

**Ohio Scorecard for Ohio**  
**10/01/2016 To 09/30/2017**

	Race or Ethnicity			
	All Races	White Race	Black Race	Hispanic Ethnicity
<b>Infants</b>				
Infant Mortality Rate	7.3	5.4 *	15.4	6.6
Neonatal Mortality Rate	5.0	3.6 *	11.3	5.3
Post-Neonatal Mortality Rate	2.3	1.8 *	4.2	1.4 *
Fetal Mortality Rate	6.2	5.2 *	10.2	**
Perinatal Mortality Rate	7.0	5.5 *	13.6	4.3 *
SUIDS Mortality Rate	1.14	0.85	2.45	**
Preterm birth percent	10.4	9.5	14.4	11.2
Late preterm birth percent	7.4	7.0	9.2	8.1
Early preterm birth percent	3.0	2.5	5.2	3.1
Extreme preterm birth percent	1.8	1.4 *	3.4	1.7
Early term birth percent	25.7	24.7	28.8	28.0
Low birthweight birth percent	8.7	7.3 *	14.2	9.0
Moderately low birthweight birth percent	7.1	6.1 *	11.2	7.4
Very low birthweight birth percent	1.5	1.2 *	3.0	1.5
<b>Mothers</b>				
Interpregnancy Interval less than 18 months percent	34.2	34.8	34.7	29.1 *
Prenatal care received in first trimester percent	72.0	75.1	61.2	63.7
Adequacy of prenatal care percent	75.8	79.1 *	63.8	69.0
Mother's smoking abstinence third trimester percent	88.8 *	87.3	91.9 *	95.1 *
Mother's alcohol abstinence third trimester percent	99.7 *	99.7 *	99.6 *	99.8 *
Mother had breast fed baby at discharge percent	73.1	74.5	64.7	74.4
Normal weight pre-pregnancy percent	34.6	35.5	29.7	30.4
Obese weight pre-pregnancy percent	31.1	30.1 *	38.0	34.8
Appropriate weight gain during pregnancy percent	27.6	27.8	25.2	27.2

\* Meets target

\*\* data are suppressed due to low numbers

Data last updated 04/02/2018

**OEI Counties Scorecard for Ohio**  
**10/01/2016 To 09/30/2017**

	Race or Ethnicity			
	All Races	White Race	Black Race	Hispanic Ethnicity
<b>Infants</b>				
Infant Mortality Rate	8.2	4.9 *	16.0	6.5
Neonatal Mortality Rate	5.9	3.5 *	11.7	5.1
Post-Neonatal Mortality Rate	2.3	1.5 *	4.2	**
Fetal Mortality Rate	7.2	5.6 *	10.8	**
Perinatal Mortality Rate	8.2	5.7 *	14.3	4.7 *
SUIDS Mortality Rate	1.21	0.67 *	2.52	**
Preterm birth percent	11.0	9.5	14.5	11.1
Late preterm birth percent	7.7	7.0	9.3	8.0
Early preterm birth percent	3.3	2.5	5.2	3.1
Extreme preterm birth percent	2.0	1.4 *	3.4	1.8
Early term birth percent	25.8	24.0	28.8	27.4
Low birthweight birth percent	9.5	7.3 *	14.3	9.1
Moderately low birthweight birth percent	7.7	6.0 *	11.2	7.5
Very low birthweight birth percent	1.8	1.3 *	3.1	1.6
<b>Mothers</b>				
Interpregnancy Interval less than 18 months percent	33.4	34.3	34.5	27.7 *
Prenatal care received in first trimester percent	70.8	76.4	60.9	63.4
Adequacy of prenatal care percent	73.1	78.4 *	63.1	67.7
Mother's smoking abstinence third trimester percent	91.1 *	89.3 *	92.7 *	96.0 *
Mother's alcohol abstinence third trimester percent	99.6 *	99.6 *	99.6 *	99.8 *
Mother had breast fed baby at discharge percent	74.3	77.5	65.4	76.7
Normal weight pre-pregnancy percent	34.9	36.9	29.7	30.3
Obese weight pre-pregnancy percent	30.7	28.0 *	38.2	34.2
Appropriate weight gain during pregnancy percent	27.5	28.2	25.0	27.2

\* Meets target

\*\* data are suppressed due to low numbers

Data last updated 04/02/2018

**Non-OEI Counties Scorecard for Ohio  
10/01/2016 To 09/30/2017**

	Race or Ethnicity			
	All Races	White Race	Black Race	Hispanic Ethnicity
<b>Infants</b>				
Infant Mortality Rate	6.2	5.7 *	11.8	6.8
Neonatal Mortality Rate	3.9 *	3.6 *	8.2	5.6
Post-Neonatal Mortality Rate	2.2	2.1	3.6	**
Fetal Mortality Rate	5.1 *	4.9 *	5.8	**
Perinatal Mortality Rate	5.6 *	5.2 *	8.8	**
SUIDS Mortality Rate	1.05	1.00	**	**
Preterm birth percent	9.7	9.5	13.5	11.3
Late preterm birth percent	7.1	7.0	8.6	8.3
Early preterm birth percent	2.6	2.5	4.9	3.1
Extreme preterm birth percent	1.5 *	1.4 *	3.3	1.6
Early term birth percent	25.5	25.2	28.7	29.2
Low birthweight birth percent	7.7 *	7.3 *	13.7	8.7
Moderately low birthweight birth percent	6.5	6.2 *	11.1	7.4
Very low birthweight birth percent	1.2 *	1.1 *	2.6	1.2 *
<b>Mothers</b>				
Interpregnancy Interval less than 18 months percent	34.9	35.2	35.4	31.8
Prenatal care received in first trimester percent	73.3	74.1	63.3	64.2
Adequacy of prenatal care percent	78.8 *	79.6 *	69.0	71.7
Mother's smoking abstinence third trimester percent	86.2	85.8	86.2	93.2 *
Mother's alcohol abstinence third trimester percent	99.8 *	99.8 *	99.5 *	**
Mother had breast fed baby at discharge percent	71.8	72.2	60.0	69.8
Normal weight pre-pregnancy percent	34.3	34.3	29.2	30.6
Obese weight pre-pregnancy percent	31.7	31.6	37.2	36.0
Appropriate weight gain during pregnancy percent	27.7	27.5	26.2	27.2

\* Meets target

\*\* data are suppressed due to low numbers

Data last updated 04/02/2018

**Butler County Scorecard for Ohio  
10/01/2016 To 09/30/2017**

	Race or Ethnicity			
	All Races	White Race	Black Race	Hispanic Ethnicity
<b>Infants</b>				
Infant Mortality Rate	5.8 *	4.1 *	**	**
Neonatal Mortality Rate	3.8 *	**	**	**
Post-Neonatal Mortality Rate	**	**	**	**
Fetal Mortality Rate	7.4	7.0	**	**
Perinatal Mortality Rate	6.9	5.0 *	**	**
SUIDS Mortality Rate	**	**	**	**
Preterm birth percent	9.8	9.2 *	13.6	10.3
Late preterm birth percent	7.2	6.7 *	11.1	6.7 *
Early preterm birth percent	2.6	2.5	2.5	3.6
Extreme preterm birth percent	1.4 *	1.1 *	**	2.4
Early term birth percent	23.7	22.7	26.0	26.7
Low birthweight birth percent	7.7 *	6.9 *	10.7	10.0
Moderately low birthweight birth percent	6.5	5.9 *	8.9	8.1
Very low birthweight birth percent	1.2 *	1.0 *	**	**
<b>Mothers</b>				
Interpregnancy Interval less than 18 months percent	31.8	33.7	30.0	21.3 *
Prenatal care received in first trimester percent	71.8	74.3	64.7	60.3
Adequacy of prenatal care percent	80.5 *	82.8 *	74.3	70.4
Mother's smoking abstinence third trimester percent	89.2 *	86.9	94.2 *	**
Mother's alcohol abstinence third trimester percent	**	**	**	**
Mother had breast fed baby at discharge percent	68.6	68.1	63.7	73.5
Normal weight pre-pregnancy percent	35.5	35.9	31.0	30.3
Obese weight pre-pregnancy percent	31.4	31.0	38.6	32.3
Appropriate weight gain during pregnancy percent	27.6	27.1	24.6	31.4

\* Meets target

\*\* data are suppressed due to low numbers

Data last updated 04/02/2018

**Cuyahoga County Scorecard for Ohio  
10/01/2016 To 09/30/2017**

	Race or Ethnicity			
	All Races	White Race	Black Race	Hispanic Ethnicity
<b>Infants</b>				
Infant Mortality Rate	9.4	3.9 *	17.9	10.0
Neonatal Mortality Rate	6.7	2.6 *	12.9	**
Post-Neonatal Mortality Rate	2.7	1.3 *	5.0	**
Fetal Mortality Rate	7.8	5.3 *	10.5	**
Perinatal Mortality Rate	8.7	5.1 *	13.7	**
SUIDS Mortality Rate	1.45	**	2.95	**
Preterm birth percent	12.2	9.4 *	16.5	10.8
Late preterm birth percent	8.5	7.0	10.6	8.6
Early preterm birth percent	3.7	2.3	5.9	2.2
Extreme preterm birth percent	2.4	1.3 *	4.1	1.3 *
Early term birth percent	26.2	23.4	29.8	25.6
Low birthweight birth percent	10.9	7.2 *	16.1	8.1
Moderately low birthweight birth percent	8.6	6.0 *	12.3	7.1
Very low birthweight birth percent	2.3	1.3 *	3.8	1.0 *
<b>Mothers</b>				
Interpregnancy Interval less than 18 months percent	31.1	34.5	28.5 *	28.7 *
Prenatal care received in first trimester percent	70.7	78.5 *	60.2	70.5
Adequacy of prenatal care percent	73.3	80.9 *	62.5	72.3
Mother's smoking abstinence third trimester percent	93.2 *	92.0 *	93.9 *	95.7 *
Mother's alcohol abstinence third trimester percent	99.7 *	99.6 *	99.6 *	**
Mother had breast fed baby at discharge percent	76.8	82.8 *	66.7	80.6
Normal weight pre-pregnancy percent	34.4	38.8	27.6	28.7
Obese weight pre-pregnancy percent	31.4	25.5 *	41.0	38.7
Appropriate weight gain during pregnancy percent	28.3	29.2	26.2	26.0

\* Meets target

\*\* data are suppressed due to low numbers

Data last updated 04/02/2018

**Franklin County Scorecard for Ohio  
10/01/2016 To 09/30/2017**

	Race or Ethnicity			
	All Races	White Race	Black Race	Hispanic Ethnicity
<b>Infants</b>				
Infant Mortality Rate	8.6	5.8 *	14.6	**
Neonatal Mortality Rate	6.5	4.6	11.1	**
Post-Neonatal Mortality Rate	2.1	1.2 *	3.5	**
Fetal Mortality Rate	7.3	5.7	11.3	**
Perinatal Mortality Rate	9.6	7.5	15.5	**
SUIDS Mortality Rate	0.96	**	**	**
Preterm birth percent	10.4	9.4 *	12.8	10.4
Late preterm birth percent	7.3	6.8 *	8.4	7.6
Early preterm birth percent	3.2	2.6	4.4	2.8
Extreme preterm birth percent	2.0	1.7	2.7	1.7
Early term birth percent	25.2	24.4	25.5	25.3
Low birthweight birth percent	9.1	7.1 *	12.3	7.9
Moderately low birthweight birth percent	7.3	5.7 *	9.8	6.1 *
Very low birthweight birth percent	1.8	1.4 *	2.5	1.7
<b>Mothers</b>				
Interpregnancy Interval less than 18 months percent	34.4	33.3	40.7	24.5 *
Prenatal care received in first trimester percent	70.5	77.7	59.6	62.8
Adequacy of prenatal care percent	65.8	71.4	56.9	61.7
Mother's smoking abstinence third trimester percent	92.9 *	91.0 *	93.9 *	98.0 *
Mother's alcohol abstinence third trimester percent	99.5 *	99.4 *	99.6 *	**
Mother had breast fed baby at discharge percent	78.9	80.5	73.3	83.0 *
Normal weight pre-pregnancy percent	36.9	38.3	33.4	30.6
Obese weight pre-pregnancy percent	28.2 *	26.1 *	33.5	33.8
Appropriate weight gain during pregnancy percent	27.8	29.2	24.1	28.5

\* Meets target

\*\* data are suppressed due to low numbers

Data last updated 04/02/2018

**Hamilton County Scorecard for Ohio  
10/01/2016 To 09/30/2017**

	Race or Ethnicity			
	All Races	White Race	Black Race	Hispanic Ethnicity
<b>Infants</b>				
Infant Mortality Rate	9.0	4.7 *	17.2	**
Neonatal Mortality Rate	7.2	3.6 *	14.4	**
Post-Neonatal Mortality Rate	1.8 *	**	2.8	**
Fetal Mortality Rate	6.6	4.9 *	10.6	**
Perinatal Mortality Rate	8.7	4.9 *	17.2	**
SUIDS Mortality Rate	1.02	**	**	**
Preterm birth percent	11.4	10.0	14.5	10.4
Late preterm birth percent	8.0	7.3	9.1	7.8
Early preterm birth percent	3.4	2.6	5.3	2.6
Extreme preterm birth percent	2.1	1.5 *	3.6	1.9
Early term birth percent	26.2	23.0	31.5	32.3
Low birthweight birth percent	9.9	7.4 *	14.9	8.7
Moderately low birthweight birth percent	8.0	6.1 *	11.5	6.9
Very low birthweight birth percent	2.0	1.3 *	3.4	1.8
<b>Mothers</b>				
Interpregnancy Interval less than 18 months percent	33.6	35.0	33.5	24.9 *
Prenatal care received in first trimester percent	72.4	77.9 *	65.5	57.1
Adequacy of prenatal care percent	76.3	80.6 *	70.1	66.0
Mother's smoking abstinence third trimester percent	91.9 *	90.2 *	93.4 *	98.4 *
Mother's alcohol abstinence third trimester percent	99.6 *	99.5 *	99.6 *	**
Mother had breast fed baby at discharge percent	72.8	77.6	62.1	79.7
Normal weight pre-pregnancy percent	36.3	39.8	28.9	34.6
Obese weight pre-pregnancy percent	28.3 *	24.0 *	38.4	23.6 *
Appropriate weight gain during pregnancy percent	27.2	28.8	23.6	31.3

\* Meets target

\*\* data are suppressed due to low numbers

Data last updated 04/02/2018

**Lucas County Scorecard for Ohio**  
**10/01/2016 To 09/30/2017**

	Race or Ethnicity			
	All Races	White Race	Black Race	Hispanic Ethnicity
<b>Infants</b>				
Infant Mortality Rate	9.6	6.1	18.8	**
Neonatal Mortality Rate	5.9	4.1 *	11.0	**
Post-Neonatal Mortality Rate	3.7	**	7.8	**
Fetal Mortality Rate	4.4 *	4.1 *	**	**
Perinatal Mortality Rate	6.1	4.7 *	10.3	**
SUIDS Mortality Rate	**	**	**	**
Preterm birth percent	11.3	10.6	13.4	14.4
Late preterm birth percent	8.1	7.8	8.9	9.0
Early preterm birth percent	3.2	2.8	4.5	5.4
Extreme preterm birth percent	1.7	1.5 *	2.4	2.7
Early term birth percent	27.0	25.2	30.8	29.0
Low birthweight birth percent	10.1	8.6	13.6	13.5
Moderately low birthweight birth percent	8.4	7.2	11.4	11.5
Very low birthweight birth percent	1.6	1.4 *	2.2	2.0
<b>Mothers</b>				
Interpregnancy Interval less than 18 months percent	36.7	36.7	36.4	38.8
Prenatal care received in first trimester percent	67.9	74.2	53.1	60.8
Adequacy of prenatal care percent	74.6	81.1 *	58.5	68.5
Mother's smoking abstinence third trimester percent	89.4 *	88.0 *	91.5 *	91.7 *
Mother's alcohol abstinence third trimester percent	99.6 *	99.7 *	**	**
Mother had breast fed baby at discharge percent	65.8	70.0	54.6	61.8
Normal weight pre-pregnancy percent	32.4	33.8	28.4	26.9
Obese weight pre-pregnancy percent	35.0	33.0	41.1	40.1
Appropriate weight gain during pregnancy percent	25.6	26.6	22.7	23.6

\* Meets target

\*\* data are suppressed due to low numbers

Data last updated 04/02/2018



**Mahoning County Scorecard for Ohio  
10/01/2016 To 09/30/2017**

	Race or Ethnicity			
	All Races	White Race	Black Race	Hispanic Ethnicity
<b>Infants</b>				
Infant Mortality Rate	**	**	**	**
Neonatal Mortality Rate	**	**	**	**
Post-Neonatal Mortality Rate	**	**	**	**
Fetal Mortality Rate	6.4	6.7	**	**
Perinatal Mortality Rate	4.0 *	**	**	**
SUIDS Mortality Rate	**	**	**	**
Preterm birth percent	11.3	9.8	15.2	13.1
Late preterm birth percent	8.1	7.8	9.2	9.1
Early preterm birth percent	3.2	2.0	5.9	**
Extreme preterm birth percent	1.9	0.7 *	4.5	**
Early term birth percent	28.6	25.7	34.5	32.8
Low birthweight birth percent	9.7	7.1 *	16.6	11.6
Moderately low birthweight birth percent	8.2	6.4 *	13.0	9.6
Very low birthweight birth percent	1.5	0.7 *	3.6	**
<b>Mothers</b>				
Interpregnancy Interval less than 18 months percent	34.0	33.5	35.2	31.8
Prenatal care received in first trimester percent	78.3 *	83.2 *	68.3	73.2
Adequacy of prenatal care percent	81.3 *	87.7 *	68.3	74.2
Mother's smoking abstinence third trimester percent	82.2	82.5	79.2	83.6
Mother's alcohol abstinence third trimester percent	**	**	**	**
Mother had breast fed baby at discharge percent	66.8	71.9	53.0	63.6
Normal weight pre-pregnancy percent	32.0	33.0	31.8	24.6
Obese weight pre-pregnancy percent	33.1	30.0 *	38.4	44.1
Appropriate weight gain during pregnancy percent	27.6	28.3	27.8	21.5

\* Meets target

\*\* data are suppressed due to low numbers

Data last updated 04/02/2018

**Montgomery County Scorecard for Ohio  
10/01/2016 To 09/30/2017**

	Race or Ethnicity			
	All Races	White Race	Black Race	Hispanic Ethnicity
<b>Infants</b>				
Infant Mortality Rate	7.1	3.5 *	16.2	**
Neonatal Mortality Rate	5.1	2.6 *	11.4	**
Post-Neonatal Mortality Rate	2.0 *	**	**	**
Fetal Mortality Rate	6.5	4.0 *	11.8	**
Perinatal Mortality Rate	7.5	4.7 *	15.1	**
SUIDS Mortality Rate	**	**	**	**
Preterm birth percent	11.1	9.6	14.9	9.9
Late preterm birth percent	7.5	7.0	8.5	6.3 *
Early preterm birth percent	3.6	2.6	6.3	3.6
Extreme preterm birth percent	2.3	1.7	4.1	**
Early term birth percent	26.4	25.2	28.1	27.4
Low birthweight birth percent	9.3	6.7 *	14.8	8.3
Moderately low birthweight birth percent	7.3	5.4 *	11.4	6.9
Very low birthweight birth percent	1.9	1.3 *	3.5	**
<b>Mothers</b>				
Interpregnancy Interval less than 18 months percent	33.1	33.6	34.5	28.9 *
Prenatal care received in first trimester percent	69.7	73.9	61.4	67.0
Adequacy of prenatal care percent	74.8	78.4 *	67.3	75.4
Mother's smoking abstinence third trimester percent	91.6 *	89.9 *	93.8 *	**
Mother's alcohol abstinence third trimester percent	99.6 *	99.8 *	99.4 *	**
Mother had breast fed baby at discharge percent	72.4	77.0	59.7	76.5
Normal weight pre-pregnancy percent	32.6	34.2	27.6	29.9
Obese weight pre-pregnancy percent	34.5	32.9	40.8	28.4 *
Appropriate weight gain during pregnancy percent	28.0	28.4	26.7	25.3

\* Meets target

\*\* data are suppressed due to low numbers

Data last updated 04/02/2018

**Stark County Scorecard for Ohio  
10/01/2016 To 09/30/2017**

	Race or Ethnicity			
	All Races	White Race	Black Race	Hispanic Ethnicity
<b>Infants</b>				
Infant Mortality Rate	8.5	8.1	**	**
Neonatal Mortality Rate	5.5	5.2	**	**
Post-Neonatal Mortality Rate	3.0	2.9	**	**
Fetal Mortality Rate	7.7	8.4	**	**
Perinatal Mortality Rate	8.0	8.4	**	**
SUIDS Mortality Rate	**	**	**	**
Preterm birth percent	10.4	9.9	13.6	12.9
Late preterm birth percent	7.5	7.4	7.3	11.4
Early preterm birth percent	2.9	2.6	6.2	**
Extreme preterm birth percent	1.7	1.4 *	4.2	**
Early term birth percent	23.4	23.3	25.1	27.9
Low birthweight birth percent	8.2	7.5 *	12.0	9.3
Moderately low birthweight birth percent	6.7	6.3 *	8.2	8.6
Very low birthweight birth percent	1.5	1.3 *	3.8	**
<b>Mothers</b>				
Interpregnancy Interval less than 18 months percent	34.4	33.5	40.1	34.8
Prenatal care received in first trimester percent	67.1	68.4	60.3	42.9
Adequacy of prenatal care percent	74.0	75.2	67.1	54.1
Mother's smoking abstinence third trimester percent	84.1	84.0	82.9	92.9 *
Mother's alcohol abstinence third trimester percent	**	**	**	**
Mother had breast fed baby at discharge percent	71.0	73.0	56.0	50.0
Normal weight pre-pregnancy percent	32.8	33.1	29.0	36.0
Obese weight pre-pregnancy percent	32.6	32.3	36.0	29.5 *
Appropriate weight gain during pregnancy percent	26.1	25.9	27.9	20.1

\* Meets target

\*\* data are suppressed due to low numbers

Data last updated 04/02/2018

**Summit County Scorecard for Ohio  
10/01/2016 To 09/30/2017**

	Race or Ethnicity			
	All Races	White Race	Black Race	Hispanic Ethnicity
<b>Infants</b>				
Infant Mortality Rate	6.3	4.9 *	11.8	**
Neonatal Mortality Rate	3.7 *	3.0 *	7.3	**
Post-Neonatal Mortality Rate	2.5	**	**	**
Fetal Mortality Rate	9.2	6.1	20.9	**
Perinatal Mortality Rate	7.4	5.4 *	15.3	**
SUIDS Mortality Rate	**	**	**	**
Preterm birth percent	9.6	8.3 *	14.6	10.8
Late preterm birth percent	6.5 *	5.8 *	9.4	7.0
Early preterm birth percent	3.1	2.5	5.1	**
Extreme preterm birth percent	1.6	1.2 *	3.0	**
Early term birth percent	26.4	24.9	30.1	26.8
Low birthweight birth percent	8.8	6.9 *	14.0	9.6
Moderately low birthweight birth percent	7.3	5.9 *	11.4	6.4 *
Very low birthweight birth percent	1.4 *	1.0 *	2.6	**
<b>Mothers</b>				
Interpregnancy Interval less than 18 months percent	34.0	35.3	34.0	32.9
Prenatal care received in first trimester percent	71.1	76.8	58.9	61.3
Adequacy of prenatal care percent	75.7	80.2 *	63.9	73.9
Mother's smoking abstinence third trimester percent	89.5 *	88.5 *	89.1 *	**
Mother's alcohol abstinence third trimester percent	99.6 *	99.7 *	**	**
Mother had breast fed baby at discharge percent	76.0	80.2	64.2	83.4 *
Normal weight pre-pregnancy percent	34.5	36.0	28.6	32.2
Obese weight pre-pregnancy percent	30.1 *	28.1 *	38.8	41.4
Appropriate weight gain during pregnancy percent	26.8	26.8	25.9	24.3

\* Meets target

\*\* data are suppressed due to low numbers

Data last updated 04/02/2018

**Rural Counties Scorecard for Ohio**  
**10/01/2016 To 09/30/2017**

	Race or Ethnicity			
	All Races	White Race	Black Race	Hispanic Ethnicity
<b>Infants</b>				
Infant Mortality Rate	6.4	6.5	**	**
Neonatal Mortality Rate	3.6 *	3.7 *	**	**
Post-Neonatal Mortality Rate	2.8	2.7	**	**
Fetal Mortality Rate	4.9 *	4.8 *	**	**
Perinatal Mortality Rate	5.3 *	5.3 *	**	**
SUIDS Mortality Rate	1.17	1.15	**	**
Preterm birth percent	9.5	9.4 *	12.7	9.5
Late preterm birth percent	7.1	7.0	8.9	6.0 *
Early preterm birth percent	2.4	2.4	**	3.5
Extreme preterm birth percent	1.4 *	1.4 *	**	**
Early term birth percent	25.0	24.9	25.0	28.8
Low birthweight birth percent	7.3 *	7.2 *	13.5	7.9
Moderately low birthweight birth percent	6.2 *	6.1 *	11.8	6.0 *
Very low birthweight birth percent	1.1 *	1.1 *	**	**
<b>Mothers</b>				
Interpregnancy Interval less than 18 months percent	36.2	36.2	39.6	35.7
Prenatal care received in first trimester percent	73.9	74.2	67.0	72.4
Adequacy of prenatal care percent	80.7 *	80.9 *	76.6	79.5 *
Mother's smoking abstinence third trimester percent	84.0	83.9	75.0	92.9 *
Mother's alcohol abstinence third trimester percent	99.8 *	99.8 *	**	**
Mother had breast fed baby at discharge percent	71.4	71.4	63.7	75.0
Normal weight pre-pregnancy percent	33.1	33.3	25.4	25.9
Obese weight pre-pregnancy percent	33.8	33.7	37.5	46.3
Appropriate weight gain during pregnancy percent	27.5	27.5	30.9	21.2

\* Meets target

\*\* data are suppressed due to low numbers

Data last updated 04/02/2018

## Additional Terms and Definitions

**Ohio Resident** – For the Ohio Department of Health analyses, only Ohio resident mothers, or Ohio resident infant or fetal deaths are used.

**Race** – The mother’s reported race from the birth certificate is used to group births, fetal deaths, the fetal portion of perinatal deaths and calculated fields based on births or births plus fetal deaths. The infant’s reported race from the death certificate is used to group the infant portion of perinatal deaths, infant, neonatal, post-neonatal, and SUIDS deaths. This is consistent with our annual infant mortality report.

**Mother** – An Ohio resident woman physically giving birth to the infant. One birth certificate from each set of plural births (twins, triplets, etc.) was selected to represent the data for that mother.

**Infant** – Infant mortality is defined as the death of a live-born baby before his or her first birthday.

**Infant mortality rate** – Infant mortality rates presented by the Ohio Department of Health are calculated using the number of infant deaths in a specific year as the numerator and the number of live births within that same year as the denominator.

**Infant mortality target** – Healthy People 2020 Maternal, Infant, and Child Health objective 1.3: Reduce the rate of all infant deaths (within 1 year) to 6.0 or lower, reported per 1,000 live births.

**Neonatal mortality** – Neonatal mortality is defined as the death of a live-born baby before he or she is 28 days of age.

**Neonatal mortality rate** – Neonatal mortality rates presented by the Ohio Department of Health are calculated using the number of neonatal deaths in a specific year as the numerator and the number of live births within that same year as the denominator, reported per 1,000 live births.

**Neonatal mortality target** – Healthy People 2020 Maternal, Infant, and Child Health objective 1.4: Reduce the rate of neonatal deaths (within the first 28 days of life) to 4.1 or lower, reported per 1,000 live births.

**Post-neonatal mortality** – Post-neonatal mortality is defined as the death of a live-born baby when he or she is from 28 days to less than 1 year of age.

**Post-neonatal mortality rate** – Post-neonatal mortality rates presented by the Ohio Department of Health are calculated using the number of post-neonatal deaths in a specific year as the numerator and the number of live births within that same year as the denominator, reported per 1,000 live births.

**Post-neonatal mortality target** – The Healthy People 2020 Maternal, Infant, and Child Health objective 1.5: Reduce the rate of post-neonatal deaths (between 28 days and 1 year) to 2.0 or lower per 1,000 live births.

**Fetal death (stillbirth)** – The death prior to the complete expulsion or extraction from its mother of a product of human conception of at least 20 weeks of gestation, which after such expulsion or extraction does not breathe or show any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles.

**Fetal mortality rate (stillbirth rate)** – The sum of fetal deaths, divided by the sum of all live births plus fetal deaths, reported per 1,000 live births plus fetal deaths.

**Fetal mortality target** – The Healthy People 2020 Maternal, Infant, and Child Health objective 1.1: Reduce the rate of Fetal deaths at 20 or more weeks of gestation to 5.6 or fewer per 1,000 live births plus fetal deaths.

**SUIDS** – A sudden unexplained infant death is defined as the death of a live-born baby from ICD 10 causes beginning with R95, R99, or W75.

**SUIDS mortality rate** – The sum of deceased infants less than one year old from SUIDS, divided by the total number of live births, reported per 1,000 live births.

**SUIDS mortality target** – Healthy People 2020 Maternal, Infant, and Child Health objective 1.9: Reduce the rate of infant deaths from sudden unexpected infant death syndromes (includes SIDS, Unknown Cause, Accidental Suffocation, and Strangulation in Bed) to 0.84 deaths per 1,000 live births.

**Preterm birth** – A birth of less than 37 weeks of gestation (as based upon the obstetric estimate of gestation).

**Preterm percent** – The sum of preterm infants, divided by the sum of total number of live births, reported per 100 live births with known values for weeks of gestation. Unknown term infants are subtracted from the total of live births.

**Preterm birth target** – Healthy People 2020 Maternal, Infant, and Child Health objective 9.1: Reduce total preterm births (less than 37 weeks) to 9.4 percent or less.

**Late preterm birth** – A birth of 34 to less than 37 weeks of gestation

**Late preterm percent** – The sum of late preterm infants, divided by the sum of total number of live births, reported per 100 live births with known values for weeks of gestation. Unknown term infants are subtracted from the total of live births.

**Late preterm target** – Healthy People 2020 Maternal, Infant, and Child Health objective 9.2: Reduce late preterm or live births at 34 to 36 weeks of gestation to 6.8 percent or less.

**Early preterm birth** – A birth of less than 34 weeks of gestation

**Early preterm percent** – The sum of early preterm infants, divided by the sum of total number of live births, reported per 100 live births with known values for weeks of gestation. Unknown term infants are subtracted from the total of live births.

**Early preterm target** – Healthy People 2020 Maternal, Infant, and Child Health objective 9.3: Reduce live births at 32 to 33 weeks of gestation (early preterm) to 1.1 percent or less

**Extreme preterm birth** – A birth of less than 32 weeks of gestation.

**Extreme preterm percent** – The sum of extreme preterm infants, divided by the sum of total number of live births, reported per 100 live births with known values for weeks of gestation. Unknown term infants are subtracted from the total of live births.

**Extreme preterm target** – Healthy People 2020 Maternal, Infant, and Child Health objective 9.4: Reduce live births less than or equal to 32 weeks of gestation 1.5 percent or less.

**Early term birth** – A birth of 37 or 38 weeks gestation.

**Early term percent** – The sum of early term infants, divided by the sum of total number of live births, reported per 100 live births with known values for weeks of gestation. Unknown term infants are subtracted from the total of live births.

**Early term target** – National Outcome Measure 6 – Reduce percent of early term births (37, 38 weeks gestation). Following the Healthy People 2020 model, reduce the 2010 value (20.0 percent) by 10 percent to 18 percent or lower.

**Low birthweight birth** – A birth of less than 2,500 grams of weight.

**Low birthweight percent** – The sum of low birth weight infants, divided by the sum of total number of live births, reported per 100 live births with known values for birth weight. Unknown birth weight infants are subtracted from the total of live births.

**Low birthweight target** – Healthy People 2020 Maternal, Infant, and Child Health objective 8.1 - Reduce low birth weight (LBW) of less than 2,500 grams to 7.8 percent or lower.

**Moderately low birthweight birth** – A birth of 1500 grams of weight to less than 2,500 grams of weight.

**Moderately low birthweight percent** – The sum of moderately low birth weight infants, divided by the sum of total number of live births, reported per 100 live births with known values for birth weight. Unknown birth weight infants are subtracted from the total of live births.

**Moderately low birthweight target** – National Outcome Measure 4.3: Reduce moderately low birth weight births to 6.4 percent or lower. The value is determined by subtracting the very low birthweight target from the low birthweight target).

**Very low birthweight birth** – A birth of less than 1,500 grams of weight.

**Very low birthweight percent** – The sum of very low birth weight infants, divided by the sum of total number of live births, reported per 100 live births with known values for birth weight. Unknown birth weight infants are subtracted from the total of live births.

**Very low birthweight** – Healthy People 2020 Maternal, Infant, and Child Health objective 8.2: Reduce very low birth weight births to 1.4 percent or lower.

**Interpregnancy interval** – The number of months between the end of a previous live birth and the estimated conception of the next live birth. The recommended interval is 18 months.

**Interpregnancy interval percent** – The sum of mothers with an interval less than 18 months divided by the sum of total number of live births, reported per 100 live births with known values for birth interval related fields.

**Interpregnancy interval target** – Healthy People 2020 Family Planning 5: Reduce the proportion of pregnancies conceived within 18 months of a previous birth to 29.8 percent or lower.

**Prenatal care received in first trimester** – A mother who reported receiving prenatal care in the first trimester.

**Prenatal care received in first trimester percent** – The sum of mothers receiving prenatal care in the first trimester, divided by the total number of mothers with a known value for month of prenatal care, reported per 100 mothers.

**Prenatal care received in first trimester target** – Healthy People 2020 Maternal, Infant, and Child Health objective 10.1: Increase the percent of women who receive prenatal care beginning in the first trimester to 77.9 percent or greater.

**Adequacy of prenatal care** – The number and timing of prenatal care visits was appropriate as determined by the Kotelchuk Index.

**Adequacy of prenatal care percent** – The sum of mothers with an adequate prenatal care divided by the sum of the total number of mothers, reported per 100 mothers with known values for the fields comprising the Kotelchuk Index.

**Adequacy of prenatal care target** – Healthy People 2020 Maternal, Infant, and Child Health 10.2: Increase the percent of women who receive early and adequate prenatal care per the Kotelchuk Index.

**Smoking abstinence in third trimester** – A mother who did not report smoking during the third trimester.

**Smoking abstinence in third trimester percent** – The sum of women who reported not smoking in the third trimester, divided by the sum of women who gave live birth, reported per 100 women with known values for smoking in the third trimester. Unknown third trimester smoking women are subtracted from the total of women giving live birth.

**Smoking abstinence in third trimester target** – State Health Improvement Plan 73: Reduce smoking in late pregnancy to 16.3 percent or less; increase 12 smoking abstinence in the third trimester to 87.8 percent.

**Alcohol abstinence in third trimester** – A mother who did not report drinking during the third trimester.



**Alcohol abstinence in third trimester percent** – The sum of mothers who did not report drinking in the third trimester, divided by the sum of women who gave live birth, reported per 100 women with known values for drinking in the third trimester. Unknown third trimester drinking women are subtracted from the total of women giving live birth.

**Alcohol abstinence in third trimester target** – Healthy People 2020 Maternal, Infant, and Child Health objective 11.1: Increase abstinence from alcohol among pregnant women to 98.3 percent or greater or decrease drinking among pregnant women to 1.7 percent or less.

**Baby was breastfed at discharge** – An infant reported as being breast fed at the time of discharge.

**Baby was breastfed at discharge percent** – The sum of infants reported as being breast fed at the time of discharge divided by the total number of live births with known values for being breast fed, reported per 100 live infants.

**Baby was breastfed at discharge target** – Healthy People 2020 Maternal, Infant, and Child Health objective 21.1: Increase the proportion of infants who are ever breastfed to 81.9 percent or more.

**Normal weight pre-pregnancy** – A mother with a Body mass index (BMI) greater than or equal to 18.5 and less than 25.0.

**Normal weight pre-pregnancy percent** – The sum of all mothers with a Body mass index (BMI) greater than or equal to 18.5 and less than 25.0 divided by the sum of women who gave live birth, reported per 100 women with known values for pre-pregnancy height and weight.

**Normal weight pre-pregnancy target** – Healthy People 2020 Maternal, Infant, and Child Health objective 16.5: Increase the percent of mothers delivering a live birth who had a healthy weight prior to pregnancy to 57.8 percent or greater.

**Obese weight pre-pregnancy** – A mother with a Body mass index (BMI) greater than or equal to 30.0.

**Obese weight pre-pregnancy percent** – The sum of all mothers with a Body mass index (BMI) greater than or equal to 30.0 divided by the sum of women who gave live birth, per 100 mothers with known values for pre-pregnancy height and weight, reported per 100 mothers.

**Obese weight pre-pregnancy target** – Healthy People 2020 Nutrition and Weight Status 9: Reduce the percent of adults who are obese to 30.5 percent or lower.

**Appropriate weight gain during pregnancy** – The American College of Obstetricians and Gynecologists has recommended weigh gain amounts based on a woman's pre-pregnancy weight. A mother who has met this standard has had an appropriate weight gain during her pregnancy.

If Mother's weight is	Appropriate weight gain is between
Underweight	28 – 40 pounds
Normal	25 – 35 pounds
Overweight	15 – 25 pounds
Obese	11 – 20 pounds

**Appropriate weight gain during pregnancy percent** – The sum of mothers who achieved an appropriate weight gain divided by the sum of women who gave live birth, reported per 100 women with known values for pre-pregnancy height and weight.

**Appropriate weight gain during pregnancy target** - Healthy People 2020 Maternal, Infant, and Child Health objective (developmental) – Increase the proportion of mothers who achieve a recommended weight gain during their pregnancies. No target was given, however using estimates from the MMWR Weekly / Vol. 64 / No. 43 weight gain in pregnancy, based on analysis of data from 2012 PRAMS for five states and 2013 birth

certificates for 41 states, New York City, and District of Columbia, the target of 35.2 percent was used.

**OEI – Ohio Equity Institute** – The program supports epidemiologists in 9 selected cities or portions of cities within counties with high rates of infant mortality. These city and counties are: Hamilton city in Butler county, Columbus in Franklin county, Cincinnati in Hamilton county, Toledo in Lucas county, Youngstown in Mahoning county, Dayton in Montgomery county, Canton in Stark county, and Akron, in Summit county. Selected analyses will be grouped by whether or not a county has one of the OEI programs.

**Non-OEI** – All other counties of Ohio.

**Medicaid for this delivery or death** – This report includes linked Medicaid/Vital Statistics data from January 2016 through December 2016. The Ohio Department of Medicaid (ODM) provided ODH with a list of infant and maternal IDs for Medicaid-covered infants and mothers linked to the Ohio birth certificate, and to an Ohio infant death certificate, if death occurred. Not all mother-infant dyads are able to be matched. If ODM covered the Ohio resident mother's delivery, it is included in the Medicaid tables. If a Medicaid delivery had a death with a Medicaid ID, then these data were used to calculate mortality statistics. Medicaid covered deliveries were used to calculate the other statistics in each table. Please Note: Due to data privacy agreements, ODM and ODH utilize slightly different data sources when reporting Vital Statistics data. ODM utilizes the Vital Statistics occurrence file which contains all births and/or deaths which occurred in Ohio during a given period of time. Conversely, ODH utilizes the Vital Statistics residence file which contains all births and/or deaths of Ohio residents as recorded on the birth or death certificate, respectively. In either case, out of state births to non-Ohio residents and out of state deaths to non-Ohio residents are excluded from these analyses.

**Rural Counties** – These are counties which the Centers for Medicare and Medicaid Services have classified as being rural. They include Adams, Auglaize, Brown, Carroll, Champaign, Clinton, Coshocton, Crawford, Darke, Defiance, Fayette, Fulton, Gallia, Guernsey, Hardin, Harrison, Henry, Highland, Hocking, Holmes, Jackson, Logan, Madison, Meigs, Mercer, Monroe, Morgan, Morrow, Noble, Ottawa, Paulding, Perry, Pike, Preble, Putnam, Shelby, Van Wert, Vinton, Washington, Williams, Wyandot.

**Data Suppression** – When the difference between the number of specific events (e.g., births with low birthweight) and the total number of events (e.g., all births) is less than 10, or the number of events is less than 10, the statistics are suppressed due to instability or confidentiality requirements.