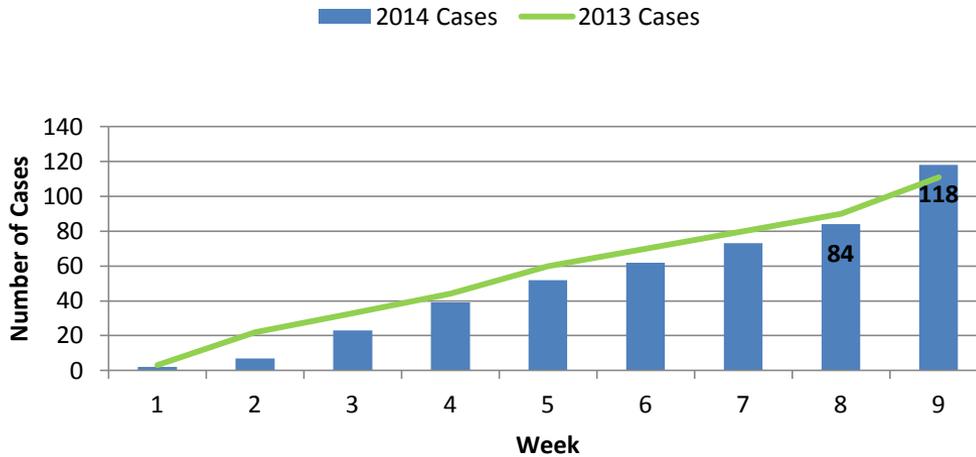


Drug Dependent Newborns (Neonatal Abstinence Syndrome)

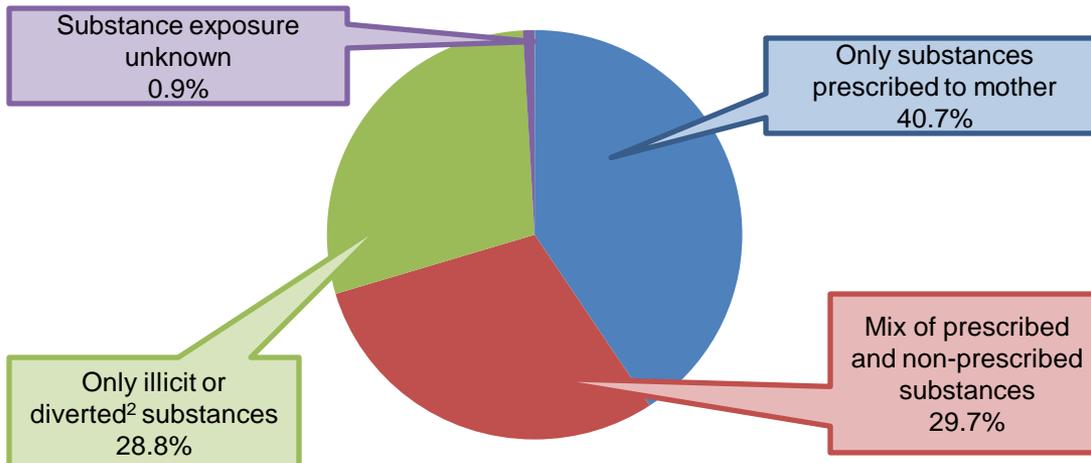
January/February 2014 Update (Data through 03/01/2014)



Cumulative Cases NAS Reported



Maternal Source of Exposure



Quick Facts: NAS in Tennessee

- **118 cases** of Neonatal Abstinence Syndrome (NAS) have been reported since January 1, 2014
- In the majority of NAS cases (**70.4%**), at least one of the substances causing NAS was **prescribed to the mother by a health care provider.**
- The highest rates of NAS in 2014 have occurred in Sullivan County and the East Region.

NAS Prevention Highlight

From the [DCS Open Line: Families Free](#) is a non-profit organization based in Johnson City, TN. WOVEN is a new pilot program funded by the Department of Health, which Families Free has designed to serve mothers of babies diagnosed with Neonatal Abstinence Syndrome who reside in the First Judicial District. The family will receive a weekly home visit and coordination of services with DCS, health department, and pediatrician. Evidence based programming includes Nurturing Parenting, MRT, and Seeking Safety, where women can bring their infant onsite. In addition, the women will have weekly home visits and individual case management.

Additional Detail for Maternal Sources of Exposure

Source of Maternal Substance (if known) ³	# Cases ³	% Cases
Supervised replacement therapy	67	56.8
Supervised pain therapy	23	19.5
Therapy for psychiatric or neurological condition	4	3.4
Prescription substance obtained WITHOUT a prescription	55	46.6
Non-prescription substance	28	23.7
No known exposure but clinical signs consistent with NAS	0	0
No response	1	0.9

NAS Cases by County/Region

Maternal County of Residence (By Health Department Region)	# Cases	Rate per 1,000 births
Davidson	9	5.8
East	37	31.0
Hamilton	1	1.5
Jackson/Madison	0	0
Knox	10	12.1
Mid-Cumberland	11	4.7
North East	14	25.2
Shelby	4	1.8
South Central	2	2.8
South East	1	1.8
Sullivan	9	33.0
Upper Cumberland	15	25.8
West	5	5.4
Total	118	9.4

NAS Prevention Opportunities

Women of Childbearing Age

- Preventing an unintended pregnancy is one of the key ways to prevent Neonatal Abstinence Syndrome. Family planning services are available through local health departments in all 95 counties. [Find the health department nearest you.](#)

Health Care Providers

- Learn more about efforts by the Food and Drug Administration (FDA) to address the [misuse and abuse of opioids.](#)

Everyone

- The Substance Abuse and Mental Health Services Administration (SAMHSA) has produced an Opioid Overdose Prevention Toolkit. The [free toolkit](#) can be used to address overdose by educating and engaging key audiences.
- The Association of State and Territorial Health Officials (ASTHO) has produced a [guide](#) to support primary prevention and best practices of care.

Notes

- Individual weekly summary reports are archived at: http://health.tn.gov/MCH/NAS/NAS_Summary_Archive.shtml
- "Illicit" means drugs which are illegal or prohibited. "Diverted" means using legal/prescribed drugs for illegal purposes. For example, using a prescription drug purchased from someone else or using a prescription drug that was prescribed for someone else.
- Multiple maternal substances may be reported; therefore the total number of cases in this table may not match the total number of cases reported.

For questions or additional information, contact Dr. Angela Miller at angela.m.miller@tn.gov.