Additional file 1 — Leading causes of premature death by ethnicity and sex, San Francisco, 2003-2004

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Table A-1: Leading causes of premature death for African Americans, San Francisco, 2003–2004

Rank	Underlying cause of death	YLL	YLL %[a]	Deaths	Average YLL[b]	$ASYR$[c,d]
Male						
1	Violence/assault, all mechanisms	1607.8	11.9	62	25.9	3110.9
2	Drug overdose, unintentional	711.5	5.3	36	19.8	1118.8
3	HIV/AIDS	1183.7	8.7	60	19.7	1790.7
4	Alcohol use disorders	468.4	3.5	30	15.6	729.7
5	Hypertensive heart disease	882.2	6.5	60	14.7	1391.5
6	Lung, bronchus, and trachea cancers	679.7	5.0	52	13.1	1088.8
7	Diabetes mellitus	429.5	3.2	34	12.6	730.9
8	Ischemic heart disease	1420.5	10.5	120	11.8	2376.2
9	Chronic obstructive pulmonary disease	460.1	3.4	39	11.8	755.9
10	Cerebrovascular disease	557.2	4.1	52	10.7	938.7
Female						
1	Drug overdose, unintentional	203.4	2.4	9	22.6	360.5
2	HIV/AIDS	379.9	4.4	17	22.3	685.6
3	Breast Cancer	554.8	6.5	39	14.2	880.0
4	Nephritis and nephrosis	217.0	2.5	18	12.1	338.1
5	Lung, bronchus, and trachea cancers	422.0	4.9	36	11.7	599.9
6	Chronic obstructive pulmonary disease	244.7	2.9	21	11.7	369.9
7	Hypertensive heart disease	525.9	6.2	49	10.7	761.5
8	Diabetes mellitus	296.3	3.5	32	9.3	407.0
9	Ischemic heart disease	1161.4	13.6	137	8.5	1554.4
10	Cerebrovascular disease	674.4	7.9	82	8.2	893.2

[a] $YLL\% = YLL \div$ Total YLL from all causes (Step 1: used to select top 10 causes)
[b] Average $YLL = YLL \div$ Deaths (Step 2: used to subrank top 10 causes)
[c] $ASYR$ = Age-standardized YLL rate per 100,000 persons per year
[d] Rates calculated from less than 20 deaths may be unreliable.

Table A-2: Leading causes of premature death for Asians/Pacific Islanders, San Francisco, 2003–2004

Rank	Underlying cause of death	YLL	YLL $\%^a$	Deaths	Average YLL^b	$ASYR^{c,d}$
Male						
1	Self-inflicted injuries, all mechanisms	613.8	4.1	31	19.8	240.0
2	Liver cancer	883.2	5.9	71	12.4	320.0
3	Lymphomas and multiple myeloma	334.9	2.3	33	10.1	121.6
4	Hypertensive heart disease	564.7	3.8	58	9.7	205.3
5	Colon and rectum cancers	395.5	2.7	41	9.6	143.8
6	Lung, bronchus, and trachea cancers	1345.6	9.1	144	9.3	475.3
7	Cerebrovascular disease	1409.7	9.5	168	8.4	519.1
8	Ischemic heart disease	2204.6	14.8	289	7.6	820.9
9	Chronic obstructive pulmonary disease	598.3	4.0	88	6.8	213.5
10	Lower respiratory infections	434.9	2.9	73	6.0	160.3
Female						
1	Breast Cancer	752.6	5.6	49	15.4	235.9
2	Liver cancer	372.7	2.8	34	11.0	103.5
3	Lymphomas and multiple myeloma	346.7	2.6	33	10.5	95.0
4	Lung, bronchus, and trachea cancers	957.8	7.2	93	10.3	263.4
5	Colon and rectum cancers	491.8	3.7	48	10.2	138.1
6	Hypertensive heart disease	514.1	3.8	67	7.7	131.4
7	Diabetes mellitus	363.0	2.7	49	7.4	94.5
8	Cerebrovascular disease	1623.6	12.2	221	7.3	428.1
9	Ischemic heart disease	1860.7	13.9	265	7.0	489.0
10	Lower respiratory infections	378.1	2.8	69	5.5	96.9

[a] $YLL\% = YLL \div$ Total YLL from all causes (Step 1: used to select top 10 causes)

[b] Average $YLL = YLL \div$ Deaths (Step 2: used to subrank top 10 causes)

[c] $ASYR =$ Age-standardized YLL rate per 100,000 persons per year

[d] Rates calculated from less than 20 deaths may be unreliable.

Table A-3: Leading causes of premature death for Latinos/Hispanics, San Francisco, 2003–2004

Rank	Underlying cause of death	YLL	YLL $\%^a$	Deaths	Average YLL^b	$ASYR^{c,d}$
Male						
1	Violence/assault, all mechanisms	582.8	7.7	22	26.5	482.7
2	Self-inflicted injuries, all mechanisms	213.1	2.8	9	23.7	135.2
3	HIV/AIDS	888.4	11.7	41	21.7	667.7
4	Alcohol use disorders	384.7	5.1	19	20.2	314.5
5	Cirrhosis of the liver	354.5	4.7	20	17.7	356.2
6	Liver cancer	203.7	2.7	14	14.5	235.5
7	Diabetes mellitus	257.3	3.4	19	13.5	283.3
8	Hypertensive heart disease	283.9	3.8	22	12.9	359.8
9	Ischemic heart disease	813.4	10.8	78	10.4	1031.4
10	Cerebrovascular disease	249.8	3.3	25	10.0	325.6
Female						
1	Self-inflicted injuries, all mechanisms	124.6	2.8	5	24.9	119.8
2	HIV/AIDS	138.5	3.1	6	23.1	132.4
3	Breast Cancer	202.2	4.5	14	14.4	195.8
4	Cirrhosis of the liver	226.0	5.0	18	12.6	230.7
5	Lung, bronchus, and trachea cancers	197.0	4.4	19	10.4	193.1
6	Diabetes mellitus	161.6	3.6	17	9.5	159.4
7	Hypertensive heart disease	144.7	3.2	19	7.6	142.3
8	Ischemic heart disease	418.9	9.3	60	7.0	401.0
9	Cerebrovascular disease	322.2	7.1	46	7.0	307.8
10	Lower respiratory infections	113.1	2.5	19	6.0	109.4

[a] $YLL\% = YLL \div$ Total YLL from all causes (Step 1: used to select top 10 causes)
[b] Average $YLL = YLL \div$ Deaths (Step 2: used to subrank top 10 causes)
[c] $ASYR =$ Age-standardized YLL rate per 100,000 persons per year
[d] Rates calculated from less than 20 deaths may be unreliable.

Table A-4: Leading causes of premature death for Whites, San Francisco, 2003–2004

Rank	Underlying cause of death	YLL	YLL $\%^a$	Deaths	Average YLL^b	$ASYR^{c,d}$
Male						
1	Drug overdose, unintentional	1670.9	4.6	74	22.6	393.4
2	HIV/AIDS	3975.1	10.9	198	20.1	810.9
3	Self-inflicted injuries, all mechanisms	2006.4	5.5	102	19.7	500.8
4	Alcohol use disorders	1196.2	3.3	69	17.3	274.2
5	Hypertensive heart disease	1582.9	4.3	143	11.1	434.0
6	Lung, bronchus, and trachea cancers	1913.9	5.3	175	10.9	506.5
7	Ischemic heart disease	5339.0	14.7	607	8.8	1463.4
8	Chronic obstructive pulmonary disease	1041.2	2.9	126	8.3	299.0
9	Lower respiratory infections	1039.2	2.9	137	7.6	282.5
10	Cerebrovascular disease	1156.3	3.2	168	6.9	329.2
Female						
1	Self-inflicted injuries, all mechanisms	676.9	2.8	32	21.2	194.3
2	Breast Cancer	1416.1	5.9	118	12.0	383.8
3	Lung, bronchus, and trachea cancers	1780.1	7.4	177	10.1	472.2
4	Colon and rectum cancers	647.6	2.7	80	8.1	158.5
5	Hypertensive heart disease	994.0	4.1	131	7.6	236.4
6	Chronic obstructive pulmonary disease	1139.6	4.7	152	7.5	270.8
7	Cerebrovascular disease	1556.2	6.5	262	5.9	324.0
8	Ischemic heart disease	3179.5	13.2	547	5.8	674.9
9	Lower respiratory infections	887.7	3.7	159	5.6	185.4
10	Alzheimer and other dementias	914.7	3.8	193	4.7	167.7

[a] $YLL\% = YLL \div$ Total YLL from all causes (Step 1: used to select top 10 causes)

[b] Average $YLL = YLL \div$ Deaths (Step 2: used to subrank top 10 causes)

[c] $ASYR =$ Age-standardized YLL rate per 100,000 persons per year

[d] Rates calculated from less than 20 deaths may be unreliable.