

1982-2004 NLTC Baseweight Groups

Developed by CDS under NIA Grant U01 AG007198

Wave	Baseweights	FREQUENCY	POPULATION	Group
1982	730.5909	20,485	<u>14,966,154</u>	Age 65+ retained on file
	730.5909	35,789	<u>26,147,117</u>	Age 65+ Sample per Source & Accuracy Statement
1984	730.5909	284	207,488	A = Institutionalized after April 1
	730.5909	1,708	1,247,849	B = Institutionalized before April 1
	730.5909	6,393	4,670,667	C = Detail Community
	1610.6208	12,100	19,488,512	S = Screen Only
	730.5909	4,916	3,591,585	T = Age into 1984
		<u>25,401</u>	<u>29,206,101</u>	
Deceased Removed				
1984	730.5909	177	129,315	A = Institutionalized after April 1
	730.5909	1,133	827,759	B = Institutionalized before April 1
	730.5909	5,249	3,834,871	C = Detail Community
	1610.6208	11,243	18,108,210	S = Screen Only
	730.5909	4,906	3,584,279	T = Age into 1984
		<u>22,708</u>	<u>26,484,434</u>	
1989	730.5909	3,754	2,742,638	1984 Detailed interview and Impaired
	1505.8360	4,907	7,389,137	Age-in for 1988 NLTC
	1610.6208	6,051	9,745,866	Unimpaired in 1982 & (1984 detailed interview or unimpaired in 1984 and age > 74)
	2165.3253	1,637	3,544,638	Unimpaired in 1984 age < 75 and age-in 1984
	4773.5580	1,216	5,804,647	Unimpaired in 1982 & 1984 and 70 < age < 75
		<u>17,565</u>	<u>29,226,926</u>	Aged 66+
1989	<i>Proposed</i>			
	730.5909	3,754	2,742,638	1984 Detailed Interview
	1610.6208	825	1,328,762	1984 Detailed Interview, Unimpaired in 1982
	1505.8360	4,907	7,389,137	Age-in for 1988 NLTC
	2167.3710	1,637	3,547,986	Unimpaired in 1984 age < 75 and age-in 1984
	1729.7660	3,089	5,343,247	Unimpaired in 1984, Age 75+
	4778.0680	1,213	5,795,796	Unimpaired in 1982 & 1984 and 70 < age < 75
	1610.6208	2,140	3,446,729	Unimpaired in 1984, Age 75+
		<u>17,565</u>	<u>29,594,296</u>	

1982-2004 NLTC Baseweight Groups

Developed by CDS under NIA Grant U01 AG007198

Wave	Baseweights	FREQUENCY	POPULATION	Group
1994	247.2453	652	161,204	See Table 1: Screener Base Weights for all 1994 LTC Components
	545.0635	165	89,935	
	730.5909	5,048	3,688,023	
	1505.8361	379	570,712	
	1610.6208	5,991	9,649,229	
	2244.7063	5,000	11,223,532	
	2994.2043	1,936	5,796,780	
	<u>19,171</u>	<u>31,179,414</u>		
1999	181.8873	369	67,116	See Table 1: Screener Base Weights for all 1999 LTC Components
	354.3460	475	168,314	
	400.9788	45	18,044	
	730.5909	3,410	2,491,315	
	781.1718	137	107,021	
	1505.8360	1,859	2,799,349	
	1610.6208	3,543	5,706,429	
	1633.1217	5,500	8,982,169	
	2244.7063	1,366	3,066,269	
	2994.2043	1,630	4,880,553	
	4372.3968	1,573	6,877,780	
	<u>19,907</u>	<u>35,164,360</u>		
<u>1999</u>	<i>Proposed</i>			
	181.8873	369	67,116	See Table 1: Screener Base Weights for all 1999 LTC Components
	354.3460	475	168,314	
	400.9788	45	18,044	
	730.5909	3,410	2,491,315	
	781.1718	137	107,021	
	1505.8360	3,489	5,253,862	
	1610.6208	3,543	5,706,429	
	1633.1217	5,500	8,982,169	
	2244.7063	1,366	3,066,269	
	2994.2043	0	0	
	4372.3968	1,573	6,877,780	
	<u>19,907</u>	<u>32,738,320</u>		

Wave	Baseweights	FREQUENCY	POPULATION	Group
2004				See 12 JULY 2006 Calculating Baseweight Memo - Tupek
	26.3445	4	105	
	58.0777	16	929	
	65.2325	10	652	
	71.5812	100	7,158	
	94.6923	23	2,178	
	130.9159	282	36,918	
	143.8080	25	3,595	
	150.6536	223	33,596	
	159.2718	121	19,272	
	198.3239	104	20,626	
	208.7535	160	33,401	
	210.6532	1,180	248,571	
	730.5909	1,999	1,460,451	
	1505.8360	2,506	3,773,625	
	1610.6210	1,500	2,415,932	
	1617.3370	5,627	9,100,755	
	1633.1220	719	1,174,215	
	2244.7060	3,575	8,024,824	
	2955.9500	2,300	6,798,685	
		20,474	33,155,488	

¹ The 1982 base weight of 730.5909 reflects the base weight assigned to the sample size of roughly 35,789 cases that were included in the survey workload. The 1982 public use file maintains this original base weight for the sample, but includes only the 20,485 sample persons who were included in the 1984 NLTCS. Files containing the original sample of 35,789 are not available. For this reason, it was necessary to adjust the baseweight in the construction of the 1982 CDS cross-sectional weights.

In brief, the 1982 sample was initially set at approximately 55,000 persons. The 55,000 cases were grouped into 101 reduction groups of about 545 cases per group. It was determined that 6,000 detailed interviews were required to obtain the desired precision of measurement. Reduction groups were screened until approximately 6,000 sample persons for the detailed household survey were identified. Sixty-six of the 101 reduction groups were used to identify 6,393 sample persons eligible for the detail interview. Screeners were conducted with 35,789 sample persons.

- ² The 1989 NLTCS file contains two variables BASEWGT and BASICWGT. The base weight value for sample persons in Cohort 6 is reported to be 730.5908 in the BASEWGT variable and 1505.8360 in the BASICWGT variable. The latter, BASICWGT, is correct. In addition, the base weight assigned by the Census Bureau to sample who were between the ages of 70 and 74 has been questioned. In 1989 only a subsample of persons between ages of 70 and 74 and nondisabled in the 1984 NLTCS were included in the 1989 survey (see explanation above). Since the NLTCS was conducted in 1982 and 1984, it was possible to subsample out persons who had aged in to the original 1982 NLTCS and the 1984 NLTCS. Each group had different base weights (1610.6208 for sample person entering the NLTCS in 1982 and 730.5909 for sample persons who aged in to the 1984 NLTCS). Based on CDS review of the 1989 sampling documentation and NLTCS data, we have not been able to replicate the 14, 819 1984 screen outs referenced in the Census Bureau documentation. Our inability to confirm this count data calls into question the factor applied to the base weights assigned to the 1989 70 to 74 year old subsample. Our discussions with the Census Bureau on this subject have failed to yield a definitive answer to our inquiry.
- ³ The base weight for 1,630 sample persons aged 75 to 79 years of age and who were selected for Cohort 5 in 1994 received a base weight of 2,994.2043, but should have received a base weight of 1,505.8360. This error has been acknowledge by Census Bureau statisticians. The base weight for persons in this group who are subsampled in to the survey is adjusted to account for persons who are subsampled out of the survey. In other words, the base weights of the persons selected to participate are increased to represent those persons who were not selected for the current survey. The base weight is increased by a factor which is derived from the sample person's probability of being selected to the 70 to 74 year old nondisabled subsample. Since the survey is conducted every five years, persons who were subsampled out of the prior round of the survey are by definition eligible for the current survey; that is, they are now 75 years of age or older and no longer meet the subsampling criteria. Consequently, the base weight for all sample in this cohort must return to its original value since subsampling no longer occurs. The error with the 1999 base weights occurred because the higher base weight assigned to the subsampled cohort in 1994 was retained in 1999. The base weight should have reverted back to its original value of 1,505.8360.