

Sample size and unweighted interview and MEC examination response rates by age, gender, and race-ethnicity, NHANES III 1988-94

Demographic characteristics	Total		Interviewed		Examined	
	n		n	%	n	%
Total**	39,695		33,994	86	30,818	78
Males	19,166		16,295	85	14,781	77
2-11 month	1,129		1,067	95	982	87
1-2	1,431		1,347	94	1,273	89
3-5	1,799		1,675	93	1,579	88
6-11	1,931		1,768	92	1,665	86
12-19	1,847		1,622	88	1,510	82
20-29	2,146		1,801	84	1,643	77
30-39	2,043		1,620	79	1,468	72
40-49	1,684		1,325	79	1,222	73
50-59	1,249		953	76	852	68
60-69	1,658		1,298	78	1,166	70
70-79	1,246		993	80	823	66
80+	1,003		826	82	598	60
Females	20,529		17,699	86	16,037	78
2-11 month	1,077		1,040	97	979	91
1-2	1,408		1,342	95	1,254	89
3-5	1,921		1,790	93	1,681	88
6-11	1,854		1,699	92	1,621	87
12-19	2,040		1,819	89	1,701	83
20-29	2,291		1,982	87	1,865	81
30-39	2,314		1,974	85	1,860	80
40-49	1,785		1,469	82	1,360	76
50-59	1,371		1,105	81	1,001	73
60-69	1,688		1,310	78	1,143	68
70-79	1,510		1,163	77	928	61
80+	1,270		1,006	79	644	51
Non-Hispanic white	15,771		13,085	83	11,283	72
Males	7,430		6,122	82	5,344	72

2-11 month	650	614	94	558	86
1-2	470	442	94	412	88
3-5	495	454	92	420	85
6-11	543	482	89	439	81
12-19	453	396	87	363	80
20-29	575	452	79	397	69
30-39	658	501	76	449	68
40-49	610	474	78	428	70
50-59	640	472	74	414	65
60-69	749	572	76	505	67
70-79	768	596	78	489	64
80+	819	667	81	470	57
Females	8,341	6,963	83	5,939	71
2-11 month	626	603	96	558	89
1-2	497	471	95	425	86
3-5	540	495	92	439	81
6-11	521	463	89	427	82
12-19	599	519	87	461	77
20-29	649	546	84	500	77
30-39	790	649	82	598	76
40-49	632	527	83	472	75
50-59	694	548	79	480	69
60-69	757	570	75	480	63
70-79	1,014	769	76	602	59
80+	1,022	803	79	497	49
Non-Hispanic black	11,061	9,627	87	9,009	81
Males	5,302	4,574	86	4,261	80
2-11 month	177	170	96	161	91
1-2	408	385	94	371	91
3-5	575	535	93	512	89
6-11	655	605	92	577	88
12-19	656	579	88	542	83
20-29	617	523	85	494	80
30-39	670	534	80	492	73

40-49	509	404	79	368	72
50-59	305	241	79	217	71
60-69	420	323	77	292	70
70-79	233	205	88	178	76
80+	77	70	91	57	74
Females	5,759	5,063	88	4,748	82
2-11 month	163	157	96	154	94
1-2	389	375	96	361	93
3-5	600	565	94	542	90
6-11	606	556	92	541	89
12-19	692	629	91	601	87
20-29	749	648	87	625	83
30-39	789	685	87	655	83
40-49	586	479	82	451	77
50-59	354	297	84	272	77
60-69	424	331	78	291	69
70-79	269	217	81	175	65
80+	138	114	83	80	58
Mexican American	11,110	9,751	88	9,090	82
Males	5,595	4,868	87	4,500	80
2-11 month	204	193	95	182	89
1-2	463	437	94	412	89
3-5	642	601	94	564	88
6-11	644	598	93	570	89
12-19	655	572	87	535	82
20-29	855	743	87	677	79
30-39	633	522	82	470	74
40-49	506	400	79	379	75
50-59	250	193	77	179	72
60-69	443	366	83	335	76
70-79	217	175	81	142	65
80+	83	68	82	55	66
Females	5,515	4,883	89	4,590	83

2-11 month	183	176	96	167	91
1-2	467	443	95	418	90
3-5	689	647	94	620	90
6-11	657	616	94	591	90
12-19	642	575	90	548	85
20-29	799	703	88	661	83
30-39	633	558	88	527	83
40-49	482	392	81	370	77
50-59	254	204	80	193	76
60-69	446	360	81	323	72
70-79	180	140	78	119	66
80+	83	69	83	53	64

**total includes all race-ethnic categories including "other"

Weighted Interview and examination response rates by selected demographic characteristics

Demographic characteristics	Total	Interviewed	Examined	
	n	n	%	%
Total	39695	33994	82	73
Age Groups (Year)				
2-11 month	2206	2107	95	89
1-2	2839	2689	94	87
3-5	3720	3465	91	85
6-11	3785	3467	88	82
12-19	3887	3441	87	80
20-29	4437	3783	82	75
30-39	4357	3594	78	72
40-49	3469	2794	79	72
50-59	2620	2058	77	68
60-69	3346	2608	75	65
70-79	2756	2156	76	61
80+	2273	1832	79	52
Gender				
Males	19166	16295	80	72
Females	20529	17699	83	74
Race\Ethnicity				
NH-White	15771	13085	80	71
NH-Black	11061	9627	86	80
Mexican American	11110	9751	87	82
Other	1753	1531	83	78
Household Size				
1-2	11571	9161	77	65
3-4	15421	13270	82	75
5-6	8480	7638	85	79
>6	4223	3925	91	88
Region				

Northeast	5878	4638	75	65
Midwest	7482	6430	83	76
South	16313	14384	85	77
West	10022	8542	82	74
MSA status				
MSA	32155	27149	81	72
Non-MSA	7540	6840	87	81
Marital Status				
Married	11943	11407	95	86
Wid/Div/Sep	4514	4427	98	82
Never Married	5598	5385	96	86
Education*				
No School	9011	8957	100	92
High School	19509	18930	96	87
College+	6045	5818	96	86
Family Income *!				
<\$10,000	7172	6839	94	84
\$10,000-29,999	18874	15872	81	73
\$30,000-49,999	8739	6990	76	69
≥\$50,000	4910	4293	85	76
Poverty Index *!				
<1	10688	10068	92	86
≥1	29007	23926	80	71
Family stayed at same address *				
≤2 years	12911	12717	98	89
3-5 years	6495	6365	98	89
6+ years	15167	14569	95	84
Any insurance coverage?				
Yes	20871	20282	96	86
No	2089	1995	94	88

Any smokers in household?*				
Yes	12842	12451	96	87
No	21949	21412	97	87
Health status *				
Exc/Very Good/Good	28464	27862	96	86
Fair/Poor	6276	6128	97	83

*Among Interviewed persons who completed the family questionnaire; missing data are not shown

! Observed or imputed

Comparison of demographic characteristics of examined and not examined persons among interviewed person, NHANES III, 1988-94

Demographic characteristics	Total	Examined	Not Examined		Difference**
	N	N	%	%	%
Total	39695	30818	78	22	
Age Groups (Year)					
2-11 month	2206	1961	6	3	3
1-2	2839	2527	8	4	4
3-5	3720	3260	11	5	6
6-11	3785	3286	11	6	5
12-19	3887	3211	10	8	2
20-29	4437	3508	11	10	1
30-39	4357	3328	11	12	-1
40-49	3469	2582	8	10	-2
50-59	2620	1853	6	9	-3
60-69	3346	2309	7	12	-5
70-79	2756	1751	6	11	-5
80+	2273	1242	4	12	-8
Gender					
Males	19166	14781	48	49	-1
Females	20529	16037	52	51	1
Race\Ethnicity					
NH-White	15771	11283	37	51	-14
NH-Black	11061	9009	29	23	6
Mexican American	11110	9090	29	23	6
Other	1753	1436	5	4	1
Household Size					
1-2	11571	7674	25	44	-19
3-4	15421	12165	39	37	2
5-6	8480	7210	23	14	9
>6	4223	3769	12	5	7

Region					
Northeast	5878	3948	13	22	-9
Midwest	7482	5880	19	18	1
South	16313	13187	43	35	8
West	10022	7803	25	25	0
MSA status					
MSA	32155	24464	79	87	-8
Non-MSA	7540	6354	21	13	8
Marital Status					
Married	11943	10270	54	52	3
Wid/Div/Sep	4514	3669	19	26	-7
Never Married	5598	4924	26	21	5
Education*					
No School	9011	8398	27	16	11
High School	19509	17034	56	63	-7
College+	6045	5225	17	21	-4
Family Income *!					
<\$10,000	7172	6233	20	11	-9
\$10,000-29,999	18874	14429	47	50	-3
\$30,000-49,999	8739	6286	20	28	-8
≥\$50,000	4910	3870	13	12	1
Poverty Index *!					
<1	10688	9480	31	14	17
≥1	29007	21338	69	86	-17
Family stayed at same address *					
≤2 years	12911	11865	39	26	13
3-5 years	6495	5887	19	15	4
6+ years	15301	12957	42	59	-17
Any insurance coverage?					

Yes	20871	18142	91	93	-2
No	2089	1868	9	7	2
Any smokers in household?*					
Yes	12842	11498	37	34	3
No	21949	19290	63	66	-3
Health status *					
Exc/Very Good/Gc	28464	25470	83	76	7
Fair/Poor	6276	5346	17	24	-7
Urbanization					
0-3, metro	32958	25194	82	87	-5
4-9 non-metro	6737	5624	18	13	5

*Among Interviewed persons who completed the family questionnaire; missing data are not shown

! Observed or imputed

** difference = [examined(%)] - [not examined(%)]; a large negative value suggests an under-representation among examined persons in that category.

MEC Component completion rates[§] (%) among MEC examined persons by age-group to show pattern of component response, NHANES III, 1988-94

Completion rate by age-groups (years)

Examination component	Overall completion rate	Completion rate by age-groups (years)									
		2-11 months	1-5	6-7	8-11	12-16	17-19	20-39	40-59	60-74	75+
Allergy	90			89	91	91	92	91	89		
Audio	94			94	94	94	93				
Body Measure	99	100	98	98	99	98	98	99	98	98	97
Bone Density*	92							88	93	92	88
CNS	91							91	91		
Dental	98		97	99	98	97	98	98	97	97	98
Dietary Recall	99	99	99	99	99	99	99	99	98	98	97
ECG	95								96	95	91
Fundus Photo **	95								97	95	90
GB Ultrasound	98							98	98	97	
OGTT **	84								87	84	
MEC interview	98	99	99	97	98	97	98	97	97	98	97
Performance Test	96									96	95
Phlebotomy	93		84	89	92	94	94	96	97	98	95
Physician's exam	95	98	97	95	95	93	96	96	96	95	95
Spirometry **	93				96	96	96	95	95	90	83
Urine specimen	98			94	97	97	98	99	98	97	93
Xray	93									94	90

[§] Includes complete and satisfactory, unsatisfactory, and incomplete examinations

^{§ §} These response rates are computed among examined persons from an unedited administrative file. The completion rates may not be exactly the same as the actual component completion rate. Sometimes a large or small proportion of data was recovered during the editing process. These rates are just to show pattern of component response by examination age-groups.

* high medical safety exclusion

** high unsatisfactory examinations