Table 3-1
Summary of Fish Ingestion Rates
1991 New York Angler Survey [(a)]

Percentiles	Ingestion Rate (meals/yr)	Ingestion Rate (g/day)
10	1	0.62
20	2	1.2
30	3	1.9
40	5	3.1
50	6.4	4.0
60	10	6.2
70	15	9.3
80	28	17.4
90	51	31.9
95	102	63.4
98	292	182
99	393	244
Arith. Mean	28	17.3

Notes:

[(a)] *Distribution percentiles from the 1991 New York Angler Survey (Connelly et al., 1992)*

Table 3-2
Fish Ingestion Rate Summary for Several Surveys

Study	Average Daily Fish Consumption (g/day)	
	Central Estimate[a]	High End Estimate[b]
1991 New York angler survey		
(Connelly et al., 1992)		
All flowing waterbodies	4.0	31.9
EPA Exposure Factors Handbook		
(USEPA, 1997f)		
Recreational freshwater anglers	8	25
1993 Maine Angler Survey		
(Ebert et al., 1993)		
All flowing waterbodies		
Assuming fish shared with household	0.99	12
Assuming only angler consumes fish	2.5	27
1992 Lake Ontario Diary Study		
(Connelly et al., 1996)		
Sport-caught fish	2.2	17.9
Fish – all sources	14.1	42.3
1989 Michigan Survey		
(West et al., 1989 as cited in USEPA, 1997f)		
Recreational fish intake	10.9	38.7

Notes:

[a] *Central estimate represents mean intake for value from the EPA Exposure Factors Handbook (1997f), and 50th percentile values from all other studies listed.*

[b] *High end estimate is 90th percentile for 1991 New York Angler survey and 95th percentile for all others.*

Table 3-3
Summary of 1991 New York Angler Survey
Fish Consumption by Species Reported

Water Body Type/ Species Group	Number Reporting Eating Fish	Total Caught	Total Eaten	Average Number Eaten [b]	Standard Deviation [a]	Maximum Number Eaten	Percent of Hudson Species	Percent of All Fish
Flowing								
Bass	68	1,842	584	8.6	19.2	145	38%	14%
Walleye	36	333	134	3.7	4.2	20	9%	3%
Bullhead	23	1,092	558	24.3	61.9	300	36%	14%
Carp	2	[b]	90	45.0	42.4	75	6%	2%
Eel	4	38	38	9.5	10.6	25	2%	0.9%
Perch	17	833	139	8.2	12.5	51	9%	3%
Subtotal		4,138	1,543				100%	38%
Salmon	35	559	193	5.5	5.3	25		5%
Trout	130	3,099	1,230	9.5	15.7	133		30%
Catfish	11	158	113	10.3	15.5	50		3%
Other	45	2,871	1,025	22.8	50.1	200		25%
Total All Fish		10,825	4,104					100%
Not Flowing								
Bass	154	3,370	1,032	6.7	12.0	100	29%	14%
Walleye	112	2,292	1,054	9.4	14.2	75	30%	14%
Bullhead	53	1,200	634	12.0	21.5	100	18%	8%
Carp	4	7	29	7.3	6.7	14	0.8%	0.4%
Eel	2	2	3	1.5	0.7	2	0.1%	0.04%
Perch	51	2,289	816	16.0	32.4	200	23%	11%
Subtotal		9,160	3,568				100%	47%
Salmon	55	538	480	8.7	15.2	80		6%
Trout	152	2,428	1,400	9.2	18.3	150		18%
Catfish	10	46	46	4.6	6.9	20		0.6%
Other	94	5,976	2,125	22.6	58.1	403		28%
Total All Fish		18,148	7,619					100%
Not Reported								
Bass	128	4,006	1,110	8.7	17.0	100	42%	17%
Walleye	34	389	206	6.1	8.8	40	8%	3%
Bullhead	55	2,374	1,099	20.0	43.2	225	41%	16%
Carp	5	16	11	2.2	1.6	5	0.4%	0.2%
Eel	5	9	13	2.6	2.5	7	0.5%	0.2%
Perch	24	338	222	9.3	21.7	100	8%	3%
Subtotal		7,132	2,661				100%	40%
Salmon	14	139	120	8.6	7.3	20		2%
Trout	148	2,836	1,319	8.9	16.8	157		20%
Catfish	4	40	17	4.3	2.8	7		0.3%
Other	104	7,731	2,559	24.6	72.2	630		38%
Total All Fish		17,878	6,676					100%

Notes:

[a] *Mean and Standard Deviation are over number of anglers reporting they ate particular species.*
[b] *Number caught not reported.*

Modeled PCB concentration estimates are available for species in ***Bold***
Source: Connelly et al. (1992)

Table 3-4
Species-Group Intake Percentages
Using 1991 New York Angler Survey Data

Group 1		Group 2		Group 3	
Brown bullhead	36%	Bass	38%	Perch	9%
Carp	6%	Walleye	9%		
Eel	2%				
Species Group Totals	44%		47%		9%

Table 3-5
Summary of PCB Losses from Fish due to Cooking

Study	Type of Fish	Location	Preparation Method	Cooking Method	Percent PCB Loss from Fish
Armbruster *et al.*, 1987	Striped Bass	Long Island Sound, NY	trimmed, skin-off	Baked 31-40 minutes	21
				Broiled 15-20 minutes	11
				Pan-fried, about 10 minutes	15
				Microwaved, 5-10 minutes	19
				Poached, 5-10 minutes	12
				Boiled, 10-20 minutes	(+4%)
Armbruster *et al.*, 1989	Bluefish	Long Island Sound	trimmed, skin-off	various	8
Moya *et al.*, 1998	Winter Flounder		filleted and sectioned	Deep fried - 1 minute	48
				Pan fried - 1 min/side	(+15%)
				Broiled - 2 minutes	(+17%)
Puffer and Gossett, 1983	White Croaker	Orange County, CA	trimmed, skin-off	Pan Fried	28
		Santa Monica, CA	trimmed, skin-off		65
Salama *et al.*, 1998	Bluefish	Massachusetts	filleted	Smoked	65
				Microwaved	60
				Charbroiled (skin on)	47
				Charbroiled (skin off)	37
				Pan-fried	27
				Baked	39
Schecter *et al.*, 1998	Catfish	New York	filleted	Broiled - approx 30 minutes	47
Skea *et al.*, 1979	Smallmouth Bass	Lake Ontario	trimmed	Deep-fried for 3-4 minutes	74
			untrimmed	Baked	16
	Brown Trout		untrimmed	Smoked	27
			trimmed	Broiled for 15 minutes	0
Smith *et al.*, 1973	Chinook Salmon	Lake Michigan	cleaned steaks	Baked or Poached	2-8
			cleaned steaks	Baked-in-Bag	11-16
Zabik *et al.*, 1979	Lake trout		trimmed, skin-off	Broiled	53
			trimmed, skin-off	Baked	34
			trimmed, skin-off	Microwaved	26
			trimmed, skin-off	Baked	50
			trimmed, skin-on	Baked	40

Table 3-5 (cont.)
Summary of PCB Losses from Fish due to Cooking

Study	Type of Fish	Location	Preparation Method	Cooking Method	Percent PCB Loss from Fish
Zabik *et al.*, 1995a	Chinook Salmon	Lakes Huron/Michigan	trimmed, skin-on	Baked	37
		Lakes Huron/Michigan	trimmed, skin- off	Baked	37
		Lakes Huron/Michigan	trimmed, skin-on	Charbroiled	45
		Lakes Huron/Michigan	trimmed, skin- off	Charbroiled	48
	Carp	Lakes Erie and Huron	trimmed, skin-on	Pan-fried	31
		Lakes Erie and Huron	trimmed, skin- off	Pan-fried	32
		Lakes Erie and Huron	trimmed, skin-on	Deep-fried	32
		Lakes Erie and Huron	trimmed, skin-off	Deep-fried	26
		Lake Erie	trimmed, skin-on or off	Deep fried or Pan fried	22
		Lake Huron	trimmed, skin-on or off	Deep fried or Pan fried	44
Zabik *et al.*, 1995b	Walleye	Lakes Erie, Huron and Michigan	filleted - skin on	Baked	19
			filleted - skin on	Charbroiled	25
		Lake Erie	filleted - skin on	Baked or Charbroiled	17
		Lake Huron	filleted - skin on	Baked or Charbroiled	24
		Lake Michigan	filleted - skin on	Baked or Charbroiled	25
	White Bass	Lake Erie	filleted - skin on	Pan fried	18
		Lake Huron	filleted - skin on	Pan fried	44
Zabik *et al.*, 1996	Lake Trout (lean)	Lakes Huron, Michigan and Ontario	filleted - skin off	Baked	13
			filleted - skin off	Charbroiled	11
		Lake Michigan	filleted - skin off	Baked	10
			filleted - skin off	Charbroiled	7
			filleted - skin off	Saltboiled	10
			filleted - skin on	Smoked	41
	Fat Trout (Siscowets)	Lake Superior	filleted - skin off	Baked	18
			filleted - skin off	Charbroiled	32
			filleted - skin off	Saltboiled	19
		Lake Huron	filleted - skin on	Smoked	37

Note: PCB losses for Armbuster (1987) and Zabik et al. (1995a, b, and 1996) were calculated from values in the studies for mass of PCB in fish before and after cooking.

Table 3-6
Joint Distribution Over Current Age and Age at Which Individual Started Fishing

Age		Fraction of Individuals Among	
Started Fishing	**Now**	**All Anglers Currently Living in the Upper Hudson Region**	**Individuals in the Upper Hudson Region Who Started Fishing Recently**
10	10	16.8%	72.3%
	20	16.8%	
	30	16.8%	
	40	16.8%	
	50	8.6%	
	60	5.5%	
	70	0.9%	
	80	0.2%	
20	20	2.6%	11.2%
	30	2.6%	
	40	2.5%	
	50	0.8%	
	60	0.7%	
	70	0.3%	
	80	0.1%	
30	30	1.9%	8.3%
	40	1.9%	
	50	0.6%	
	60	0.2%	
	70	0.1%	
	80	0.0%	
40	40	1.3%	5.5%
	50	0.6%	
	60	0.3%	
	70	0.1%	
	80	0.0%	
50	50	0.4%	1.8%
	60	0.4%	
	70	0.0%	
	80	0.0%	
60	60	0.2%	0.7%
	70	0.1%	
	80	0.0%	
70	70	0.0%	0.1%
	80	0.0%	
80	80	0.0%	0.1%

Source: 1991 New York Angler Survey, (Connelly, et al., 1992).

Table 3-7
Time Until Individual Stops Fishing

Age		Probability that Individual Will Stop Fishing in Exactly This Many Years						
Started Fishing	**Now**	**10**	**20**	**30**	**40**	**50**	**60**	**70**
10	10	0%	0%	0%	48%	19%	27%	6%
	20	0%	0%	48%	19%	27%	6%	
	30	0%	48%	19%	27%	6%		
	40	48%	19%	27%	6%			
	50	36%	53%	11%				
	60	83%	17%					
	70	100%						
20	20	0%	4%	64%	4%	17%	10%	
	30	4%	64%	4%	17%	10%		
	40	67%	5%	18%	10%			
	50	14%	55%	31%				
	60	64%	36%					
	70	100%						
30	30	0%	69%	19%	9%	3%		
	40	69%	19%	9%	3%			
	50	62%	29%	10%				
	60	75%	25%					
	70	100%						
40	40	53%	20%	22%	4%			
	50	43%	48%	10%				
	60	83%	17%					
	70	100%						
50	50	0%	93%	7%				
	60	93%	7%					
	70	100%						
60	60	67%	33%					
	70	100%						
70	70	100%						

Source: 1991 New York Angler Survey, (Connelly, et al., 1992).

Table 3-8
County-to-County In-Migration Data for Albany County, NY

Age Group	No Move	Move In										Total from Outside Region[a]
		Total	From Abroad	Domestic								
				Total	Outside Region[a]	Inside Region[a]						
						Total	From Albany	From Rensselaer	From Saratoga	From Warren	From Washington	
5 to 9	8,638	9,002	228	8,774	2,111	6,663	5,795	536	262	18	52	2,339
10 to 14	10,128	6,482	226	6,256	1,604	4,652	4,253	304	86	0	9	1,830
15 to 19	11,284	9,642	236	9,406	4,958	4,448	3,713	428	177	61	69	5,194
20 to 24	8,012	19,788	428	19,360	11,187	8,173	6,188	995	705	165	120	11,615
25 to 29	5,515	18,568	640	17,928	6,825	11,103	9,111	1366	526	83	17	7,465
30 to 34	8,196	17,658	558	17,100	5,388	11,712	10,256	840	558	23	35	5,946
35 to 44	24,243	20,419	407	20,012	5,818	14,194	12,533	980	592	53	36	6,225
45 to 54	20,091	7,999	277	7,722	2,185	5,537	4,866	458	208	5	0	2,462
55 to 64	20,764	4,837	97	4,740	1,225	3,515	3,099	222	170	24	0	1,322
65 to 74	19,380	4,189	78	4,111	982	3,129	2,867	179	74	0	9	1,060
75 to 84	10,929	2,914	22	2,892	644	2,248	1,984	190	49	0	25	666
85+	3,670	1,746	0	1,746	355	1,391	1,227	117	41	0	6	355

Notes:

a. The Upper Hudson Region consists of Albany, Rensselaer, Saratoga, Warren, and Washington Counties.

Source: 1990 U.S. Census.

Table 3-9
County-to-County In-Migration Data for Rensselaer County, NY

	No Move	Move In										Total from Outside Region[a]
		Total	From Abroad	Domestic								
				Total	Outside Region[a]	Inside Region[a]						
						Total	From					
Age Group							Albany	Rensselaer	Saratoga	Warren	Washington	
5 to 9	5,577	4,769	80	4,689	965	3,724	656	2,902	131	0	35	1,045
10 to 14	6,155	3,608	73	3,535	686	2,849	438	2,283	101	0	27	759
15 to 19	6,820	5,126	213	4,913	2,301	2,612	368	2,084	128	14	18	2,514
20 to 24	4,911	8,940	436	8,504	3,670	4,834	776	3,777	215	21	45	4,106
25 to 29	3,763	8,867	435	8,432	2,144	6,288	1211	4,713	295	18	51	2,579
30 to 34	5,236	7,976	221	7,755	1,935	5,820	1419	4,076	273	37	15	2,156
35 to 44	14,632	9,049	130	8,919	1,994	6,925	1503	5,030	297	20	75	2,124
45 to 54	10,930	3,214	40	3,174	599	2,575	495	1,951	85	13	31	639
55 to 64	11,355	2,125	46	2,079	482	1,597	264	1,303	24	0	6	528
65 to 74	10,010	1,712	5	1,707	320	1,387	216	1,101	62	0	8	325
75 to 84	5,613	1,146	7	1,139	154	985	205	730	41	6	3	161
85+	1,522	520	0	520	99	421	75	328	12	0	6	99

Notes:

a. The Upper Hudson Region consists of Albany, Rensselaer, Saratoga, Warren, and Washington Counties.

Source: 1990 U.S. Census.

Table 3-10
County-to-County In-Migration Data for Saratoga County, NY

	No Move	Move In										Total from Outside Region[a]
		Total	From Abroad	Domestic								
				Total	Outside Region[a]	Inside Region[a]						
						Total	From					
Age Group							Albany	Rensselaer	Saratoga	Warren	Washington	
5 to 9	3,149	5,752	80	5,672	675	4,997	474	293	3,885	198	147	755
10 to 14	2,652	3,728	73	3,655	611	3,044	287	140	2,403	119	95	684
15 to 19	2,155	6,006	213	5,793	2,305	3,488	185	171	2,964	113	55	2,518
20 to 24	3,303	9,955	436	9,519	3,685	5,834	443	229	4,792	229	141	4,121
25 to 29	4,791	12,284	435	11,849	1,203	10,646	1230	580	8,130	413	293	1,638
30 to 34	4,614	10,539	221	10,318	1,372	8,946	1375	419	6,639	342	171	1,593
35 to 44	6,540	11,469	130	11,339	1,478	9,861	1179	622	7,450	381	229	1,608
45 to 54	2,804	4,089	40	4,049	484	3,565	426	111	2,826	112	90	524
55 to 64	1,558	2,452	46	2,406	228	2,178	347	53	1,630	75	73	274
65 to 74	978	1,868	5	1,863	228	1,635	187	35	1,257	103	53	233
75 to 84	577	997	7	990	235	755	52	34	581	50	38	242
85+	248	506	0	506	100	406	57	6	314	14	15	100

Notes:

a. The Upper Hudson Region consists of Albany, Rensselaer, Saratoga, Warren, and Washington Counties.

Source: 1990 U.S. Census.

Table 3-11
County-to-County In-Migration Data for Warren County, NY

Age Group	No Move	Move In										Total from Outside Region[a]
		Total	From Abroad	Domestic								
				Total	Outside Region[a]	Inside Region[a]						
						Total	From Albany	From Rensselaer	From Saratoga	From Warren	From Washington	
5 to 9	1,760	2,429	44	2,385	680	1,705	35	0	184	1,333	153	724
10 to 14	2,109	1,879	32	1,847	482	1,365	19	33	180	1,020	113	514
15 to 19	2,646	1,765	32	1,733	671	1,062	6	20	136	828	72	703
20 to 24	1,550	2,538	57	2,481	611	1,870	13	2	155	1,479	221	668
25 to 29	1,187	3,392	30	3,362	1,136	2,226	97	19	223	1,637	250	1,166
30 to 34	1,635	3,247	47	3,200	967	2,233	113	0	190	1,757	173	1,014
35 to 44	4,833	4,111	83	4,028	1,215	2,813	42	48	326	2,153	244	1,298
45 to 54	4,521	1,700	31	1,669	571	1,098	13	14	93	878	100	602
55 to 64	4,078	1,263	10	1,253	527	726	45	8	71	507	95	537
65 to 74	3,709	1,128	17	1,111	429	682	3	12	81	540	46	446
75 to 84	2,149	540	0	540	144	396	7	0	57	313	19	144
85+	677	348	0	348	75	273	0	0	39	208	26	75

Notes:

a. The Upper Hudson Region consists of Albany, Rensselaer, Saratoga, Warren, and Washington Counties.

Source: 1990 U.S. Census.

Table 3-12
County-to-County In-Migration Data for Washington County, NY

	No Move	Move In										Total from Outside Region[a]
		Total	From Abroad	Domestic								
				Total	Outside Region[a]	Inside Region[a]						
						Total	From					
Age Group							Albany	Rensselaer	Saratoga	Warren	Washington	
5 to 9	2,438	1,878	3	1,875	483	1,392	14	48	148	193	989	486
10 to 14	2,544	1,541	0	1,541	442	1,099	8	34	92	162	803	442
15 to 19	2,756	1,483	30	1,453	372	1,081	0	26	83	99	873	402
20 to 24	1,731	2,638	12	2,626	824	1,802	6	58	148	187	1403	836
25 to 29	1,464	3,595	32	3,563	1,336	2,227	96	70	133	324	1604	1,368
30 to 34	2,093	3,159	68	3,091	1,161	1,930	75	77	267	265	1246	1,229
35 to 44	5,534	3,233	6	3,227	1,118	2,109	45	80	227	355	1402	1,124
45 to 54	4,350	1,538	2	1,536	432	1,104	21	49	132	134	768	434
55 to 64	4,313	953	2	951	285	666	3	25	74	116	448	287
65 to 74	3,824	749	0	749	254	495	2	25	40	47	381	254
75 to 84	1,822	492	2	490	112	378	0	6	47	54	271	114
85+	656	228	0	228	90	138	0	0	26	26	86	90

Notes:

a. The Upper Hudson Region consists of Albany, Rensselaer, Saratoga, Warren, and Washington Counties.

Source: 1990 U.S. Census.

Table 3-13
County-to-County In-Migration Data for The Upper Hudson Region[a]

	No Move	Move In										Total from Outside Region[a]
		Total	From Abroad	Domestic								
				Total	Outside Region[a]	Inside Region[a]						
						Total	From					
Age Group							Albany	Rensselaer	Saratoga	Warren	Washington	
5 to 9	21,562	23,830	435	23,395	4,914	18,481	6,974	3,779	4,610	1,742	1,376	5,349
10 to 14	23,588	17,238	404	16,834	3,825	13,009	5,005	2,794	2,862	1,301	1,047	4,229
15 to 19	25,661	24,022	724	23,298	10,607	12,691	4,272	2,729	3,488	1,115	1,087	11,331
20 to 24	19,507	43,859	1,369	42,490	19,977	22,513	7,426	5,061	6,015	2,081	1,930	21,346
25 to 29	16,720	46,706	1,572	45,134	12,644	32,490	11,745	6,748	9,307	2,475	2,215	14,216
30 to 34	21,774	42,579	1,115	41,464	10,823	30,641	13,238	5,412	7,927	2,424	1,640	11,938
35 to 44	55,782	48,281	756	47,525	11,623	35,902	15,302	6,760	8,892	2,962	1,986	12,379
45 to 54	42,696	18,540	390	18,150	4,271	13,879	5,821	2,583	3,344	1,142	989	4,661
55 to 64	42,068	11,630	201	11,429	2,747	8,682	3,758	1,611	1,969	722	622	2,948
65 to 74	37,901	9,646	105	9,541	2,213	7,328	3,275	1,352	1,514	690	497	2,318
75 to 84	21,090	6,089	38	6,051	1,289	4,762	2,248	960	775	423	356	1,327
85+	6,773	3,348	0	3,348	719	2,629	1,359	451	432	248	139	719

Notes:

a. The Upper Hudson Region consists of Albany, Rensselaer, Saratoga, Warren, and Washington Counties.

Source: 1990 U.S. Census.

Table 3-14
Computation of 1-Year Move Probabilities for the Upper Hudson Region

Age Group (k)		$In_{1985\text{-}90,k}$[a]	$Start_{1985\text{-}90,k}$[b]	$Start_{1985\text{-}90,k+1}$[c]	$Out_{1985\text{-}90,k}$[d]	Probability of Moving in a 5-year Period[e]	$p_{k,1}$[f]
5 to 9	(1)	5,349	21,562	23,588	3,323	12.3%	2.5%
10 to 14	(2)	4,229	23,588	25,661	2,156	7.8%	1.6%
15 to 19	(3)	11,331	25,661	19,507	17,485	47.3%	9.5%
20 to 24	(4)	21,346	19,507	16,720	24,133	59.1%	11.8%
25 to 29	(5)	14,216	16,720	21,774	9,162	29.6%	5.9%
30 to 34	(6)	11,938	21,774	27,891[g]	5,821	17.3%	3.5%
35 to 44	(7)	12,379	55,782	42,696	25,465	37.4%	7.5%
45 to 54	(8)	4,661	42,696	42,068	5,289	11.2%	2.2%
55 to 64	(9)	2,948	42,068	37,901	7,115	15.8%	3.2%
65 to 74	(10)	2,318	37,901	21,090	19,129	47.6%	9.5%
75 to 84	(11)	1,327	21,090	6,773	15,644	69.8%	14.0%
85+	(12)	719	6,773	NA[h]	7,492		100%[i]

Notes:

a. *Taken from the column labeled, "Total from Outside Region" in Table 3-13.*

b. *Taken from the column labeled, "No Move" in Table 3-13.*

c. *Set equal to the value of* $Start_{1985\text{-}90,k}$ *in the preceding row.*

d. $Out_{1985\text{-}90,k} = (Start_{1985\text{-}90,k} - Start_{1985\text{-}90,k+1}) + In_{1985\text{-}90,k}$

e. *Set equal to* $\dfrac{Out_{1985-90,k}}{Start_{1985-90,k} + In_{1985-90,k}}$.

f. *Set equal to 1/5 ´ the probability of moving in a 5-year period.*

g. *The value in this cell is 1/2 the value listed for* $Start_{1985\text{-}90,7}$ *to make* $Start_{1985\text{-}90,6}$ *and* $Start_{1985\text{-}90,7}$ *comparable. The adjustment addresses the fact that Age Group 7 represents 10 years (ages 35 to 44), whereas Age Group 6 represents 5 years (ages 30 to 34).*

h. *Since Age Group 12 (ages 85+) is the last age group, there is no value for* $Start_{1985\text{-}90,13}$.

i. *Assumes no exposure after age 85. This assumption has no effect on the estimated risk since it is assumed that individuals stop fishing by age 80.*

Table 3-15
Annual Probability That Individual Will Leave Region[a]

Current Age	Annual Probability of Leaving Upper Hudson Region
10-14	1.6%
15-19	9.5%
20-24	11.8%
25-29	5.9%
30-34	3.5%
35-44	7.5%
45-54	2.2%
55-64	3.2%
65-74	9.5%
75-84	14.0%
85+	100%

Notes:

a. From $P_{k,1}$ in.Table 3-14.

Table 3-16
Age-Specific Body Weight Distributions

Age (Years)	Gender	Body Weight (kg)			
		Arithmetic Mean[a]	Arithmetic Std Deviation[a]	Geometric Mean	Geometric Standard Deviation
1	both	11.8	1.4	11.72	1.13
2	both	13.6	1.6	13.51	1.12
3	both	15.7	1.7	15.61	1.11
4	both	17.8	2.3	17.65	1.14
5	both	20.1	2.8	19.91	1.15
6	both	23.1	3.5	22.84	1.16
7	both	25.1	3.8	24.82	1.16
8	both	28.4	5.2	27.94	1.20
9	both	31.3	5.0	30.91	1.17
10	both	37.0	7.5	36.26	1.22
11	both	41.3	10.5	40.03	1.28
12	both	44.9	10.0	43.83	1.25
13	both	49.5	10.5	48.42	1.23
14	both	56.6	10.3	55.69	1.20
15	both	60.5	9.7	59.74	1.17
16	both	67.7	11.6	66.73	1.19
17	both	67.0	11.5	66.03	1.19
>18	both	71.0	15.9	69.28	1.25
>18	male	78.7	13.5	77.57	1.19
>18	female	65.4	15.3	63.68	1.26

Notes:

a. Source: Finley et al. (1994), Table 2.