

NC Legislative District Estimates of the Number of Uninsured in North Carolina

*Mark Holmes and Tom Ricketts
Cecil G. Sheps Center for Health Services Research
University of North Carolina at Chapel Hill
and
The North Carolina Institute of Medicine*

Introduction

Since March 2001 the Cecil G. Sheps Center for Health Services Research at the University of North Carolina at Chapel Hill has issued reports on the number of persons under the age of 65 years who did not have health insurance in each of North Carolina's 100 counties. This year, we have developed companion estimates for the 170 North Carolina legislative districts. The general approach is the same as that used for county-level estimates (see our related report "County Estimates of the Number of Uninsured in North Carolina: 2005 Update" for the general approach). Because most data useful for generating uninsurance estimates are available at geographic levels no smaller than the county, we developed a method for "raking" county estimates into legislative districts. With the county estimates in hand, we developed related ZIP code estimates using data on age, income, race and ethnicity of the population. We then allocated ZIP estimates into legislative districts using the NC State Board of Elections voter registration file to determine the percent of each ZIP code registered in each legislative district. This approach assumes that the percent of the population in a ZIP code residing in a legislative district is identical to the percent of the registered voters in a ZIP code residing in a legislative district, which may not be an accurate assumption. These estimates are cross-validated and the uninsured are allocated to individual districts using the ZIP and county estimates. Just as county estimates are adjusted to "add-up" to the state estimate, legislative districts are adjusted to aggregate to the county estimate if all legislative districts in the county do not include residents of other counties (such as House districts in Wake). They are also adjusted to aggregate to the state estimates.

Attribution to Individual Legislators Inappropriate

It is difficult to tie the rate of the uninsured to any specific state-level policy or to attribute changes to efforts in individual legislative districts. The effects of policies and programs at the local level may not be reflected in year to year changes or in the relative rates of one small area or district to another. We caution that these are estimates.

Results

Just as in the county estimates, the percent of a legislative district's residents who are uninsured varies tremendously across the state. The House estimates range from 8.5% (District 105) to 24.5% (District 15). Senate estimates range from 9.7% (District 39) to 23.1% (District 13). Results for all 170 legislative districts follow.

For more information on these estimates please contact the authors.

North Carolina Senate: 2005

District	Children 0-17		Adults 18-64		Total 0-64	
	Number	Percent	Number	Percent	Number	Percent
NC Senate 1	4,503	11.4%	25,005	22.9%	29,508	19.9%
NC Senate 2	4,092	10.7%	20,518	20.4%	24,610	17.7%
NC Senate 3	5,145	13.2%	22,751	23.8%	27,896	20.7%
NC Senate 4	4,911	13.0%	23,062	24.3%	27,972	21.1%
NC Senate 5	5,105	12.1%	22,476	20.8%	27,581	18.4%
NC Senate 6	6,143	12.8%	26,542	26.0%	32,684	21.8%
NC Senate 7	5,240	12.5%	23,613	21.6%	28,853	19.1%
NC Senate 8	5,138	12.2%	26,721	22.7%	31,859	20.0%
NC Senate 9	3,731	9.6%	22,549	19.2%	26,280	16.9%
NC Senate 10	6,753	15.3%	26,400	25.1%	33,153	22.2%
NC Senate 11	5,191	12.4%	21,883	21.1%	27,074	18.6%
NC Senate 12	5,632	11.9%	23,573	20.3%	29,206	17.9%
NC Senate 13	7,167	14.8%	28,137	27.0%	35,303	23.1%
NC Senate 14	5,735	11.4%	23,836	20.4%	29,572	17.7%
NC Senate 15	3,117	7.0%	14,516	12.2%	17,633	10.8%
NC Senate 16	3,071	7.9%	18,319	14.9%	21,390	13.2%
NC Senate 17	4,609	7.8%	19,705	14.0%	24,314	12.2%
NC Senate 18	5,198	11.7%	22,536	18.3%	27,733	16.6%
NC Senate 19	5,281	11.9%	18,855	19.8%	24,136	17.3%
NC Senate 20	5,360	12.5%	22,619	21.1%	27,978	18.6%
NC Senate 21	7,083	13.2%	26,972	23.9%	34,056	20.4%
NC Senate 22	5,479	12.2%	23,725	21.0%	29,203	18.5%
NC Senate 23	3,431	9.9%	18,120	17.2%	21,551	15.4%
NC Senate 24	4,825	12.3%	20,439	20.0%	25,263	17.9%
NC Senate 25	5,088	12.0%	22,229	21.5%	27,317	18.7%
NC Senate 26	4,346	10.4%	19,670	17.6%	24,016	15.6%
NC Senate 27	3,902	10.1%	18,527	17.1%	22,429	15.3%
NC Senate 28	5,280	12.4%	21,656	20.8%	26,936	18.4%
NC Senate 29	5,299	13.0%	20,480	19.7%	25,779	17.8%
NC Senate 30	4,764	12.4%	20,573	20.0%	25,337	17.9%
NC Senate 31	4,046	9.5%	15,962	14.4%	20,008	13.1%
NC Senate 32	5,492	14.4%	21,510	23.0%	27,002	20.5%
NC Senate 33	4,690	11.0%	20,227	17.9%	24,917	16.0%
NC Senate 34	4,644	11.2%	20,149	18.6%	24,794	16.5%
NC Senate 35	5,423	9.6%	22,642	16.8%	28,066	14.7%
NC Senate 36	4,611	10.2%	18,974	17.1%	23,585	15.1%
NC Senate 37	5,219	12.0%	23,977	20.5%	29,196	18.2%
NC Senate 38	6,384	13.0%	25,285	21.8%	31,668	19.2%
NC Senate 39	3,335	6.6%	14,001	11.0%	17,335	9.7%
NC Senate 40	4,908	9.3%	21,450	16.4%	26,358	14.4%
NC Senate 41	4,632	10.5%	20,501	17.7%	25,133	15.7%
NC Senate 42	4,860	11.1%	20,589	18.0%	25,449	16.1%
NC Senate 43	4,489	10.9%	20,056	18.8%	24,545	16.6%
NC Senate 44	4,445	11.5%	19,276	18.2%	23,720	16.4%
NC Senate 45	3,896	10.8%	21,352	19.4%	25,248	17.3%
NC Senate 46	4,517	11.5%	19,582	19.8%	24,099	17.5%
NC Senate 47	3,913	11.5%	20,789	20.5%	24,702	18.3%
NC Senate 48	4,222	11.1%	19,543	18.7%	23,765	16.7%
NC Senate 49	3,710	11.1%	19,427	19.3%	23,137	17.3%
NC Senate 50	3,711	11.3%	21,176	21.8%	24,887	19.2%

North Carolina House: 2005

District	Children 0-17		Adults 18-64		Total 0-64	
	Number	Percent	Number	Percent	Number	Percent
NC House 1	1,956	11.1%	11,256	23.6%	13,213	20.2%
NC House 2	1,637	11.1%	9,659	23.0%	11,297	19.9%
NC House 3	1,870	11.0%	8,460	20.7%	10,330	17.9%
NC House 4	2,943	15.9%	11,165	26.3%	14,108	23.1%
NC House 5	1,995	12.8%	9,867	24.5%	11,862	21.2%
NC House 6	1,999	11.7%	9,794	20.7%	11,793	18.3%
NC House 7	1,891	12.7%	8,389	23.3%	10,280	20.2%
NC House 8	2,328	13.4%	10,336	25.4%	12,665	21.8%
NC House 9	1,878	10.6%	9,350	19.6%	11,228	17.2%
NC House 10	2,507	13.9%	10,599	23.6%	13,106	20.8%
NC House 11	2,118	11.8%	8,369	19.3%	10,487	17.1%
NC House 12	1,712	11.9%	7,120	22.0%	8,832	18.9%
NC House 13	1,529	10.6%	9,387	20.5%	10,916	18.1%
NC House 14	2,821	12.1%	10,756	24.0%	13,577	20.0%
NC House 15	2,376	13.8%	11,689	29.2%	14,065	24.6%
NC House 16	1,525	9.2%	9,156	18.1%	10,681	15.9%
NC House 17	1,783	11.2%	10,326	21.4%	12,109	18.8%
NC House 18	1,962	12.8%	11,325	25.7%	13,287	22.4%
NC House 19	1,467	8.7%	8,825	16.9%	10,292	14.9%
NC House 20	2,132	13.3%	9,639	24.3%	11,771	21.2%
NC House 21	2,916	15.4%	11,222	25.5%	14,138	22.5%
NC House 22	2,389	12.4%	9,004	21.2%	11,394	18.4%
NC House 23	2,027	13.0%	8,624	22.0%	10,650	19.4%
NC House 24	2,482	14.0%	9,949	24.1%	12,431	21.1%
NC House 25	2,052	11.7%	8,770	20.2%	10,822	17.7%
NC House 26	2,568	12.0%	10,862	20.8%	13,430	18.2%
NC House 27	2,251	13.6%	9,889	24.6%	12,140	21.4%
NC House 28	2,696	12.1%	11,324	20.6%	14,020	18.1%
NC House 29	2,117	12.1%	9,916	20.8%	12,033	18.5%
NC House 30	1,440	10.4%	7,755	17.8%	9,196	16.0%
NC House 31	2,430	11.9%	9,644	20.1%	12,074	17.6%
NC House 32	2,106	12.2%	9,298	20.2%	11,404	18.0%
NC House 33	2,552	12.4%	11,261	22.1%	13,813	19.3%
NC House 34	1,317	7.7%	6,940	13.5%	8,257	12.0%
NC House 35	1,088	7.0%	7,868	14.1%	8,956	12.5%
NC House 36	1,584	7.0%	7,786	12.8%	9,370	11.2%
NC House 37	2,392	7.9%	9,247	14.3%	11,639	12.3%
NC House 38	1,937	11.6%	10,123	20.3%	12,061	18.1%
NC House 39	2,558	10.6%	10,167	18.6%	12,725	16.1%
NC House 40	1,841	7.2%	7,254	12.3%	9,095	10.7%
NC House 41	1,262	6.2%	5,730	11.1%	6,992	9.7%
NC House 42	3,169	13.8%	11,528	25.3%	14,697	21.5%
NC House 43	2,595	13.6%	10,709	25.3%	13,304	21.7%
NC House 44	2,294	11.6%	7,925	19.2%	10,218	16.7%
NC House 45	1,918	11.1%	6,660	18.4%	8,578	16.0%
NC House 46	2,520	13.4%	10,162	24.0%	12,682	20.7%
NC House 47	3,036	15.5%	11,975	28.4%	15,012	24.3%
NC House 48	2,825	14.3%	10,983	25.6%	13,808	22.1%
NC House 49	2,055	11.8%	9,690	21.0%	11,745	18.5%
NC House 50	1,699	10.6%	7,770	18.4%	9,468	16.2%

NC House 51	2,856	13.3%	10,156	20.8%	13,012	18.5%
NC House 52	1,813	11.2%	8,322	19.1%	10,135	16.9%
NC House 53	2,697	13.1%	11,595	22.7%	14,291	19.9%
NC House 54	2,008	11.5%	9,259	18.2%	11,268	16.5%
NC House 55	1,936	11.4%	8,395	19.2%	10,331	17.0%
NC House 56	1,075	9.2%	7,355	16.8%	8,430	15.2%
NC House 57	1,592	9.5%	8,007	16.4%	9,599	14.7%
NC House 58	2,365	12.6%	10,434	21.7%	12,799	19.1%
NC House 59	1,967	11.6%	8,999	19.8%	10,966	17.6%
NC House 60	2,442	13.8%	9,323	22.8%	11,766	20.1%
NC House 61	1,908	9.6%	7,872	15.9%	9,780	14.1%
NC House 62	1,346	7.3%	5,878	11.9%	7,224	10.7%
NC House 63	2,028	13.1%	8,040	20.9%	10,068	18.7%
NC House 64	2,193	11.8%	9,232	19.0%	11,425	17.0%
NC House 65	1,806	12.1%	8,599	21.0%	10,405	18.6%
NC House 66	2,590	14.2%	9,966	23.4%	12,557	20.6%
NC House 67	1,928	10.7%	8,674	18.8%	10,603	16.5%
NC House 68	2,563	9.0%	10,549	15.8%	13,112	13.7%
NC House 69	2,155	11.7%	10,154	21.7%	12,309	18.9%
NC House 70	2,239	12.9%	8,777	19.9%	11,015	17.9%
NC House 71	2,141	14.8%	8,805	24.5%	10,946	21.7%
NC House 72	2,396	15.2%	8,782	23.5%	11,178	21.0%
NC House 73	2,012	10.5%	7,902	16.2%	9,914	14.6%
NC House 74	1,742	10.1%	7,239	15.6%	8,981	14.1%
NC House 75	1,693	9.4%	6,613	14.3%	8,305	12.9%
NC House 76	1,810	11.2%	7,646	18.2%	9,456	16.2%
NC House 77	1,919	11.8%	8,231	19.7%	10,150	17.5%
NC House 78	1,983	12.0%	7,852	18.3%	9,835	16.5%
NC House 79	1,774	10.6%	8,130	18.2%	9,904	16.1%
NC House 80	2,039	11.1%	8,776	18.0%	10,815	16.1%
NC House 81	1,641	11.4%	7,213	18.6%	8,854	16.7%
NC House 82	1,950	9.6%	7,765	15.9%	9,715	14.1%
NC House 83	2,032	11.1%	8,536	18.4%	10,569	16.3%
NC House 84	1,556	12.0%	8,679	21.7%	10,235	19.3%
NC House 85	1,875	11.8%	8,364	19.1%	10,239	17.1%
NC House 86	1,724	11.9%	7,208	18.4%	8,932	16.7%
NC House 87	1,639	10.9%	7,480	17.9%	9,119	16.1%
NC House 88	1,625	10.4%	7,272	17.1%	8,898	15.3%
NC House 89	1,815	10.9%	7,845	17.7%	9,660	15.8%
NC House 90	2,029	13.8%	8,576	21.9%	10,605	19.7%
NC House 91	1,732	10.4%	8,317	18.2%	10,050	16.1%
NC House 92	1,946	12.3%	8,054	19.4%	10,000	17.4%
NC House 93	1,338	10.6%	9,579	21.2%	10,918	18.9%
NC House 94	1,716	11.3%	7,847	18.6%	9,563	16.7%
NC House 95	1,803	9.2%	7,837	16.1%	9,640	14.1%
NC House 96	2,013	11.6%	8,273	18.6%	10,286	16.6%
NC House 97	1,969	11.6%	8,540	19.1%	10,509	17.1%
NC House 98	1,815	6.9%	7,366	11.9%	9,181	10.4%
NC House 99	2,231	10.1%	10,324	17.8%	12,555	15.7%
NC House 100	2,470	12.8%	10,902	22.2%	13,371	19.6%
NC House 101	2,584	13.3%	10,169	22.4%	12,753	19.6%
NC House 102	2,526	13.9%	11,591	24.4%	14,116	21.5%
NC House 103	2,040	8.8%	7,813	14.4%	9,853	12.7%
NC House 104	1,326	7.2%	6,414	12.3%	7,740	11.0%

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NC House 105	1,444	5.9%	5,529	9.6%	6,974	8.5%
NC House 106	1,789	11.1%	8,591	18.5%	10,380	16.6%
NC House 107	2,757	13.0%	10,408	21.5%	13,165	18.9%
NC House 108	1,548	9.7%	7,347	16.6%	8,895	14.7%
NC House 109	2,236	11.6%	9,557	20.0%	11,793	17.6%
NC House 110	1,879	11.0%	8,444	18.9%	10,323	16.7%
NC House 111	1,919	11.1%	7,980	18.8%	9,899	16.6%
NC House 112	2,026	12.0%	9,109	21.0%	11,135	18.5%
NC House 113	1,547	11.1%	7,879	19.5%	9,426	17.4%
NC House 114	1,830	11.5%	9,430	20.3%	11,260	18.0%
NC House 115	1,446	10.0%	7,746	17.4%	9,192	15.6%
NC House 116	1,834	10.8%	8,698	18.5%	10,532	16.5%
NC House 117	1,868	11.8%	8,446	19.4%	10,314	17.3%
NC House 118	1,519	11.0%	8,008	19.8%	9,527	17.6%
NC House 119	1,624	11.6%	9,067	21.8%	10,690	19.2%
NC House 120	1,538	11.4%	9,207	22.7%	10,744	19.9%