	<b>1.8</b>	
<b>California</b>	<b>1,859</b>	<b>5.7</b>	<b>722</b>	<b>2.2</b>	<b>519</b>	<b>1.6</b>	<b>336</b>	<b>1.0</b>	<b>282</b>	<b>0.9</b>	
Alameda	76	5.5	32	2.3	20	1.4	17	1.2	7	NA	
Los Angeles	341	5.6	141	2.3	95	1.6	56	0.9	49	0.8	I
Los Angeles	130	5.6	50	2.2	41	1.8	22	1.0	17	0.7	I
Orange	195	5.6	82	2.4	49	1.4	29	0.8	35	1.0	
Riverside	74	5.4	28	2.0	12	0.9	17	1.2	17	1.2	
Sacramento	85	5.5	36	2.3	20	1.3	13	0.8	16	1.0	
San Bernardino	105	8.1	39	3.0	28	2.2	23	1.8	15	1.2	
San Diego	171	5.1	68	2.0	47	1.4	31	0.9	25	0.7	
San Diego	61	4.4	25	1.8	16	1.2	10	0.7	10	0.7	
Santa Clara	94	5.0	36	1.9	34	1.8	12	0.6	12	0.6	
<b>Colorado</b>	<b>453</b>	<b>5.7</b>	<b>174</b>	<b>2.2</b>	<b>147</b>	<b>1.8</b>	<b>68</b>	<b>0.8</b>	<b>64</b>	<b>0.8</b>	I
<b>Connecticut</b>	<b>251</b>	<b>4.2</b>	<b>116</b>	<b>1.9</b>	<b>39</b>	<b>0.6</b>	<b>61</b>	<b>1.0</b>	<b>35</b>	<b>0.6</b>	G,L
Fairfield	83	4.3	34	1.8	23	1.2	16	0.8	10	0.5	G
<b>Florida</b>	<b>970</b>	<b>5.8</b>	<b>367</b>	<b>2.2</b>	<b>276</b>	<b>1.7</b>	<b>162</b>	<b>1.0</b>	<b>165</b>	<b>1.0</b>	I
Broward	81	4.8	34	2.0	20	1.2	12	0.7	15	0.9	
Hillsborough	79	6.1	28	2.2	20	1.6	11	0.9	20	1.6	I
Palm Beach	75	5.8	29	2.2	17	1.3	16	1.2	13	1.0	I
Pinellas	66	6.1	30	2.8	18	1.7	9	NA	9	NA	
<b>Georgia</b>	<b>508</b>	<b>4.6</b>	<b>189</b>	<b>1.7</b>	<b>93</b>	<b>0.8</b>	<b>122</b>	<b>1.1</b>	<b>104</b>	<b>0.9</b>	G,L
<b>Idaho</b>	<b>203</b>	<b>7.4</b>	<b>70</b>	<b>2.5</b>	<b>62</b>	<b>2.2</b>	<b>35</b>	<b>1.3</b>	<b>36</b>	<b>1.3</b>	
<b>Illinois</b>	<b>1,190</b>	<b>6.1</b>	<b>485</b>	<b>2.5</b>	<b>319</b>	<b>1.6</b>	<b>204</b>	<b>1.0</b>	<b>182</b>	<b>0.9</b>	
Cook	328	5.5	141	2.4	90	1.5	58	1.0	39	0.7	I
Chicago	116	5.2	55	2.5	31	1.4	19	0.8	11	0.5	I
Du Page	124	5.8	55	2.6	33	1.5	20	0.9	16	0.7	
Lake	76	5.4	31	2.2	25	1.8	11	0.8	9	NA	F
Will	79	6.0	35	2.7	21	1.6	11	0.8	12	0.9	

	Feto-Infant Mortality		Maternal Health/Prematurity		Maternal Care		Newborn Care		Infant Health		Major Reporting Problems
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
<b>Indiana</b>	<b>662</b>	<b>6.6</b>	<b>233</b>	<b>2.3</b>	<b>181</b>	<b>1.8</b>	<b>130</b>	<b>1.3</b>	<b>118</b>	<b>1.2</b>	
Marion	96	7.0	32	2.3	32	2.3	13	0.9	19	1.4	
Indianapolis	87	6.6	29	2.2	28	2.1	12	0.9	18	1.4	
<b>Iowa</b>	<b>367</b>	<b>6.2</b>	<b>127</b>	<b>2.1</b>	<b>116</b>	<b>2.0</b>	<b>56</b>	<b>0.9</b>	<b>68</b>	<b>1.1</b>	
<b>Kansas</b>	<b>323</b>	<b>6.2</b>	<b>122</b>	<b>2.4</b>	<b>77</b>	<b>1.5</b>	<b>68</b>	<b>1.3</b>	<b>56</b>	<b>1.1</b>	
Johnson	89	6.2	34	2.4	20	1.4	20	1.4	15	1.0	
<b>Kentucky</b>	<b>399</b>	<b>6.5</b>	<b>146</b>	<b>2.4</b>	<b>119</b>	<b>1.9</b>	<b>77</b>	<b>1.2</b>	<b>57</b>	<b>0.9</b>	
Jefferson	68	5.7	23	1.9	23	1.9	13	1.1	9	NA	
<b>Louisiana</b>	<b>324</b>	<b>6.3</b>	<b>134</b>	<b>2.6</b>	<b>69</b>	<b>1.3</b>	<b>59</b>	<b>1.1</b>	<b>62</b>	<b>1.2</b>	
<b>Maine</b>	<b>100</b>	<b>4.8</b>	<b>33</b>	<b>1.6</b>	<b>33</b>	<b>1.6</b>	<b>20</b>	<b>1.0</b>	<b>14</b>	<b>0.7</b>	E,I,K
<b>Maryland</b>	<b>430</b>	<b>5.5</b>	<b>182</b>	<b>2.3</b>	<b>114</b>	<b>1.5</b>	<b>76</b>	<b>1.0</b>	<b>58</b>	<b>0.7</b>	I
Montgomery	81	4.8	31	1.9	26	1.6	14	0.8	10	0.6	G
<b>Massachusetts</b>	<b>514</b>	<b>4.1</b>	<b>229</b>	<b>1.8</b>	<b>117</b>	<b>0.9</b>	<b>82</b>	<b>0.7</b>	<b>86</b>	<b>0.7</b>	G,K
Essex	67	4.4	31	2.1	15	1.0	12	0.8	9	NA	I,K
Middlesex	133	3.9	63	1.9	25	0.7	18	0.5	27	0.8	G,K
Worcester	68	4.4	25	1.6	19	1.2	12	0.8	12	0.8	L
<b>Michigan</b>	<b>804</b>	<b>5.3</b>	<b>359</b>	<b>2.4</b>	<b>149</b>	<b>1.0</b>	<b>176</b>	<b>1.2</b>	<b>120</b>	<b>0.8</b>	I,L
Kent*	78	6.4	39	3.2	NA	NA	NA	NA	NA	NA	I
Macomb	78	5.6	41	3.0	10	0.7	15	1.1	12	0.9	L
Oakland	111	4.6	45	1.9	28	1.2	21	0.9	17	0.7	G
Wayne	82	4.3	33	1.7	17	0.9	18	0.9	14	0.7	G
<b>Minnesota</b>	<b>566</b>	<b>5.3</b>	<b>180</b>	<b>1.7</b>	<b>193</b>	<b>1.8</b>	<b>108</b>	<b>1.0</b>	<b>85</b>	<b>0.8</b>	I
Hennepin	113	4.8	41	1.7	38	1.6	20	0.9	14	0.6	F
<b>Mississippi</b>	<b>246</b>	<b>7.3</b>	<b>101</b>	<b>3.0</b>	<b>54</b>	<b>1.6</b>	<b>52</b>	<b>1.5</b>	<b>39</b>	<b>1.2</b>	I
<b>Missouri</b>	<b>540</b>	<b>5.8</b>	<b>210</b>	<b>2.3</b>	<b>138</b>	<b>1.5</b>	<b>96</b>	<b>1.0</b>	<b>96</b>	<b>1.0</b>	
Jackson	62	6.0	20	1.9	20	1.9	14	1.4	8	NA	
St. Louis	99	5.2	45	2.4	24	1.3	16	0.8	14	0.7	
<b>Montana</b>	<b>109</b>	<b>7.5</b>	<b>33</b>	<b>2.3</b>	<b>28</b>	<b>1.9</b>	<b>22</b>	<b>1.5</b>	<b>26</b>	<b>1.8</b>	
<b>Nebraska</b>	<b>263</b>	<b>7.0</b>	<b>90</b>	<b>2.4</b>	<b>68</b>	<b>1.8</b>	<b>58</b>	<b>1.6</b>	<b>47</b>	<b>1.3</b>	
Douglas	80	7.3	24	2.2	24	2.2	21	1.9	11	1.0	
<b>Nevada</b>	<b>162</b>	<b>7.1</b>	<b>60</b>	<b>2.6</b>	<b>47</b>	<b>2.1</b>	<b>25</b>	<b>1.1</b>	<b>30</b>	<b>1.3</b>	
Clark	109	6.9	37	2.3	35	2.2	17	1.1	20	1.3	
Las Vegas	61	6.1	22	2.2	16	1.6	11	1.1	12	1.2	
<b>New Hampshire</b>	<b>120</b>	<b>5.1</b>	<b>34</b>	<b>1.4</b>	<b>37</b>	<b>1.6</b>	<b>24</b>	<b>1.0</b>	<b>25</b>	<b>1.1</b>	J
<b>New Jersey</b>	<b>615</b>	<b>4.7</b>	<b>273</b>	<b>2.1</b>	<b>169</b>	<b>1.3</b>	<b>96</b>	<b>0.7</b>	<b>77</b>	<b>0.6</b>	G
Bergen	65	4.2	34	2.2	17	1.1	8	NA	6	NA	F
<b>New Mexico</b>	<b>81</b>	<b>5.6</b>	<b>26</b>	<b>1.8</b>	<b>22</b>	<b>1.5</b>	<b>18</b>	<b>1.3</b>	<b>15</b>	<b>1.0</b>	G
<b>New York</b>	<b>1,059</b>	<b>4.4</b>	<b>432</b>	<b>1.8</b>	<b>287</b>	<b>1.2</b>	<b>172</b>	<b>0.7</b>	<b>168</b>	<b>0.7</b>	E,G
New York City	253	4.2	111	1.8	74	1.2	35	0.6	33	0.5	E,G
Brooklyn borough	72	4.1	33	1.9	20	1.2	8	NA	11	0.6	E,G
Manhattan borough	93	4.5	44	2.1	30	1.5	13	0.6	6	NA	E,I,L
Erie	75	5.2	26	1.8	21	1.5	16	1.1	12	0.8	G
Nassau	97	4.0	49	2.0	24	1.0	10	0.4	14	0.6	C,E,G
Suffolk	83	2.9	39	1.4	12	0.4	14	0.5	18	0.6	E,G
<b>North Carolina</b>	<b>713</b>	<b>5.9</b>	<b>301</b>	<b>2.5</b>	<b>180</b>	<b>1.5</b>	<b>123</b>	<b>1.0</b>	<b>109</b>	<b>0.9</b>	
Mecklenburg	95	6.5	31	2.1	27	1.8	19	1.3	18	1.2	
Charlotte	76	6.4	21	1.8	23	1.9	16	1.3	16	1.3	
Wake	94	6.0	51	3.2	23	1.5	12	0.8	8	NA	

	Feto-Infant Mortality		Maternal Health/Prematurity		Maternal Care		Newborn Care		Infant Health		Major Reporting Problems
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
<b>North Dakota</b>	<b>105</b>	<b>8.0</b>	<b>37</b>	<b>2.8</b>	<b>26</b>	<b>2.0</b>	<b>20</b>	<b>1.5</b>	<b>22</b>	<b>1.7</b>	
<b>Ohio</b>	<b>1,115</b>	<b>6.1</b>	<b>429</b>	<b>2.3</b>	<b>283</b>	<b>1.5</b>	<b>226</b>	<b>1.2</b>	<b>177</b>	<b>1.0</b>	
Cuyahoga	104	5.3	44	2.3	30	1.5	18	0.9	12	0.6	
Franklin	121	5.9	52	2.5	26	1.3	25	1.2	18	0.9	
Hamilton	79	5.9	38	2.9	16	1.2	13	1.0	12	0.9	
<b>Oklahoma*</b>	<b>204</b>	<b>4.4</b>	<b>79</b>	<b>1.7</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>C,E,I,K</b>
<b>Oregon</b>	<b>332</b>	<b>6.2</b>	<b>119</b>	<b>2.2</b>	<b>96</b>	<b>1.8</b>	<b>61</b>	<b>1.1</b>	<b>56</b>	<b>1.0</b>	
Multnomah	67	6.1	20	1.8	22	2.0	15	1.4	10	0.9	
<b>Pennsylvania</b>	<b>973</b>	<b>5.4</b>	<b>368</b>	<b>2.0</b>	<b>293</b>	<b>1.6</b>	<b>171</b>	<b>0.9</b>	<b>141</b>	<b>0.8</b>	<b>G</b>
Allegheny	102	4.7	31	1.4	38	1.8	14	0.6	19	0.9	H
Montgomery	98	5.6	35	2.0	24	1.4	22	1.3	17	1.0	F
<b>South Carolina</b>	<b>317</b>	<b>6.7</b>	<b>126</b>	<b>2.7</b>	<b>89</b>	<b>1.9</b>	<b>61</b>	<b>1.3</b>	<b>41</b>	<b>0.9</b>	
<b>South Dakota</b>	<b>84</b>	<b>6.0</b>	<b>25</b>	<b>1.8</b>	<b>19</b>	<b>1.4</b>	<b>12</b>	<b>0.9</b>	<b>28</b>	<b>2.0</b>	
<b>Tennessee</b>	<b>479</b>	<b>6.2</b>	<b>194</b>	<b>2.5</b>	<b>99</b>	<b>1.3</b>	<b>88</b>	<b>1.1</b>	<b>98</b>	<b>1.3</b>	<b>I</b>
Shelby	62	6.2	29	2.9	14	1.4	9	NA	10	1.0	L
<b>Texas</b>	<b>1,309</b>	<b>5.8</b>	<b>482</b>	<b>2.1</b>	<b>358</b>	<b>1.6</b>	<b>216</b>	<b>1.0</b>	<b>253</b>	<b>1.1</b>	
Bexar	62	5.4	20	1.8	14	1.2	9	NA	19	1.7	
Collin	66	4.5	30	2.0	15	1.0	6	NA	15	1.0	
Dallas	117	5.7	36	1.7	42	2.0	21	1.0	18	0.9	H
Harris	166	5.1	71	2.2	41	1.3	19	0.6	35	1.1	
Houston	79	5.2	37	2.5	17	1.1	5	NA	20	1.3	
Tarrant	131	6.4	48	2.4	35	1.7	30	1.5	18	0.9	I
Travis	63	4.8	21	1.6	25	1.9	7	NA	10	0.8	
<b>Utah</b>	<b>398</b>	<b>5.8</b>	<b>124</b>	<b>1.8</b>	<b>110</b>	<b>1.6</b>	<b>96</b>	<b>1.4</b>	<b>68</b>	<b>1.0</b>	
Salt Lake	133	5.8	39	1.7	41	1.8	30	1.3	23	1.0	
Utah	113	6.1	42	2.3	22	1.2	27	1.5	22	1.2	
<b>Virginia</b>	<b>551</b>	<b>4.9</b>	<b>227</b>	<b>2.0</b>	<b>113</b>	<b>1.0</b>	<b>107</b>	<b>0.9</b>	<b>104</b>	<b>0.9</b>	<b>E,G,L</b>
Fairfax	67	3.5	26	1.4	9	NA	19	1.0	13	0.7	E,G,K
<b>Washington</b>	<b>500</b>	<b>5.5</b>	<b>167</b>	<b>1.8</b>	<b>138</b>	<b>1.5</b>	<b>101</b>	<b>1.1</b>	<b>94</b>	<b>1.0</b>	<b>F</b>
King	116	4.0	36	1.3	36	1.3	26	0.9	18	0.6	F,K
Pierce	66	6.4	24	2.3	16	1.6	17	1.6	9	NA	F
Snohomish	67	6.3	21	2.0	17	1.6	12	1.1	17	1.6	F,L
<b>West Virginia</b>	<b>151</b>	<b>6.5</b>	<b>71</b>	<b>3.1</b>	<b>32</b>	<b>1.4</b>	<b>24</b>	<b>1.0</b>	<b>24</b>	<b>1.0</b>	<b>I</b>
<b>Wisconsin</b>	<b>638</b>	<b>6.5</b>	<b>227</b>	<b>2.3</b>	<b>200</b>	<b>2.0</b>	<b>120</b>	<b>1.2</b>	<b>91</b>	<b>0.9</b>	
Milwaukee	88	6.9	35	2.7	27	2.1	14	1.1	12	0.9	I
<b>Wyoming</b>	<b>60</b>	<b>7.1</b>	<b>24</b>	<b>2.9</b>	<b>17</b>	<b>2.0</b>	<b>11</b>	<b>1.3</b>	<b>8</b>	<b>NA</b>	
<b>USA</b>	<b>22,378</b>	<b>5.7</b>	<b>8,636</b>	<b>2.2</b>	<b>5,853</b>	<b>1.5</b>	<b>4,168</b>	<b>1.1</b>	<b>3,721</b>	<b>0.9</b>	<b>I</b>

Source: National Center for Health Statistics, perinatal mortality data 2000-2002

Prepared by March of Dimes Perinatal Data Center, 2006

\* In Oklahoma and Kent county Michigan, counts and rates are suppressed because one of the component categories had fewer than 5 deaths. Only Feto-Infant Mortality and Maternal Health/Prematurity are shown.

Technical notes:

The national reference group consists of all white non-Hispanic women, 20 years of age or older, with 13 or more years of education. The NCHS variable ORRACEM was used to identify records as white non-Hispanic. Those with unknown or missing Hispanic ethnicity were not included. Among non-Hispanic white infants, NCHS imputed race for approximately 0.3% of records.