

East TN CDR Data

<http://health.state.tn.us/MCH/>

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TN Trends in Child Fatalities

- In 2006 there were 1096 child fatalities, of them the CFRT's reviewed 1088.
 - 709 infant deaths
 - 431 premature infant deaths
 - 126 Died in a Motor Vehicle accident
- Reviews may be delayed as the teams are waiting for case documentation

2006 Counties with 15 or More Fatalities

County	Total	Percent	Rate*
Shelby	271	24.91	105.37
Davidson	130	11.95	100.43
Hamilton	60	5.51	85.83
Knox	48	4.41	54.26
Montgomery	42	3.86	103.15
Rutherford	29	2.67	53.67
Washington	25	2.30	104.29
Sumner	22	2.02	59.24
Blount	19	1.75	74.96
Dickson	18	1.65	147.52
Madison	17	1.56	69.46
Maury	17	1.56	89.33
Sullivan	16	1.47	47.70
Bradley	16	1.47	71.99
Total	730	67.09	50.60

*Rates based on TN specific population per 100,000 less than 18 years of age.

TN Trends in Child Fatalities

2006 Manner of Death	State Number	E TN Number
Natural	645	130
Accident	204	18
Suicide	16	0
Homicide	31	2
Pending	60	17
Undetermined	48	16
Unknown	84	29
Total	1088	198

Infant Mortality

- Pre-mature Deaths
- Low Birth Weight
- SIDS and Sleep Environment
- Memphis – highest infant mortality rate Nationally

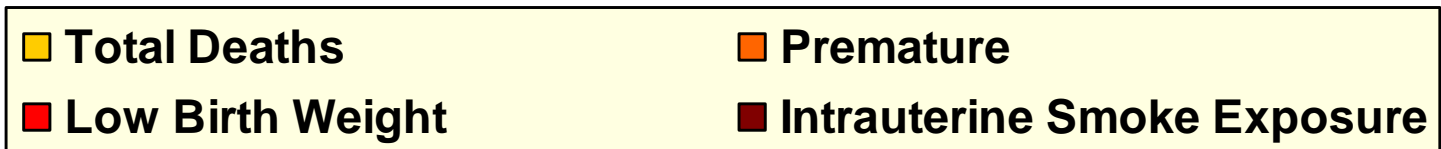
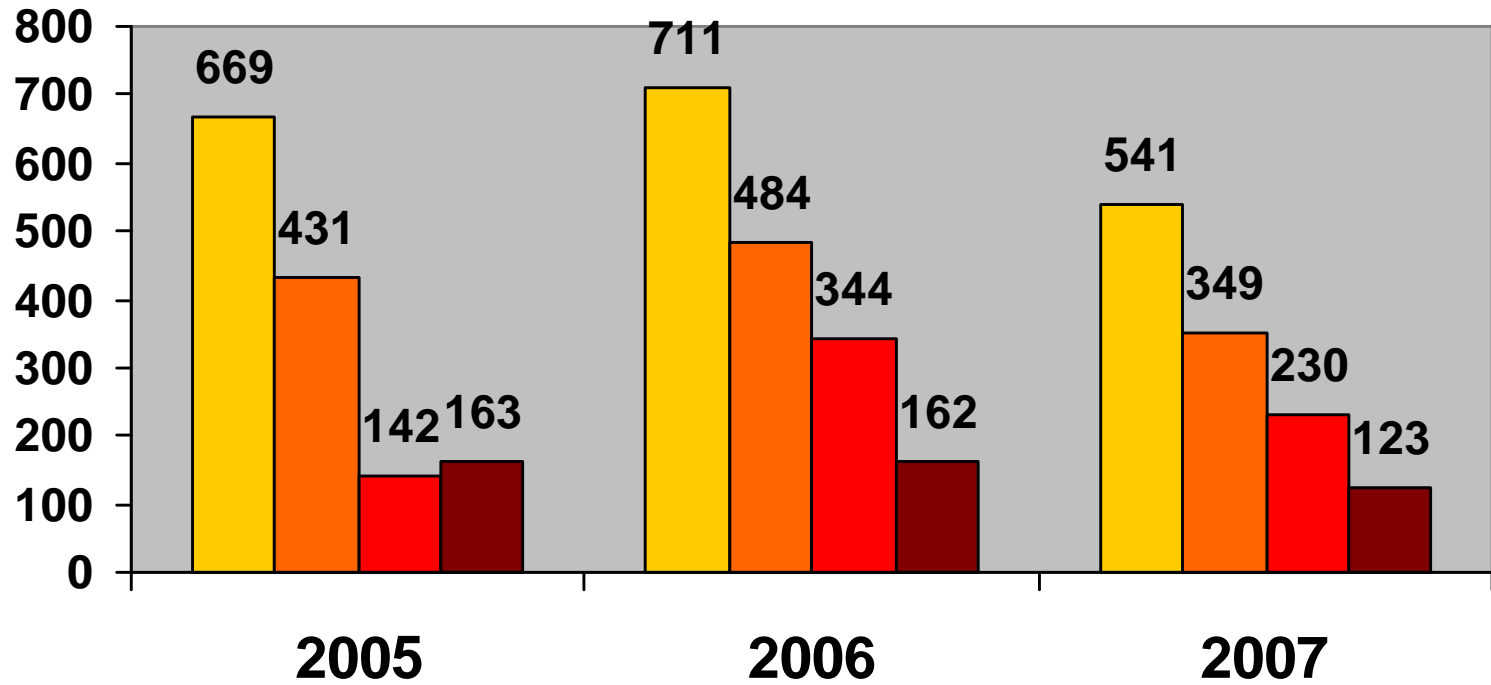


Infant Death Terms

- **Premature** – less than 37 weeks
- **Low Birth Weight** – 2,500 grams (5 lbs, 9 oz)
- **Premature Deaths Not Reported** – 500 grams or less; if no weight 22 weeks gestation
- **Viable Birth** – 24 weeks and capable of sustaining life

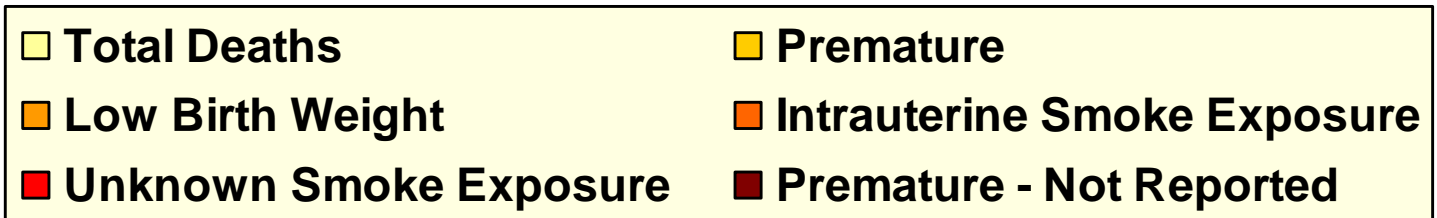
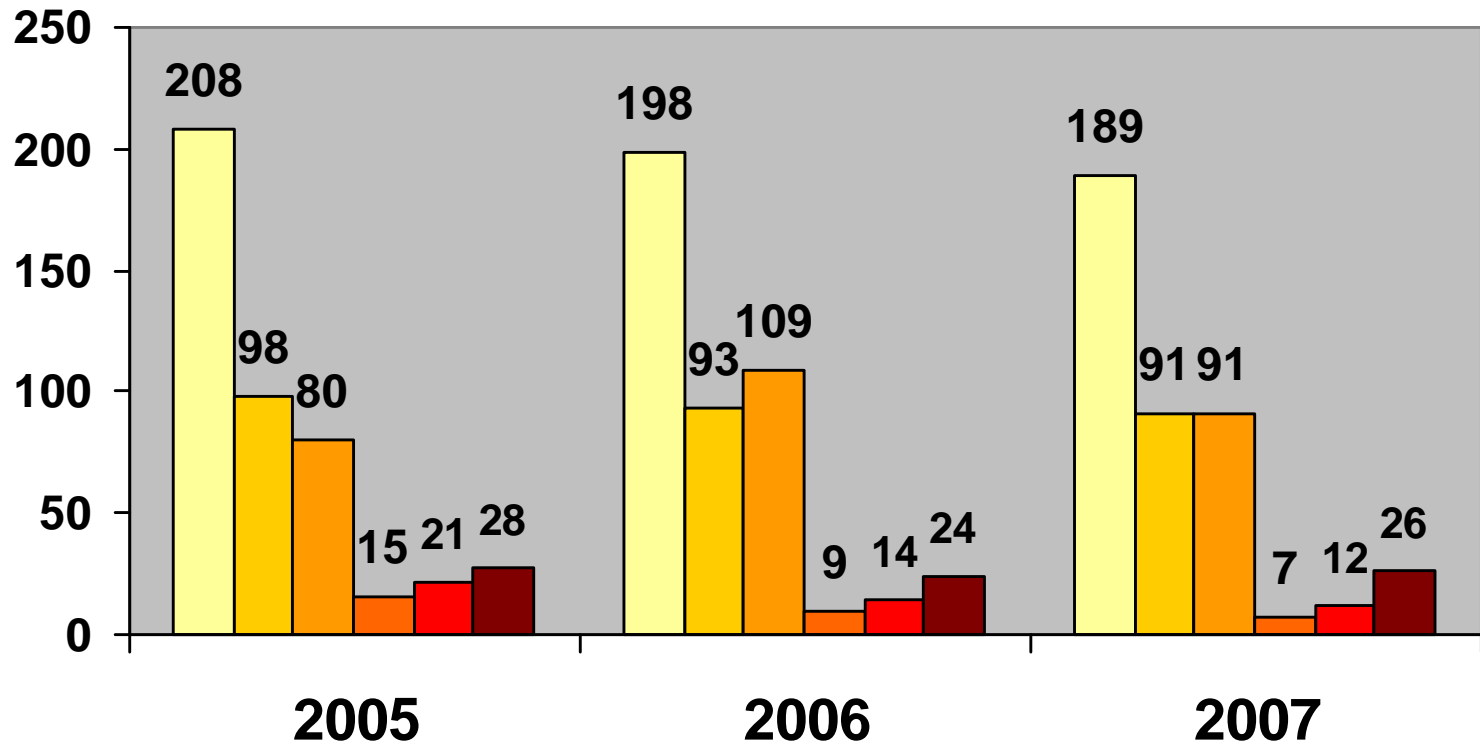
From the Department of Health Vital Statistics - <http://health.state.tn.us/statistics/glossary.htm>

State Infant Deaths Reviewed



2007 final total is pending

East TN Infant Deaths Reviewed



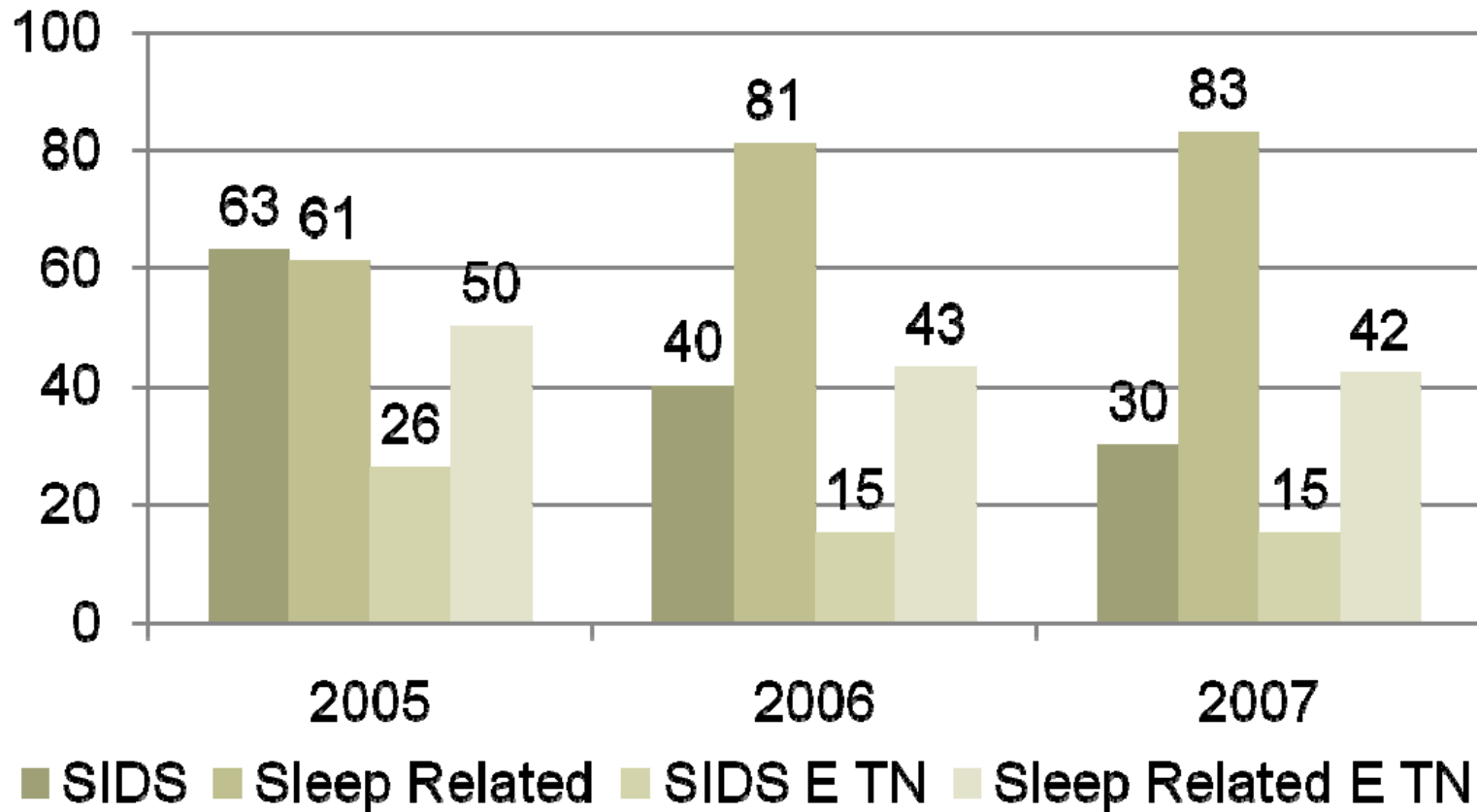
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SIDS vs. Sleep-Environment

- Previously SIDS was loosely defined
- Back to sleep campaigns since 1992
- Consistent decrease in the SIDS rate
- Increase in Sleep-Environment Deaths



SIDS and Infant Sleep Related Deaths



2007 Data final total is pending

Infant Deaths by Month

	2005		2006	
Month	State	East	State	East
January	64	20	52	16
February	58	17	47	15
March	66	16	70	16
April	61	18	51	11
May	55	15	47	16
June	54	18	67	24
July	63	19	55	13
August	52	21	58	16
September	53	13	53	11
October	43	11	67	21
November	58	19	60	14
December	72	21	83	25
TOTAL	699	208	710	198

Highest Infant Deaths by County

State Wide	2005	2006
Shelby	163	199
Davidson	73	91
Hamilton	36	47
Knox	36	34
Montgomery	17	28
Rutherford	22	19
Sumner	10	15
Madison	24	13
Washington	12	12
Sullivan	20	9
Wilson	12	7

East TN	2005	2006	2007
Hamilton	35	47	33
Knox	36	34	21
Washington	12	12	14
Sullivan	20	9	12
Bradley	7	10	9
Anderson	5	12	24
Blount	3	8	11
Sevier	8	4	9
All County Totals	208	198	189

DSI Training

- Why are infants still dying in the sleep environment?
- This is why you are here today
- When you do a thorough investigation
- CDR Teams get the data
- We can see where and how our babies are dying
- Helps with all child death investigations