

**Supplementary table 1** - The ischemic heart disease death rates (95% uncertainty interval) attributed to dietary risks, by sex in the NAME region and global from 1990 to 2019.

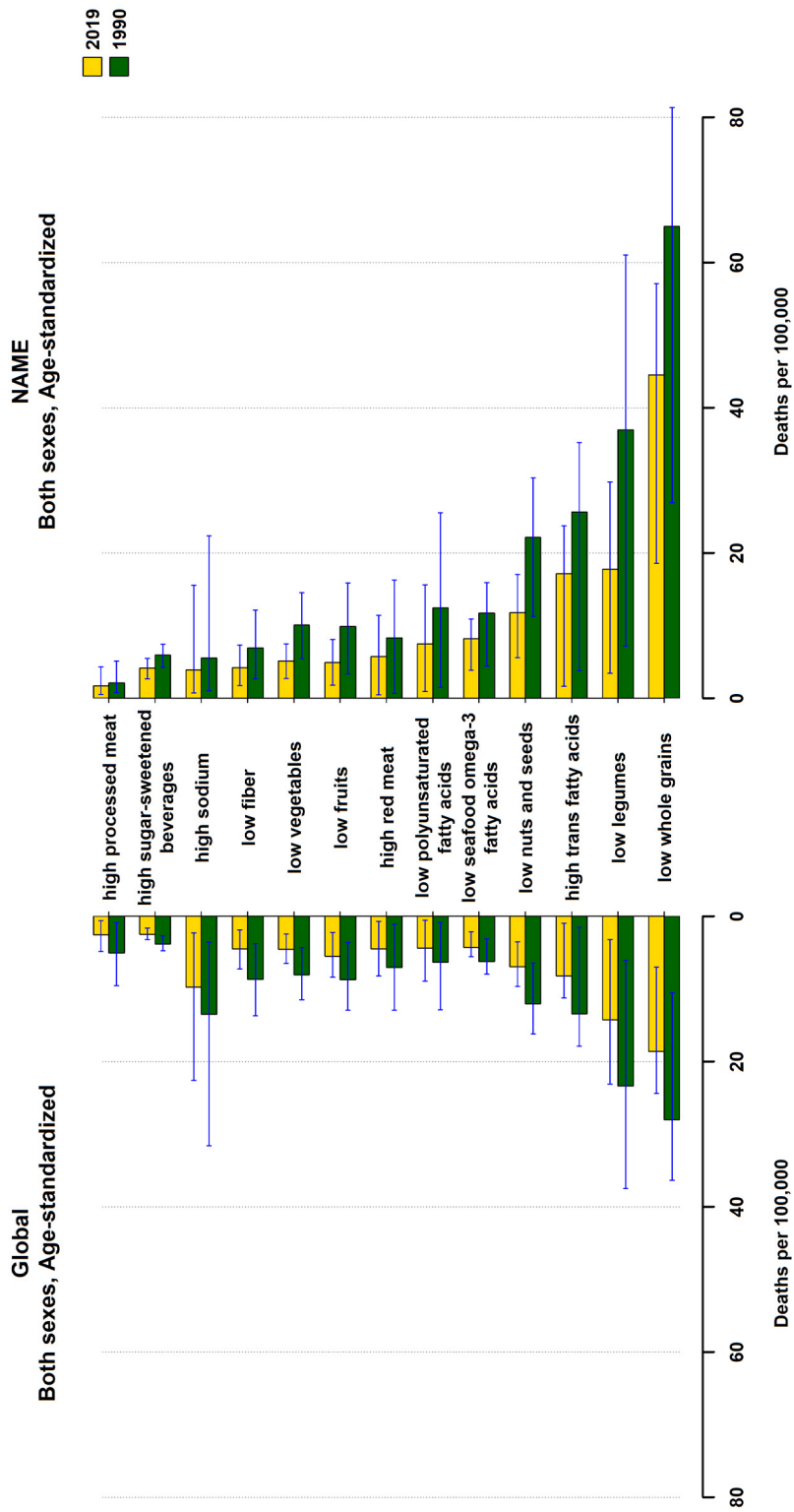
Year	NAME			Global		
	All	Female	Male	All	Female	Male
1990	159.6 (128.4,184.6)	134.8 (108.5,157.0)	183.9 (147.7,213.7)	95.7 (79.7,109.9)	77.1 (63.9,89.4)	117.9 (99.0,135.2)
1991	157.5 (126.7,182.2)	133.3 (107.1,154.5)	181.0 (145.1,210.1)	94.3 (79.0,108.7)	75.9 (62.7,88.3)	116.2 (98.0,133.2)
1992	155.6 (124.9,179.8)	131.7 (106.0,152.4)	178.8 (143.3,206.7)	93.3 (77.8,107.5)	75.0 (61.9,86.9)	115.0 (96.7,131.3)
1993	154.5 (124.4,177.8)	130.8 (105.3,151.3)	177.6 (143.0,205.7)	94.0 (78.4,108.0)	75.5 (62.5,87.2)	115.6 (97.0,132.6)
1994	153.1 (123.3,176.5)	129.5 (104.4,149.9)	175.9 (141.7,204.7)	93.3 (77.8,107.1)	74.8 (61.6,86.7)	114.7 (96.5,131.7)
1995	150.6 (121.2,173.9)	127.4 (102.6,147.7)	173.1 (140.0,201.3)	91.3 (76.2,104.9)	73.0 (60.5,84.7)	112.5 (94.5,129.2)
1996	147.6 (118.6,170.2)	125.5 (101.4,145.6)	169.0 (136.7,196.7)	89.0 (74.2,102.6)	71.2 (58.7,82.6)	109.6 (92.0,126.0)
1997	145.3 (117.6,167.3)	123.5 (99.9,142.5)	166.4 (135.1,193.3)	87.0 (72.5,100.1)	69.6 (57.8,80.6)	107.2 (89.8,123.1)
1998	142.1 (115.1,163.4)	120.6 (97.4,139.9)	163.0 (131.9,189.4)	85.0 (70.9,97.8)	68.0 (56.3,79.1)	104.8 (88.0,120.2)
1999	137.9 (111.6,159.0)	117.2 (94.3,135.4)	158.2 (127.7,183.9)	84.0 (69.8,96.9)	67.3 (55.5,78.1)	103.3 (86.2,118.4)
2000	132.1 (106.7,152.7)	112.9 (91.2,130.8)	150.8 (120.8,174.9)	82.7 (68.4,95.3)	66.0 (54.3,77.0)	101.9 (85.1,117.4)
2001	130.3 (104.8,150.6)	111.1 (89.3,129.0)	149.1 (119.9,173.1)	81.7 (67.9,94.3)	65.0 (53.9,75.7)	100.8 (84.3,115.7)
2002	129.2 (103.8,149.3)	109.0 (87.4,127.1)	149.2 (119.8,173.5)	81.2 (67.4,93.8)	64.6 (53.2,74.9)	100.4 (84.2,116.1)
2003	127.1 (101.6,147.4)	106.3 (85.0,124.2)	147.9 (118.4,171.8)	80.2 (66.4,92.6)	63.6 (52.4,74.0)	99.3 (83.3,113.8)
2004	123.1 (98.3,142.5)	102.7 (81.8,119.7)	143.5 (114.8,167.1)	77.8 (65.0,90.1)	61.5 (50.6,71.8)	96.6 (80.6,111.6)
2005	119.0 (94.8,138.2)	99.9 (79.4,116.9)	138.1 (110.0,161.1)	77.0 (64.0,89.1)	60.6 (49.7,71.2)	95.9 (80.3,110.6)
2006	116.4 (92.5,135.1)	98.6 (78.6,115.5)	133.9 (107.0,156.6)	74.9 (62.2,86.8)	58.9 (48.1,68.9)	93.3 (78.4,107.7)
2007	114.0 (90.8,132.4)	97.2 (77.5,113.9)	130.5 (104.4,152.5)	73.3 (60.8,84.9)	57.4 (46.9,67.2)	91.7 (77.0,106.4)
2008	112.6 (89.6,130.9)	96.8 (76.9,113.6)	128.1 (102.4,149.5)	72.5 (59.9,84.0)	56.5 (46.1,65.9)	91.1 (75.6,105.5)
2009	111.1 (88.1,129.1)	96.1 (76.3,112.5)	125.7 (100.2,146.8)	70.9 (58.5,82.4)	55.0 (44.8,64.6)	89.3 (75.1,103.5)
2010	109.1 (85.9,126.8)	95.0 (75.2,111.4)	122.6 (96.9,143.3)	70.2 (57.9,81.9)	54.3 (44.3,63.8)	88.6 (73.4,102.8)
2011	106.8 (84.2,124.2)	93.0 (73.7,109.4)	120.1 (94.6,140.1)	69.1 (57.1,80.6)	53.3 (43.7,62.8)	87.3 (72.7,101.4)
2012	105.8 (83.4,123.2)	92.5 (73.3,108.7)	118.4 (93.1,138.9)	67.9 (55.8,79.3)	52.3 (42.4,61.7)	86.0 (71.3,99.6)
2013	105.2 (82.5,122.9)	91.4 (72.2,107.1)	118.5 (93.2,139.1)	66.9 (54.8,77.8)	51.5 (41.8,60.7)	84.9 (70.4,98.8)
2014	104.3 (82.3,121.6)	90.8 (71.8,106.6)	117.2 (92.4,138.1)	65.6 (54.0,76.4)	50.6 (41.3,59.9)	83.2 (69.1,96.5)
2015	104.8 (82.5,122.3)	91.0 (72.2,107.2)	118.0 (93.0,138.3)	65.2 (53.4,76.1)	50.4 (40.8,59.3)	82.5 (68.0,96.1)
2016	104.2 (82.3,122.0)	90.5 (71.7,107.5)	117.3 (92.7,138.4)	64.3 (52.7,75.2)	49.6 (40.1,58.6)	81.2 (67.1,94.6)
2017	103.3 (81.6,121.6)	89.5 (71.1,106.5)	116.4 (91.4,137.2)	63.3 (51.6,74.1)	48.9 (39.8,58.0)	80.0 (65.4,93.4)
2018	102.5 (81.4,121.8)	88.7 (70.1,105.8)	115.7 (91.3,137.6)	62.9 (51.7,73.9)	48.7 (39.3,57.9)	79.4 (65.6,93.1)
2019	102.1 (81.0,121.1)	87.9 (69.3,105.3)	115.5 (91.7,136.9)	62.4 (51.0,73.6)	48.3 (39.0,57.9)	78.7 (64.1,92.1)

All numbers are age-standardized rates per 100,000 people. NAME=North Africa and Middle East.

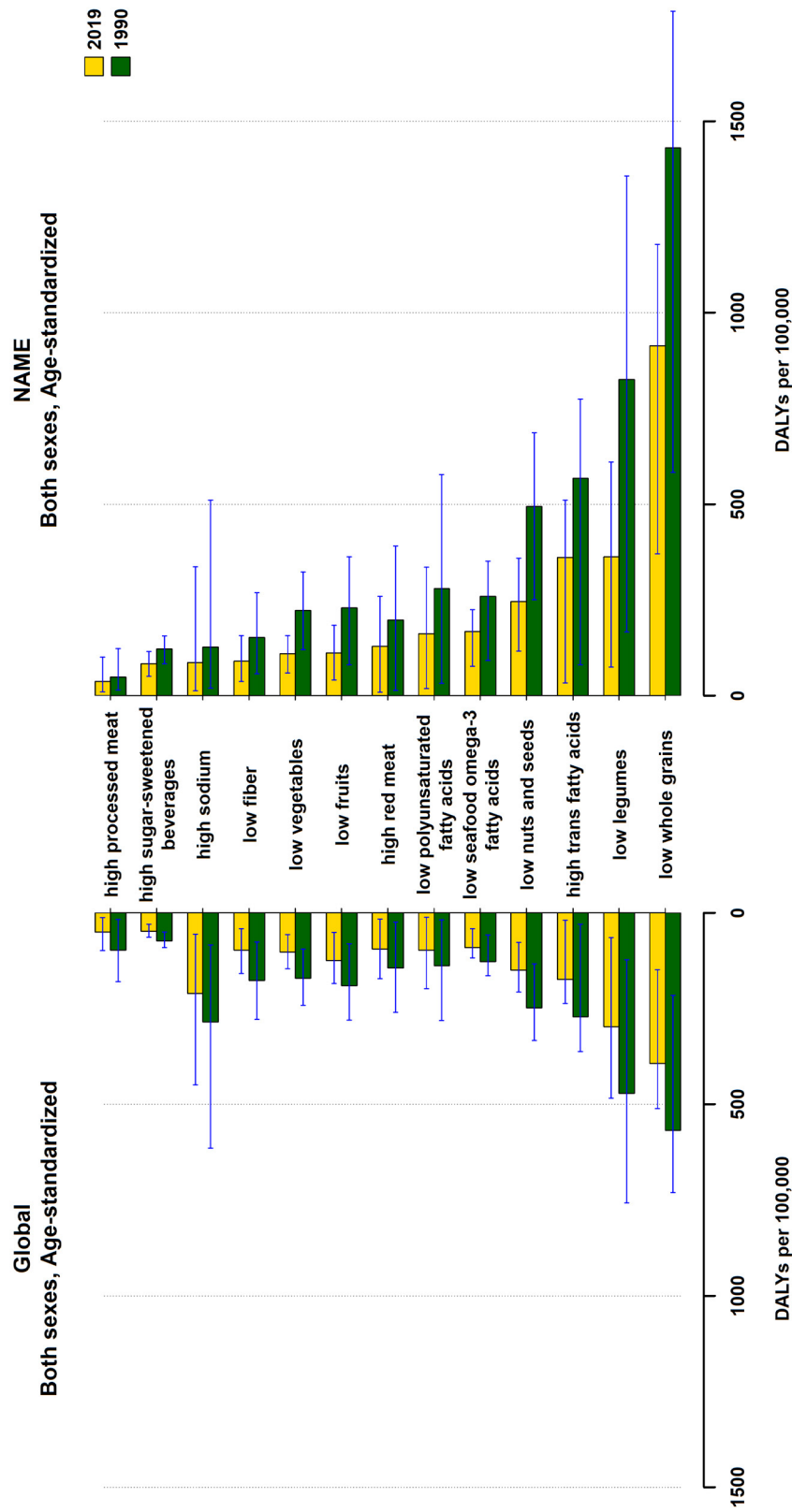
**Supplementary Table 2** - The ischemic heart disease disability-adjusted life years rates (95% uncertainty interval) attributed to dietary risks, by sex in the NAME region and global from 1990 to 2019.

Year	NAME			Global		
	All	Female	Male	All	Female	Male
1990	3422.4 (2797.8,3939.6)	2687.1 (2177.5,3113.8)	4127.2 (3354.3,4773.3)	1876.7 (1583.3,2127.1)	1356.6 (1131.5,1551.8)	2445.1 (2062.9,2767.4)
1991	3377.0 (2756.3,3881.2)	2652.7 (2157.0,3061.4)	4070.1 (3297.2,4702.9)	1853.8 (1573.8,2112.4)	1337.2 (1116.4,1531.0)	2416.4 (2048.9,2742.9)
1992	3331.9 (2698.8,3842.5)	2618.8 (2125.2,3021.0)	4013.5 (3247.2,4630.0)	1843.2 (1556.8,2092.5)	1328.8 (1101.4,1524.6)	2401.6 (2026.1,2718.6)
1993	3305.7 (2687.8,3793.1)	2597.3 (2099.8,2982.9)	3982.5 (3232.0,4600.2)	1862.9 (1576.1,2120.2)	1337.8 (1122.3,1530.2)	2429.4 (2057.2,2754.5)
1994	3268.6 (2653.1,3766.8)	2566.8 (2069.5,2961.7)	3939.3 (3189.7,4554.6)	1858.8 (1567.1,2108.8)	1330.4 (1111.7,1521.4)	2426.7 (2047.7,2736.3)
1995	3206.2 (2602.8,3687.1)	2516.3 (2024.6,2900.3)	3865.6 (3160.7,4479.2)	1820.2 (1540.1,2062.3)	1301.0 (1087.2,1488.3)	2378.4 (2026.4,2692.9)
1996	3138.0 (2551.8,3612.6)	2478.8 (2002.0,2859.7)	3767.8 (3071.9,4355.3)	1774.4 (1499.1,2019.9)	1271.0 (1059.5,1458.7)	2315.7 (1971.9,2617.3)
1997	3079.3 (2509.9,3543.4)	2436.5 (1977.7,2813.6)	3694.0 (3015.2,4269.7)	1737.1 (1460.3,1975.1)	1246.2 (1042.9,1425.9)	2265.1 (1909.4,2567.4)
1998	2995.5 (2434.4,3449.4)	2373.2 (1931.9,2730.6)	3591.5 (2921.3,4159.0)	1696.1 (1436.6,1926.2)	1217.1 (1018.3,1401.8)	2211.4 (1875.3,2505.1)
1999	2909.1 (2354.2,3347.6)	2304.7 (1871.2,2659.1)	3487.9 (2826.6,4036.5)	1680.1 (1415.9,1912.4)	1204.4 (1003.1,1381.3)	2189.7 (1847.0,2482.0)
2000	2792.3 (2259.2,3218.3)	2213.9 (1795.3,2550.7)	3344.9 (2726.5,3875.4)	1661.6 (1400.0,1893.1)	1184.1 (990.6,1362.7)	2172.1 (1833.7,2459.3)
2001	2749.9 (2228.7,3165.7)	2178.4 (1761.3,2506.5)	3296.4 (2672.0,3825.9)	1643.5 (1386.6,1869.5)	1169.8 (978.5,1341.4)	2150.2 (1820.3,2431.4)
2002	2707.6 (2187.7,3118.1)	2132.8 (1725.6,2455.5)	3259.5 (2630.5,3780.8)	1636.4 (1380.8,1863.9)	1162.4 (977.3,1334.8)	2143.6 (1809.8,2433.6)
2003	2649.5 (2136.9,3051.3)	2076.1 (1671.3,2392.6)	3201.7 (2584.9,3711.0)	1616.7 (1368.9,1836.1)	1144.2 (954.9,1319.4)	2122.4 (1804.7,2404.3)
2004	2566.7 (2060.8,2969.4)	2008.4 (1615.4,2320.3)	3105.1 (2494.1,3614.8)	1572.5 (1319.9,1795.8)	1109.8 (926.5,1279.8)	2067.8 (1739.7,2363.5)
2005	2486.4 (1999.0,2884.3)	1952.4 (1570.8,2265.1)	3000.8 (2411.4,3504.2)	1558.7 (1309.3,1782.7)	1094.2 (909.1,1261.5)	2056.0 (1741.7,2341.7)
2006	2426.8 (1957.3,2822.5)	1912.5 (1539.9,2220.5)	2920.9 (2351.1,3413.0)	1516.8 (1269.5,1734.5)	1062.7 (881.8,1229.6)	2002.8 (1688.2,2293.2)
2007	2361.8 (1898.3,2751.6)	1865.7 (1503.4,2169.7)	2837.6 (2273.9,3309.5)	1488.7 (1250.5,1704.5)	1037.2 (857.8,1197.5)	1971.9 (1664.5,2247.7)
2008	2318.6 (1862.0,2697.7)	1839.2 (1477.8,2137.3)	2776.9 (2222.9,3242.2)	1474.2 (1233.3,1689.5)	1019.8 (847.0,1174.2)	1960.7 (1647.6,2242.0)
2009	2279.2 (1826.7,2648.9)	1814.0 (1451.4,2105.4)	2722.7 (2181.2,3179.1)	1441.5 (1206.6,1646.4)	994.9 (820.6,1149.5)	1920.3 (1614.8,2194.4)
2010	2229.8 (1783.6,2590.3)	1785.8 (1432.9,2079.3)	2652.1 (2120.4,3106.4)	1428.2 (1193.9,1634.5)	983.3 (815.6,1136.8)	1905.6 (1599.7,2188.3)
2011	2178.5 (1740.9,2538.1)	1739.9 (1390.5,2034.8)	2594.7 (2066.5,3054.1)	1407.0 (1177.1,1614.9)	967.3 (799.8,1123.7)	1878.8 (1573.5,2160.6)
2012	2151.3 (1711.9,2500.2)	1728.4 (1378.6,2016.7)	2551.6 (2027.2,3008.3)	1385.5 (1162.5,1595.6)	950.9 (778.8,1106.9)	1852.3 (1560.0,2128.1)
2013	2123.5 (1688.4,2473.6)	1694.7 (1354.8,1981.1)	2529.3 (1997.9,2986.9)	1361.3 (1139.5,1564.6)	935.8 (771.7,1080.7)	1819.6 (1529.8,2094.0)
2014	2104.5 (1671.6,2455.0)	1684.7 (1345.4,1976.6)	2500.9 (1980.9,2952.5)	1333.1 (1114.1,1529.1)	921.5 (760.3,1072.6)	1776.8 (1492.7,2035.1)
2015	2115.0 (1688.5,2477.1)	1692.1 (1350.3,1986.5)	2514.0 (2001.0,2958.4)	1329.0 (1108.6,1526.8)	920.3 (757.5,1069.0)	1769.1 (1473.9,2023.9)
2016	2099.3 (1671.7,2473.1)	1679.0 (1326.6,1985.1)	2495.1 (1992.7,2973.4)	1311.5 (1091.6,1510.6)	908.3 (739.7,1054.3)	1745.2 (1460.5,2005.9)
2017	2082.4 (1646.1,2482.8)	1661.4 (1306.4,1989.0)	2478.2 (1954.3,2973.7)	1291.9 (1071.5,1491.8)	895.0 (740.9,1044.7)	1718.5 (1417.4,1983.7)
2018	2070.8 (1630.7,2484.2)	1647.7 (1297.9,1974.4)	2468.0 (1950.4,2982.8)	1281.8 (1064.5,1488.4)	889.7 (731.2,1048.6)	1703.2 (1432.5,1971.7)
2019	2060.6 (1630.7,2471.2)	1633.8 (1272.8,1961.7)	2460.7 (1945.1,2961.3)	1271.3 (1061.3,1473.8)	883.4 (725.8,1045.3)	1688.0 (1396.9,1962.7)

All numbers are age-standardized rates per 100,000 people. NAME=North Africa and Middle East.



Supplementary Figure 1 - The ischemic heart disease death rates attributed to dietary risks by dietary components in the NAME region and global in 1990 and 2019.



Supplementary Figure 2 - The ischemic heart disease disability-adjusted life years rates attributed to dietary risks by dietary components in the NAME region and global in 1990 and 2019.

**Supplementary Table 3 - The ischemic heart disease death rates (95% uncertainty interval) attributed to dietary risks, by the NAME countries in 2019.**

Country (Region)	Diet Portion	Dietary risk	high sodium	high trans fatty acids	polyunsaturated fatty acids	low seafood omega 3 fatty acids	low fiber	high sugar sweetened beverages	high processed meat	high red meat	low nuts and seeds	low whole grains	low legumes	low vegetables	low fruits
(Global)	52.94%	62.4 (51.0,73.6)	9.8 (2.3,22.6)	8.2 (1.0,11.3)	4.4 (0.6,9.0)	4.3 (2.1,5.6)	4.5 (1.9,7.3)	2.5 (1.7,3.2)	2.5 (0.6,4.9)	4.5 (0.7,8.3)	7.0 (3.6,9.7)	18.6 (7.0,24.4)	14.3 (3.3,23.1)	4.5 (2.5,6.5)	5.5 (2.3,8.4)
(NAME)	46.61%	102.1 (81.0,121.1)	3.9 (0.7,15.5)	17.2 (1.6,23.8)	7.5 (0.9,15.6)	8.2 (3.8,10.9)	4.2 (1.7,7.3)	4.2 (2.7,5.5)	1.7 (0.5,4.3)	5.7 (0.5,11.4)	11.7 (5.6,17.0)	44.5 (18.6,57.1)	17.8 (3.4,29.8)	5.1 (2.7,7.5)	4.9 (1.8,8.1)
Afghanistan	60.81%	195.2 (149.4,239.5)	5.7 (0.8,22.4)	22.5 (2.2,33.4)	17.5 (2.3,36.6)	12.8 (4.3,19.1)	25.2 (10.5,42.2)	9.1 (6.3,12.4)	2.1 (0.8,4.8)	9.8 (0.7,20.6)	26.7 (11.7,39.6)	74.5 (32.3,99.1)	53.8 (17.0,90.8)	31.2 (18.6,43.7)	20.4 (8.0,32.0)
Yemen	59.54%	175.5 (138.5,227.8)	5.2 (0.8,21.6)	20.0 (2.2,30.2)	15.7 (2.2,32.7)	12.8 (4.9,18.7)	19.6 (7.7,33.9)	10.9 (8.0,14.8)	1.8 (0.7,4.2)	5.9 (0.6,12.6)	30.8 (18.8,44.4)	67.2 (29.1,93.4)	41.3 (10.0,72.6)	23.6 (13.7,34.8)	18.4 (7.1,28.9)
Sudan	54.86%	148.9 (110.4,188.5)	5.3 (0.7,21.2)	18.3 (1.8,27.4)	11.6 (1.3,24.8)	11.2 (4.5,16.4)	12.8 (4.5,23.2)	5.9 (3.8,8.5)	1.8 (0.6,4.5)	6.6 (0.6,14.2)	23.6 (10.0,35.8)	59.4 (25.7,81.3)	35.9 (7.2,66.2)	14.4 (6.2,23.1)	11.8 (4.0,20.4)
Palestine	52.34%	108.4 (84.5,129.9)	3.6 (0.5,14.4)	13.7 (1.5,19.3)	8.2 (0.9,17.7)	8.1 (3.0,11.4)	15.7 (6.8,24.4)	7.5 (5.6,9.6)	1.2 (0.5,2.7)	3.8 (0.5,7.6)	9.9 (3.5,15.6)	44.2 (18.8,57.1)	28.9 (7.3,48.7)	8.1 (3.6,12.3)	8.0 (2.7,13.0)
Iraq	51.93%	132.6 (101.8,162.5)	4.9 (0.7,19.9)	17.1 (1.7,24.2)	7.7 (1.0,16.6)	10.1 (4.0,14.3)	9.3 (3.3,17.4)	6.9 (4.9,9.2)	1.7 (0.6,4.0)	3.5 (0.6,6.8)	30.0 (19.2,40.7)	50.3 (18.4,66.5)	30.1 (4.3,53.1)	4.7 (1.2,8.3)	11.2 (3.7,18.1)
Saudi Arabia	50.12%	103.0 (78.2,128.1)	4.1 (0.5,16.5)	10.3 (1.2,15.2)	8.3 (0.8,17.8)	7.4 (4.6,9.9)	2.7 (0.9,5.5)	5.6 (1.2,9.4)	1.6 (0.4,4.3)	5.2 (0.4,10.6)	14.7 (6.4,22.1)	36.8 (12.3,50.2)	27.9 (5.6,47.8)	8.5 (3.0,13.6)	7.3 (2.3,12.5)
Libya	50.10%	85.8 (62.8,115.7)	3.3 (0.4,13.2)	11.6 (1.2,17.6)	2.4 (0.6,5.2)	6.5 (2.7,9.7)	5.4 (1.8,10.5)	3.4 (1.9,5.1)	1.2 (0.4,3.2)	4.8 (0.4,10.4)	8.9 (3.3,14.5)	36.3 (14.4,50.9)	23.9 (5.9,42.6)	6.0 (1.9,10.0)	4.9 (1.3,8.9)
Iran	49.33%	80.7 (62.8,94.9)	2.9 (0.6,11.4)	17.5 (1.1,23.6)	2.9 (0.5,6.5)	6.3 (3.4,8.1)	2.8 (1.0,5.2)	3.9 (2.6,5.1)	1.2 (0.4,2.8)	3.9 (0.4,7.7)	5.4 (2.4,8.1)	36.1 (16.1,45.1)	20.7 (4.0,34.7)	2.3 (0.7,3.8)	1.7 (0.6,3.0)
Algeria	49.32%	117.0 (89.8,147.7)	3.8 (0.6,15.2)	12.7 (1.7,19.4)	6.4 (0.8,14.2)	8.5 (2.8,12.2)	4.1 (1.3,8.1)	4.0 (2.0,6.3)	1.7 (0.5,4.4)	5.8 (0.5,12.0)	21.5 (10.8,30.7)	48.2 (19.7,64.6)	25.6 (3.4,45.2)	8.9 (3.1,14.7)	6.4 (2.0,11.3)
Jordan	48.79%	59.5 (45.6,74.1)	2.2 (0.3,8.9)	8.1 (0.8,11.5)	2.4 (0.4,5.4)	4.4 (2.6,5.9)	4.7 (1.5,8.6)	2.0 (1.0,3.0)	0.9 (0.3,2.3)	3.2 (0.3,6.8)	2.9 (0.9,5.4)	14.6 (12.2,35.7)	14.6 (2.3,25.1)	4.3 (1.5,7.0)	4.8 (1.5,7.8)
Oman	48.63%	160.4 (125.2,191.2)	5.5 (0.9,22.9)	21.2 (2.2,29.6)	14.8 (1.8,30.5)	11.5 (7.3,14.5)	5.2 (1.7,10.4)	8.4 (5.5,11.3)	2.2 (0.8,5.5)	12.0 (0.8,24.9)	28.0 (13.4,39.6)	53.3 (18.1,70.2)	40.5 (7.8,69.0)	9.6 (2.8,15.5)	3.8 (1.1,7.0)
Syrian Arab Republic	48.33%	173.9 (125.6,227.1)	6.3 (0.9,25.9)	23.8 (2.5,35.4)	13.7 (1.5,29.8)	13.8 (4.6,20.5)	13.0 (4.5,24.4)	5.7 (3.1,8.7)	2.5 (0.7,6.3)	9.6 (0.8,20.3)	3.8 (1.0,9.0)	77.2 (32.4,105.9)	43.2 (6.2,75.4)	16.2 (6.4,26.4)	9.9 (2.5,17.6)
Kuwait	47.75%	51.8 (38.6,66.1)	4.3 (0.2,14.9)	7.4 (0.7,10.5)	1.5 (0.3,3.7)	3.6 (2.4,4.8)	3.2 (1.1,6.0)	2.4 (1.0,3.8)	0.9 (0.2,2.4)	4.8 (0.3,10.0)	4.5 (1.7,7.2)	19.4 (6.5,26.8)	14.4 (2.8,24.7)	0.9 (0.3,1.8)	3.6 (1.1,6.3)
Morocco	44.39%	91.5 (51.5,152.4)	5.2 (0.7,21.8)	18.5 (2.0,26.7)	7.1 (0.8,16.4)	10.1 (4.9,13.8)	0.8 (0.5,1.2)	3.6 (2.0,5.2)	1.8 (0.6,4.6)	7.9 (0.6,16.4)	18.7 (8.1,28.0)	62.0 (26.8,80.8)	9.0 (1.0,18.1)	6.3 (1.6,10.5)	4.0 (1.1,7.5)
Lebanon	43.37%	104.6 (72.3,130.5)	4.5 (0.6,18.1)	15.9 (0.9,22.2)	2.9 (0.7,7.0)	8.0 (4.4,10.5)	2.4 (0.8,5.0)	4.6 (2.4,6.7)	1.7 (0.5,4.4)	8.5 (0.6,17.7)	1.5 (0.7,2.8)	54.0 (23.6,69.6)	24.5 (3.0,42.0)	0.8 (0.5,1.5)	2.2 (0.6,4.4)
Bahrain	43.35%	67.2 (49.7,85.1)	2.6 (0.4,11.0)	10.0 (1.1,14.3)	3.7 (0.4,8.6)	5.4 (3.4,7.2)	1.1 (0.4,2.3)	2.9 (1.3,4.6)	1.2 (0.3,3.1)	4.6 (0.3,9.6)	5.1 (2.2,8.3)	29.1 (10.6,39.4)	15.3 (1.9,27.0)	2.2 (0.6,4.1)	1.9 (0.6,3.7)
Tunisia	42.64%	82.5 (55.9,110.1)	3.3 (0.5,13.7)	7.7 (1.0,12.6)	4.7 (0.6,11.3)	6.7 (2.9,10.1)	1.6 (0.6,3.5)	3.0 (1.1,5.2)	1.5 (0.4,4.0)	4.8 (0.4,10.3)	3.8 (1.2,7.1)	39.2 (15.5,54.7)	20.5 (2.6,37.4)	2.7 (0.7,4.9)	4.0 (1.0,7.8)
Egypt	41.96%	150.8 (105.2,198.1)	6.7 (0.9,27.0)	43.6 (2.5,66.4)	15.3 (1.5,32.8)	13.0 (7.0,18.3)	1.3 (0.8,2.4)	4.6 (2.1,7.3)	3.3 (0.7,9.8)	10.4 (0.8,21.7)	17.6 (6.2,29.4)	55.8 (18.8,81.1)	12.0 (1.5,23.0)	0.9 (0.6,1.4)	4.8 (1.3,9.9)
Qatar	39.28%	99.3 (71.9,127.8)	4.3 (0.6,16.9)	15.9 (1.8,22.9)	3.6 (0.6,8.8)	8.2 (4.8,11.6)	0.8 (0.5,1.5)	6.0 (2.0,9.9)	2.0 (0.6,5.3)	8.1 (0.6,17.5)	7.4 (3.5,12.7)	44.4 (15.4,60.4)	18.1 (1.8,32.8)	0.9 (0.5,1.8)	1.5 (0.6,3.2)
United Arab Emirates	39.03%	68.4 (47.6,92.3)	3.6 (0.4,14.6)	11.6 (1.4,17.8)	4.2 (0.5,10.1)	5.9 (3.4,8.2)	3.0 (0.9,6.0)	3.1 (0.8,5.3)	1.7 (0.3,4.8)	6.2 (0.4,14.1)	1.3 (0.5,2.6)	32.6 (10.7,46.5)	3.5 (0.5,6.7)	5.9 (1.8,10.1)	3.3 (0.9,6.2)
Turkey	36.44%	30.0 (5.7,2)	0.3 (0.3,6.7)	0.7 (0.7,6)	0.4 (0.1,1)	2.1 (1.5,9)	0.3 (0.1,2)	0.6 (0.3,3)	0.2 (0.2,2.4)	0.3 (0.3,6.7)	0.4 (0.2,4)	11.5 (3.5,35.7)	0.3 (0.3,3.2)	0.4 (0.2,0.4)	0.7 (0.3,1.5)

All numbers are age-standardized rates per 100,000 people. NAME=North Africa and Middle East.

**Supplementary Table 4 - The ischemic heart disease disability-adjusted life years rates (95% uncertainty interval) attributed to dietary risks, by the NAME countries in 2019.**

Country (Region)	Diet Portion	high sodium fatty acids	high trans fatty acids	low polyunsaturated fatty acids	low seafood omega 3 fatty acids	low fiber	high sugar sweetened beverages	high processed meat	high red meat	low nuts and seeds	low whole grains	low legumes	low vegetables	low fruits
(Global)	1271.3 56.67% (1061.3,1473.8)	210.4 (56.5,449.3)	173.9 (19.4,237.3)	97.6 (11.9,198.0)	90.6 (41.5,118.4)	97.4 (41.4,158.9)	48.9 (30.5,64.1)	50.8 (12.2,98.3)	94.6 (16.3,172.3)	150.0 (77.7,206.7)	393.6 (148.9,511.2)	297.5 (64.5,483.8)	102.1 (56.8,145.7)	124.6 (51.6,184.5)
(NAME)	2060.6 49.55% (1630.7,2471.2)	85.7 (12.8,336.2)	360.9 (33.1,510.6)	161.0 (18.7,335.5)	167.1 (76.5,224.2)	90.3 (36.5,156.3)	83.6 (50.7,115.0)	36.8 (9.4,100.7)	128.3 (9.2,259.3)	245.3 (115.7,358.1)	912.8 (369.7,1177.8)	362.3 (74.5,609.6)	109.5 (58.9,156.6)	111.7 (40.3,183.9)
Afghanistan	4430.5 64.34% (3317.1,5602.5)	136.4 (16.4,537.0)	529.6 (49.7,804.6)	422.4 (53.7,901.4)	305.0 (97.3,465.2)	606.1 (250.7,1029.9)	187.6 (126.8,262.5)	50.9 (15.4,125.6)	246.7 (14.7,526.3)	616.4 (255.7,939.3)	1749.2 (737.3,2378.8)	1286.3 (393.3,2198.0)	751.5 (454.5,1089.7)	496.7 (197.8,783.4)
Yemen	3683.2 62.84% (2808.6,4897.7)	119.4 (14.5,479.7)	434.4 (46.1,670.9)	349.5 (47.9,737.0)	270.4 (92.9,409.7)	425.4 (161.9,752.4)	210.3 (148.5,293.3)	40.8 (14.1,100.6)	140.7 (12.0,302.6)	676.8 (393.5,993.7)	1456.7 (622.6,2067.0)	908.8 (203.9,1604.4)	522.6 (296.6,777.6)	411.7 (157.4,647.3)
Sudan	3065.5 57.94% (2235.2,4005.5)	117.6 (13.0,454.7)	388.7 (34.8,604.3)	251.4 (26.6,551.3)	234.3 (86.8,356.6)	269.6 (93.0,503.6)	112.6 (68.7,167.7)	40.3 (11.1,109.0)	150.6 (10.6,336.9)	502.2 (204.6,787.3)	1260.5 (523.9,1766.4)	769.4 (152.1,1448.1)	306.3 (124.5,498.2)	261.4 (84.7,458.2)
Iraq	2618.5 54.82% (1905.2,3283.0)	105.7 (12.0,409.5)	344.8 (32.4,501.1)	154.9 (19.1,342.9)	202.8 (79.3,294.4)	187.0 (62.1,356.9)	128.3 (86.8,173.8)	35.8 (10.6,91.2)	75.3 (10.1,151.2)	616.9 (388.9,854.3)	1022.1 (372.4,1392.0)	613.2 (84.9,1098.2)	79.7 (18.0,146.4)	240.1 (80.0,394.2)
Palestine	2063.9 54.47% (1602.5,2489.4)	77.1 (9.5,305.3)	270.7 (28.8,381.7)	161.0 (15.9,350.9)	158.4 (55.9,224.0)	311.2 (131.3,488.1)	135.8 (100.7,173.4)	25.3 (9.1,58.5)	81.4 (8.4,161.4)	167.8 (55.7,275.2)	874.0 (362.7,1130.8)	577.3 (145.6,967.9)	136.7 (47.9,220.5)	163.6 (53.5,268.9)
Saudi Arabia	2266.3 53.68% (1706.1,2847.4)	95.7 (10.3,378.2)	228.1 (25.5,343.0)	191.5 (17.6,413.4)	160.6 (96.3,215.6)	60.9 (18.8,122.7)	138.8 (27.1,237.1)	38.1 (8.4,107.2)	125.2 (9.1,261.8)	330.4 (139.2,506.3)	837.7 (283.9,1155.3)	630.5 (120.3,1096.1)	193.2 (67.0,309.7)	172.8 (51.3,289.8)
Libya	1818.0 53.01% (1331.8,2494.5)	75.6 (8.7,296.6)	252.5 (26.2,387.0)	50.4 (11.3,110.5)	141.7 (59.7,210.2)	115.0 (37.9,224.5)	70.3 (38.3,106.7)	28.8 (7.0,78.7)	112.2 (7.2,247.0)	189.7 (68.6,316.4)	795.0 (311.6,1134.3)	530.7 (129.5,935.0)	127.1 (38.3,215.7)	111.9 (29.8,204.4)
Algeria	1967.3 52.28% (1488.4,2531.5)	71.8 (9.2,287.4)	218.5 (27.9,342.7)	110.2 (12.6,250.8)	148.8 (48.2,221.8)	62.8 (20.5,122.6)	68.1 (32.7,105.6)	30.7 (7.6,85.2)	109.8 (7.7,235.8)	373.9 (186.6,549.6)	840.9 (338.6,1144.2)	443.8 (55.6,802.1)	148.3 (48.9,249.0)	106.5 (31.3,192.8)
Jordan	1174.5 51.86% (895.0,1463.0)	48.9 (5.8,193.3)	163.9 (16.4,233.6)	46.0 (6.8,106.5)	86.5 (50.0,115.7)	95.4 (31.1,174.3)	39.8 (18.2,61.0)	18.8 (4.7,51.2)	70.6 (4.8,148.1)	53.7 (16.6,102.0)	551.9 (241.9,725.0)	299.7 (46.0,519.8)	86.7 (26.7,141.9)	102.9 (30.7,167.6)
Iran	1469.8 51.70% (1154.6,1713.0)	60.0 (9.3,231.0)	333.9 (20.3,444.7)	54.2 (8.8,122.6)	114.4 (57.9,145.7)	47.0 (17.2,86.5)	70.4 (45.4,93.6)	23.6 (7.1,60.8)	79.3 (6.3,155.7)	82.4 (35.4,128.5)	679.8 (294.8,841.6)	394.0 (76.1,658.1)	32.0 (10.2,55.3)	33.6 (11.2,57.8)
Kuwait	1155.5 51.31% (858.9,1475.3)	101.5 (5.0,328.2)	168.2 (16.2,238.1)	34.0 (5.9,85.4)	77.4 (50.5,104.5)	75.0 (23.5,137.1)	57.6 (21.5,94.0)	21.6 (4.6,60.6)	116.7 (7.6,245.5)	99.6 (35.5,163.4)	449.2 (154.0,620.2)	333.8 (62.6,575.2)	16.6 (5.1,35.3)	90.5 (27.0,155.4)
Syrian Arab Republic	3324.1 51.28% (2344.1,4425.3)	132.2 (15.7,524.9)	466.8 (46.7,711.1)	270.2 (26.6,597.3)	269.7 (87.2,409.6)	246.2 (83.2,483.2)	106.3 (51.4,166.8)	52.0 (12.8,141.2)	205.2 (13.7,442.0)	58.2 (15.5,150.1)	1518.7 (618.3,2118.0)	854.3 (120.5,1508.9)	320.5 (121.1,525.9)	209.0 (54.5,368.7)

Country (Region)	Diet Portion	Dietary risk	high sodium fatty acids	high trans fatty acids	low polyunsaturated fatty acids	low seafood omega 3 fatty acids	low fiber	high sugar sweetened beverages	high processed meat	high red meat	low nuts and seeds	low whole grains	low legumes	low vegetables	low fruits
Oman	50.79% (2146.8,3325.4)	2751.8	105.2 (13.6,435.6)	369.0 (38.0,519.7)	264.2 (30.3,538.1)	195.0 (123.7,245.5)	83.1 (28.1,164.9)	139.3 (93.6,187.4)	40.6 (12.6,101.6)	223.5 (13.5,466.2)	481.5 (217.7,695.0)	939.0 (321.4,1243.8)	716.6 (137.4,1223.9)	165.0 (46.9,268.1)	65.8 (20.5,120.1)
Morocco	46.38% (1738.8,3005.1)	2380.9	109.3 (12.9,436.1)	368.0 (40.1,542.2)	143.5 (15.3,330.0)	199.3 (93.1,274.5)	13.9 (10.0,20.4)	63.8 (33.7,95.1)	39.3 (10.3,105.5)	169.4 (11.2,361.9)	370.5 (161.5,556.2)	1233.4 (517.7,1658.4)	135.7 (18.4,279.3)	112.5 (24.3,193.2)	76.6 (20.0,147.6)
Lebanon	46.21% (1442.4,2598.8)	2075.7	98.3 (10.9,386.8)	320.2 (16.7,451.0)	58.5 (12.3,139.4)	161.9 (87.6,216.5)	45.3 (15.2,93.9)	88.9 (46.4,134.0)	37.3 (9.4,102.9)	186.5 (10.6,390.9)	20.9 (10.9,40.0)	1092.3 (466.8,1433.8)	499.3 (58.4,861.6)	12.4 (8.3,19.5)	50.9 (14.0,102.4)
Bahrain	45.91% (862.7,1500.1)	1171.2	52.3 (6.2,211.9)	177.1 (18.3,254.0)	67.1 (7.2,153.6)	93.5 (58.7,128.0)	18.9 (7.3,39.1)	53.3 (21.8,84.4)	21.6 (5.3,60.7)	88.2 (5.7,186.1)	85.4 (36.2,141.9)	521.6 (187.8,704.4)	272.4 (33.0,483.1)	34.4 (9.5,66.2)	36.5 (10.6,68.4)
Tunisia	45.31% (1025.6,2063.7)	1520.7	68.3 (7.8,276.1)	144.1 (17.0,236.8)	91.9 (10.2,224.2)	127.3 (52.5,196.0)	26.3 (9.9,55.7)	60.1 (19.8,107.7)	29.2 (6.5,83.6)	96.7 (7.0,209.6)	63.5 (21.3,122.5)	743.5 (290.2,1066.1)	384.6 (44.8,708.9)	39.1 (10.7,75.3)	78.9 (19.7,149.6)
Egypt	44.13% (2117.8,4143.8)	3083.8	147.9 (16.8,587.6)	925.2 (49.3,1415.2)	327.9 (31.8,713.7)	269.7 (141.0,387.8)	24.3 (14.6,43.7)	93.9 (37.0,158.4)	76.1 (12.9,230.5)	236.4 (15.1,513.5)	365.3 (122.0,618.8)	1190.9 (400.2,1759.4)	179.4 (23.4,368.6)	15.4 (11.7,20.8)	105.1 (27.7,206.2)
United Arab Emirates	41.41% (961.3,1891.0)	1395.6	80.4 (7.7,311.7)	242.0 (25.8,376.6)	89.8 (10.6,217.8)	120.9 (71.0,170.9)	58.3 (18.4,120.5)	68.4 (15.7,119.6)	37.0 (6.1,111.0)	137.9 (7.4,311.7)	17.8 (8.1,37.9)	690.3 (226.9,982.0)	40.0 (9.0,82.7)	124.9 (36.4,220.6)	74.1 (19.6,142.7)
Qatar	40.84% (1049.6,1912.4)	1468.9	70.7 (8.6,282.8)	237.9 (26.6,350.6)	54.2 (8.7,134.2)	119.0 (70.7,168.1)	10.9 (7.1,18.6)	96.3 (30.8,160.0)	31.2 (7.8,87.0)	128.5 (8.5,280.0)	101.2 (48.4,170.9)	672.4 (232.2,928.9)	259.4 (27.1,477.5)	11.7 (6.8,22.7)	23.5 (9.2,48.1)
Turkey	38.70% (559.8,1086.7)	824.2	31.0 (5.5,135.5)	85.3 (11.8,142.3)	88.3 (8.5,196.3)	80.9 (40.2,112.0)	9.9 (5.0,18.8)	39.2 (10.1,67.8)	18.6 (4.1,51.3)	66.2 (4.6,140.7)	17.6 (6.8,37.1)	510.5 (216.1,686.2)	16.9 (5.0,37.2)	4.5 (3.6,5.6)	13.4 (5.2,26.2)

All numbers are age-standardized rates per 100,000 people. NAME=North Africa and Middle East.

**Supplementary Table 5 - The ischemic heart disease death rates (95% uncertainty interval) attributed to dietary risks, by the NAME countries, SDI categories, sex and years.**

SDI	Location	Sex	Year	Dietary risk	high sodium	high trans fatty acids	low polyunsaturated fatty acids	low seafood omega-3 fatty acids	low fiber	high sweetened beverages	high processed meat	high red meat	low nuts and seeds	low whole grains	low legumes	low vegetables	low fruits	
High SDI	(Global)	Female	1990	77.1 (63.9,89.4)	9.0 (1.9,23.2)	10.8 (1.3,14.7)	5.1 (2.5,10.5)	5.1 (2.5,6.5)	7.1 (3.1,11.3)	3.0 (2.1,3.9)	4.3 (0.7,8.1)	5.6 (0.9,10.5)	9.7 (5.2,13.0)	22.4 (8.5,29.0)	18.8 (4.9,30.2)	6.4 (3.4,9.1)	7.1 (3.0,10.5)	
			2019	48.3 (39.0,57.9)	6.1 (0.9,16.0)	6.5 (0.9,9.0)	3.5 (0.5,7.1)	3.4 (1.7,4.4)	1.9 (1.2,2.5)	2.1 (0.5,4.0)	3.4 (1.5,5.9)	1.9 (1.2,2.5)	3.4 (0.5,6.4)	5.4 (2.7,7.5)	14.3 (5.4,18.9)	11.1 (2.5,18.0)	3.5 (1.9,4.9)	4.3 (1.8,6.6)
		Male	1990	117.9 (99.0,135.2)	19.2 (5.7,42.2)	16.6 (1.7,22.0)	7.7 (1.1,15.8)	7.7 (3.8,9.8)	5.4 (2.7,6.9)	5.6 (2.4,9.2)	4.9 (3.5,6.0)	5.9 (1.1,11.1)	8.7 (1.5,15.8)	14.9 (8.1,20.0)	34.6 (13.0,44.8)	28.6 (7.5,46.3)	10.2 (5.5,14.5)	10.6 (4.4,15.8)
			2019	78.7 (64.1,92.1)	14.1 (3.8,30.5)	10.3 (1.1,14.1)	5.4 (0.7,11.0)	5.4 (2.7,6.9)	3.2 (2.2,4.1)	3.1 (0.7,5.9)	3.2 (2.2,4.1)	3.1 (0.7,5.9)	5.7 (1.0,10.4)	8.8 (4.7,12.1)	23.6 (8.8,31.0)	17.9 (4.1,29.1)	5.8 (3.1,8.3)	6.9 (2.8,10.3)
		(NAME)	Female	1990	134.8 (108.5,157.0)	3.2 (1.0,12.8)	22.4 (3.7,30.8)	10.7 (1.3,21.9)	9.9 (3.4,13.6)	5.8 (2.2,10.2)	4.6 (3.0,6.0)	1.8 (0.6,4.5)	6.9 (0.6,13.4)	18.4 (9.1,25.4)	54.7 (22.8,69.3)	30.2 (5.8,50.1)	8.4 (4.5,12.1)	8.8 (3.1,14.1)
				2019	87.9 (69.3,105.3)	2.2 (0.7,9.3)	15.0 (1.5,20.8)	6.6 (0.8,13.9)	7.2 (3.3,9.6)	3.4 (2.1,4.6)	1.5 (0.4,3.9)	3.4 (1.5,6.5)	1.5 (0.4,3.9)	4.9 (0.4,9.7)	9.7 (4.5,14.1)	38.8 (16.4,49.9)	14.5 (2.9,24.4)	4.4 (2.4,6.4)
	Male		1990	147.7 (121.3,173.7)	7.9 (0.9,32.1)	28.7 (3.9,39.3)	14.1 (1.6,29.3)	13.5 (5.2,18.2)	8.0 (3.1,13.9)	7.3 (5.3,9.1)	2.4 (0.9,5.7)	9.7 (0.8,19.1)	25.8 (13.3,35.7)	75.0 (30.7,94.1)	43.6 (8.7,71.8)	11.8 (6.4,17.1)	10.9 (3.8,17.5)	
			2019	115.5 (91.7,136.9)	5.5 (0.6,21.7)	19.3 (1.6,26.9)	8.3 (1.0,17.1)	9.2 (4.5,12.2)	4.7 (1.9,8.2)	4.9 (3.2,6.4)	1.8 (0.6,4.7)	6.5 (0.5,13.1)	13.7 (6.6,20.1)	50.0 (20.5,63.9)	20.9 (4.1,35.0)	5.8 (3.0,8.6)	5.4 (2.0,8.9)	
	Kuwait		Female	1990	83.0 (63.8,100.0)	3.8 (0.4,16.9)	13.3 (3.1,19.4)	3.2 (0.5,7.5)	5.8 (3.4,7.4)	7.4 (2.5,13.2)	3.4 (1.7,5.3)	1.3 (0.4,3.4)	7.2 (0.5,14.6)	9.6 (3.4,14.6)	30.0 (9.9,40.0)	22.6 (4.6,38.1)	2.7 (0.6,4.8)	4.9 (1.3,8.2)
				2019	25.8 (18.6,33.5)	1.2 (0.1,5.4)	3.8 (0.4,5.7)	0.8 (0.2,2.0)	1.9 (1.2,2.6)	1.1 (0.4,1.9)	0.5 (0.1,1.3)	1.6 (0.5,3.1)	1.1 (0.1,3.3)	2.3 (0.2,5.0)	2.0 (0.7,3.5)	9.6 (3.2,13.5)	7.0 (1.3,12.2)	0.4 (0.1,0.9)
		Male	1990	104.3 (82.2,124.9)	9.3 (0.5,30.1)	15.1 (3.0,21.9)	3.6 (0.6,8.3)	7.0 (4.5,8.7)	9.3 (3.2,16.7)	5.0 (3.0,7.0)	1.5 (0.5,3.9)	9.3 (0.6,18.9)	13.4 (5.1,19.9)	38.0 (12.7,49.8)	29.0 (6.6,49.1)	3.5 (0.8,6.1)	5.9 (1.6,10.1)	
			2019	69.9 (52.0,91.2)	6.4 (0.3,21.1)	9.9 (1.0,14.4)	2.0 (0.4,4.9)	4.8 (3.0,6.6)	4.4 (1.4,8.2)	3.3 (1.3,5.3)	3.3 (0.3,3.3)	6.5 (0.4,13.7)	6.2 (2.2,10.2)	26.3 (8.9,36.8)	19.6 (3.7,33.9)	1.2 (0.3,2.5)	4.9 (1.4,8.7)	
United Arab Emirates		Female	1990	109.8 (74.5,146.4)	3.2 (0.7,13.5)	20.1 (3.7,31.0)	4.4 (0.7,10.3)	8.4 (5.5,11.2)	3.2 (1.0,7.0)	6.1 (1.4,10.9)	3.2 (0.5,9.5)	12.1 (1.0,25.7)	1.6 (0.6,3.9)	48.1 (15.9,68.4)	24.0 (2.5,42.1)	1.3 (0.5,2.8)	1.9 (0.6,4.0)	
			2019	52.7 (37.5,70.7)	1.6 (0.4,6.7)	9.3 (1.3,14.2)	3.4 (0.4,8.0)	4.6 (2.7,6.3)	2.5 (0.7,4.8)	1.4 (0.3,4.0)	2.3 (0.6,4.4)	1.4 (0.3,4.0)	4.7 (0.3,10.4)	0.9 (0.3,2.1)	25.0 (8.0,35.3)	2.3 (0.4,5.3)	4.4 (1.3,7.5)	2.8 (0.8,5.3)
	Male	1990	133.9 (93.8,181.9)	7.6 (0.6,33.0)	22.8 (3.5,35.3)	4.7 (0.8,11.6)	9.6 (6.6,13.2)	6.9 (1.7,12.0)	4.0 (1.3,8.2)	6.9 (1.7,12.0)	3.5 (0.6,10.5)	15.5 (1.5,31.7)	2.2 (0.8,5.4)	58.8 (19.5,83.1)	32.5 (4.0,57.5)	1.4 (0.6,2.6)	1.7 (0.7,3.3)	
		2019	74.0 (50.2,100.0)	4.4 (0.4,18.1)	12.4 (1.4,19.1)	4.5 (0.6,10.9)	6.3 (3.5,9.0)	3.3 (0.9,5.7)	3.3 (0.3,5.1)	3.3 (0.3,5.1)	1.8 (0.4,5.2)	6.7 (0.4,15.2)	1.4 (0.5,3.0)	35.3 (11.4,51.0)	3.9 (0.6,7.9)	6.5 (2.0,11.2)	3.5 (0.9,6.5)	
	Qatar	Female	1990	147.1 (100.2,187.8)	4.2 (0.9,17.8)	26.1 (6.5,40.3)	7.8 (0.9,18.6)	11.2 (6.9,15.1)	1.4 (0.7,2.9)	7.3 (2.3,12.5)	2.9 (0.7,8.1)	11.6 (0.8,25.1)	8.2 (3.0,15.2)	65.4 (23.1,88.5)	31.3 (3.3,56.1)	2.4 (0.8,5.1)	3.2 (1.0,7.1)	
			2019	124.1 (91.2,155.2)	3.4 (0.9,13.8)	21.0 (2.5,30.0)	5.1 (0.8,12.4)	10.9 (6.6,15.1)	0.9 (0.6,1.8)	7.7 (2.2,14.2)	7.7 (0.7,7.2)	10.3 (0.8,22.1)	7.7 (3.0,14.1)	56.8 (19.3,76.4)	19.4 (2.1,36.3)	1.0 (0.6,2.3)	2.2 (0.8,5.6)	
Male		1990	201.3 (144.4,257.6)	10.1 (1.0,42.7)	32.1 (6.0,49.0)	9.7 (1.2,23.2)	14.6 (9.4,19.9)	2.1 (1.0,4.4)	9.7 (3.7,16.1)	3.5 (0.9,2.2)	15.5 (1.1,33.1)	14.4 (5.7,25.3)	87.8 (31.3,119.1)	47.0 (5.4,82.6)	3.9 (1.2,8.3)	3.8 (1.1,8.1)		
		2019	144.4 (100.2,187.8)	10.1 (1.0,42.7)	32.1 (6.0,49.0)	9.7 (1.2,23.2)	14.6 (9.4,19.9)	2.1 (1.0,4.4)	9.7 (3.7,16.1)	3.5 (0.9,2.2)	15.5 (1.1,33.1)	14.4 (5.7,25.3)	87.8 (31.3,119.1)	47.0 (5.4,82.6)	3.9 (1.2,8.3)	3.8 (1.1,8.1)		

SDI	Location	Sex	Year	Dietary risk	high sodium	high trans fatty acids	low polyunsaturated fatty acids	low seafood omega-3 fatty acids	low fiber	high sweetened beverages	high processed meat	high red meat	low nuts and seeds	low whole grains	low legumes	low vegetables	low fruits
			2019	92.3 (65.3,121.0)	4.6 (0.5,18.2)	14.5 (1.6,21.3)	3.2 (0.6,7.8)	7.5 (4.2,10.8)	0.7 (0.5,1.5)	5.5 (1.9,9.4)	1.8 (0.5,4.7)	7.5 (0.5,16.1)	7.4 (3.2,13.0)	40.9 (14.3,56.7)	17.7 (1.8,32.4)	0.8 (0.4,1.9)	1.3 (0.5,3.0)
		Female	1990	70.9 (50.7,87.4)	1.6 (0.5,6.1)	7.3 (1.1,11.8)	7.9 (0.9,16.6)	6.3 (2.0,9.1)	0.8 (0.4,1.6)	2.3 (0.8,3.8)	1.2 (0.3,3.0)	4.6 (0.4,9.5)	2.8 (0.9,5.5)	38.6 (16.7,49.8)	10.3 (0.9,19.0)	0.4 (0.3,0.7)	2.1 (0.6,4.1)
	Turkey	2019	35.1 (23.5,45.3)	0.8 (0.3,3.4)	3.7 (0.6,6.5)	3.6 (0.4,8.0)	3.5 (1.7,4.8)	3.5 (1.7,4.8)	0.6 (0.2,1.2)	1.5 (0.4,2.8)	0.7 (0.2,2.0)	2.4 (0.2,5.2)	0.9 (0.3,2.0)	21.3 (9.3,28.4)	1.0 (0.2,2.6)	0.2 (0.2,0.3)	0.7 (0.2,1.5)
		Male	1990	129.3 (95.6,161.2)	4.9 (0.6,22.3)	12.3 (1.5,18.9)	14.1 (1.5,30.0)	11.3 (3.8,16.1)	1.3 (0.7,2.6)	4.0 (1.5,6.5)	2.0 (0.6,5.1)	8.7 (0.6,17.9)	6.6 (2.1,11.7)	68.8 (29.4,88.6)	24.6 (2.4,43.0)	0.7 (0.5,1.2)	3.1 (0.8,6.4)
		2019	54.0 (36.6,70.8)	2.3 (0.3,10.5)	5.3 (0.7,8.9)	5.5 (0.5,12.3)	5.2 (2.6,7.2)	5.2 (2.6,7.2)	0.7 (0.3,1.3)	2.4 (0.7,4.0)	1.1 (0.3,2.9)	4.0 (0.3,8.5)	1.6 (0.5,3.1)	32.6 (13.9,44.0)	2.1 (0.4,4.7)	0.3 (0.2,0.5)	0.8 (0.3,1.7)
		Female	1990	110.5 (84.0,135.0)	2.7 (0.6,11.0)	16.8 (4.2,25.3)	7.0 (0.8,15.5)	8.0 (4.2,10.7)	11.3 (4.1,19.1)	3.8 (1.8,6.0)	1.5 (0.5,3.8)	5.6 (0.5,11.4)	6.7 (1.9,11.6)	44.7 (20.9,62.4)	26.4 (3.9,45.4)	8.9 (3.1,14.3)	8.3 (2.5,13.4)
		2019	50.4 (36.5,64.2)	1.2 (0.3,4.8)	7.0 (0.9,10.2)	2.1 (0.3,4.9)	3.8 (2.2,5.2)	3.8 (1.3,7.7)	3.9 (1.3,7.7)	1.6 (0.7,2.6)	0.8 (0.2,2.0)	2.7 (0.2,5.6)	2.1 (0.6,4.4)	23.2 (10.3,30.7)	12.0 (1.6,20.9)	3.6 (1.2,5.9)	4.1 (1.2,6.8)
	Jordan	1990	119.7 (92.6,147.4)	5.3 (0.5,21.4)	16.9 (3.3,25.7)	7.4 (0.8,16.7)	7.4 (4.8,11.5)	8.6 (4.8,11.5)	12.2 (4.4,20.8)	4.8 (2.7,7.4)	1.6 (0.5,3.7)	6.5 (0.5,13.2)	8.5 (2.7,14.3)	53.2 (22.9,69.1)	30.0 (5.1,51.6)	9.8 (3.7,15.6)	8.6 (2.5,14.3)
		Male	2019	67.7 (50.1,88.3)	3.1 (0.3,12.6)	9.1 (0.9,13.5)	2.6 (0.4,6.0)	4.9 (2.8,6.8)	5.4 (1.7,9.9)	2.4 (1.1,3.8)	1.0 (0.3,2.6)	3.8 (0.3,8.0)	3.5 (1.1,6.8)	31.1 (13.5,41.8)	17.0 (2.7,30.5)	5.0 (1.7,8.4)	5.4 (1.7,9.1)
		Female	1990	178.2 (136.1,212.8)	4.7 (1.0,19.4)	29.3 (7.2,42.6)	11.6 (1.2,25.7)	13.3 (7.8,17.5)	3.7 (1.2,8.1)	6.5 (2.5,10.2)	3.0 (0.8,7.8)	11.7 (0.9,24.1)	13.9 (5.3,23.2)	76.3 (28.8,97.5)	42.1 (5.7,71.3)	8.0 (2.1,14.1)	6.2 (1.6,11.8)
		2019	61.4 (45.6,77.1)	1.6 (0.4,6.9)	9.4 (1.1,13.3)	3.6 (0.4,8.2)	5.0 (3.0,6.8)	5.0 (3.0,6.8)	1.0 (0.4,2.3)	2.6 (1.0,4.5)	1.1 (0.3,3.0)	4.2 (0.3,8.8)	4.1 (1.5,7.4)	26.8 (9.7,36.3)	13.4 (1.6,23.7)	1.9 (0.5,3.7)	1.9 (0.5,3.8)
	Bahrain	1990	235.5 (179.4,284.6)	11.2 (1.0,45.2)	35.2 (7.4,51.1)	14.6 (1.5,33.1)	17.3 (10.7,22.3)	17.3 (10.7,22.3)	5.2 (1.8,11.1)	9.7 (4.6,14.6)	3.6 (1.0,9.0)	15.8 (1.1,32.6)	22.0 (9.0,36.2)	99.7 (37.6,127.5)	58.4 (8.0,99.1)	11.2 (2.9,20.3)	7.6 (2.0,14.8)
		Male	2019	70.8 (51.8,91.8)	3.4 (0.3,14.3)	10.3 (1.1,15.0)	3.8 (0.4,8.7)	5.6 (3.4,7.6)	1.2 (0.5,2.8)	3.2 (1.3,5.2)	1.2 (0.3,3.0)	4.8 (0.3,10.4)	5.8 (2.4,9.8)	30.4 (11.1,41.6)	16.6 (2.2,29.4)	2.4 (0.7,4.9)	1.9 (0.5,3.8)
		Female	1990	106.2 (76.2,130.7)	3.2 (0.7,13.2)	16.9 (1.0,24.1)	2.7 (0.8,6.1)	9.6 (5.2,12.8)	1.9 (0.7,4.1)	4.3 (1.9,6.8)	2.0 (0.6,5.1)	8.6 (0.6,17.5)	1.6 (0.7,3.6)	60.8 (26.0,78.7)	13.3 (1.7,24.8)	0.8 (0.5,1.7)	1.4 (0.6,2.8)
		2019	72.8 (45.7,91.0)	1.9 (0.5,8.0)	11.2 (0.6,16.2)	2.2 (0.5,5.1)	5.7 (3.0,7.7)	5.7 (3.0,7.7)	1.6 (0.5,3.7)	2.9 (1.3,4.7)	1.3 (0.3,3.3)	5.8 (0.4,12.2)	1.0 (0.4,2.3)	38.1 (17.0,49.9)	16.1 (1.8,28.9)	0.6 (0.3,1.2)	1.7 (0.5,3.5)
	Lebanon	1990	181.7 (134.6,226.7)	10.0 (0.9,40.8)	27.7 (1.6,39.2)	3.8 (1.2,8.3)	15.6 (9.6,21.0)	15.6 (9.6,21.0)	3.2 (1.3,6.6)	8.3 (4.4,12.7)	3.1 (0.9,8.0)	14.9 (1.0,30.7)	3.3 (1.2,7.1)	100.6 (43.0,130.8)	30.2 (3.0,54.3)	1.3 (0.8,2.4)	1.8 (0.9,3.6)
		Male	2019	143.7 (101.4,179.5)	7.6 (0.7,30.8)	21.6 (1.2,30.4)	3.7 (0.9,8.9)	10.8 (6.2,14.2)	3.3 (1.1,6.8)	6.6 (3.3,10.1)	2.3 (0.7,6.0)	11.7 (0.8,24.6)	2.1 (0.9,4.3)	73.5 (31.8,95.0)	34.8 (4.3,59.3)	1.1 (0.6,2.3)	2.8 (0.8,5.9)
		Female	1990	81.9 (60.0,104.0)	2.2 (0.4,9.2)	13.4 (3.3,20.9)	2.2 (0.4,5.5)	6.2 (2.9,8.8)	3.0 (0.9,6.1)	2.9 (1.1,4.8)	1.4 (0.3,3.8)	6.1 (0.4,13.1)	3.5 (1.0,6.5)	37.2 (15.2,49.1)	22.0 (3.8,38.9)	3.9 (0.8,6.7)	4.1 (1.0,7.4)
		2019	75.3 (53.9,98.5)	1.9 (0.4,8.4)	10.4 (1.2,15.8)	2.3 (0.5,4.9)	5.8 (2.3,8.6)	5.8 (2.3,8.6)	4.7 (1.5,9.2)	2.7 (1.3,4.4)	1.1 (0.3,3.1)	4.2 (0.3,8.9)	7.2 (2.6,12.2)	32.3 (13.0,44.6)	20.9 (4.9,36.3)	5.1 (1.6,8.7)	4.5 (1.2,8.2)
	Libya	1990	99.9 (70.1,137.1)	4.8 (0.4,21.1)	14.9 (2.9,23.6)	2.4 (0.5,6.0)	7.5 (3.9,11.2)	7.5 (3.9,11.2)	3.9 (1.2,7.9)	4.0 (1.8,6.6)	1.5 (0.4,4.0)	7.5 (0.4,16.8)	5.6 (1.9,10.1)	44.7 (17.8,63.6)	27.5 (5.7,50.0)	5.2 (1.3,9.4)	4.5 (1.1,8.4)

SIDI	Location	Sex	Year	Dietary risk	high sodium fatty acids	high trans fatty acids	low polyunsatur ated fatty acids	low seafood omega-3 fatty acids	low fiber	high sugar-sweetened beverages	high processed meat	high red meat	low nuts and seeds	low whole grains	low legumes	low vegetables	low fruits
			2019	95.9 (67.9,137.5)	4.6 (0.4,18.7)	12.7 (1.2,20.1)	2.6 (0.6,5.6)	7.2 (3.1,11.0)	6.1 (2.0,11.8)	4.1 (2.2,6.4)	1.3 (0.4,3.5)	5.3 (0.4,11.9)	10.6 (3.9,18.0)	40.3 (16.1,58.5)	26.9 (6.6,48.1)	6.8 (2.2,11.8)	5.3 (1.3,9.9)
			1990	111.5 (83.3,143.4)	2.7 (0.6,10.7)	13.7 (2.3,21.5)	8.6 (0.9,18.4)	7.8 (4.6,10.6)	3.8 (1.2,7.5)	4.3 (1.2,7.5)	1.5 (0.4,3.9)	5.6 (0.5,11.6)	18.8 (8.3,27.7)	38.8 (12.8,53.4)	33.0 (8.8,54.7)	8.2 (2.6,13.7)	5.3 (1.3,9.7)
		Female	2019	85.2 (62.6,109.1)	2.1 (0.5,8.8)	8.8 (1.2,13.6)	7.1 (0.7,15.5)	6.2 (3.7,8.4)	2.2 (0.7,4.7)	5.0 (1.0,8.6)	1.4 (0.3,3.9)	4.3 (0.4,9.0)	11.5 (4.5,17.8)	30.3 (10.4,41.8)	22.8 (4.1,40.2)	6.9 (2.4,11.5)	6.3 (1.9,11.0)
		Male	1990	132.4 (97.9,168.1)	5.9 (0.5,24.1)	15.2 (2.0,23.7)	9.9 (1.0,21.5)	9.1 (5.4,12.4)	4.7 (1.5,9.3)	4.8 (1.6,8.0)	1.7 (0.5,4.1)	6.7 (0.5,13.8)	23.5 (10.5,33.8)	46.4 (15.1,64.5)	39.6 (10.8,66.3)	10.1 (3.5,16.4)	5.8 (1.4,10.6)
			2019	114.7 (88.2,141.6)	5.5 (0.5,22.0)	11.2 (1.3,16.4)	9.1 (0.9,19.2)	8.3 (5.1,11.1)	3.1 (1.0,6.3)	5.9 (1.3,10.1)	1.7 (0.5,4.6)	5.8 (0.5,11.8)	16.9 (7.2,25.2)	41.0 (13.8,55.5)	31.2 (6.8,53.3)	9.6 (3.4,15.3)	7.9 (2.4,13.4)
			1990	221.0 (171.9,277.0)	4.9 (1.1,20.2)	31.8 (7.8,50.1)	19.5 (2.4,41.1)	14.7 (6.8,20.8)	15.8 (4.9,29.1)	13.3 (8.3,18.4)	2.7 (0.9,6.2)	14.0 (0.9,29.7)	46.2 (29.5,63.5)	74.9 (24.4,103.8)	55.7 (12.1,94.7)	15.0 (5.1,25.0)	7.6 (1.8,14.2)
		Female	2019	143.0 (111.1,173.7)	3.5 (0.8,15.2)	19.4 (2.1,27.8)	13.5 (1.7,27.6)	10.4 (6.1,13.6)	4.4 (1.3,9.1)	6.7 (3.4,10.0)	2.1 (0.7,5.3)	10.8 (0.7,22.7)	24.4 (11.3,34.7)	47.6 (16.3,64.3)	35.8 (6.4,61.5)	8.3 (2.3,13.8)	3.7 (1.1,7.0)
		Male	1990	286.4 (219.1,363.8)	11.3 (1.1,48.9)	37.9 (7.4,58.8)	24.9 (2.9,51.4)	18.9 (9.9,26.7)	20.8 (7.1,38.2)	20.6 (14.4,27.6)	3.4 (1.2,7.9)	18.4 (1.2,39.5)	60.1 (37.7,82.5)	97.6 (31.5,134.0)	74.1 (18.5,126.7)	20.2 (6.9,32.9)	8.7 (2.0,16.6)
			2019	178.4 (136.7,218.1)	7.4 (0.8,31.3)	23.0 (2.3,32.9)	16.1 (1.9,33.3)	12.7 (8.1,16.5)	6.0 (1.9,12.0)	10.3 (6.1,14.6)	2.4 (0.8,5.7)	13.1 (0.8,27.5)	31.6 (15.2,44.8)	59.0 (19.9,79.8)	45.2 (9.4,77.9)	10.9 (3.3,17.8)	3.9 (1.2,7.6)
			1990	90.0 (66.2,112.4)	2.3 (0.5,9.3)	9.0 (1.0,13.7)	4.5 (0.6,10.4)	7.1 (2.3,10.2)	2.5 (0.8,5.2)	2.6 (1.0,4.2)	1.5 (0.4,3.8)	4.9 (0.4,9.9)	6.0 (2.0,10.2)	40.3 (16.6,52.4)	22.8 (3.1,39.6)	6.7 (2.1,10.8)	6.7 (2.0,11.3)
		Female	2019	63.6 (43.2,85.3)	1.7 (0.4,7.3)	6.2 (0.9,10.4)	3.8 (0.5,8.9)	5.3 (2.1,8.1)	1.2 (0.4,2.7)	2.3 (0.7,4.2)	1.2 (0.3,3.3)	3.7 (0.3,8.0)	2.5 (0.8,5.2)	30.6 (12.1,42.6)	15.2 (1.7,27.5)	2.0 (0.5,3.8)	3.3 (0.8,6.5)
		Male	1990	134.4 (101.5,166.4)	6.1 (0.6,26.3)	13.0 (1.4,19.0)	6.0 (0.8,14.4)	10.5 (3.4,14.8)	3.9 (1.3,7.8)	4.0 (1.7,6.4)	2.0 (0.6,5.0)	7.5 (0.6,15.2)	11.0 (4.2,18.0)	58.7 (22.7,76.7)	35.2 (5.7,61.5)	10.4 (3.4,16.6)	9.3 (2.6,15.9)
			2019	103.4 (70.4,140.2)	5.1 (0.5,20.9)	9.4 (1.2,15.5)	5.7 (0.7,13.8)	8.4 (3.6,12.8)	2.0 (0.7,4.5)	3.8 (1.3,6.7)	1.7 (0.5,4.7)	6.0 (0.5,13.2)	5.2 (1.7,10.1)	48.8 (19.2,69.7)	26.4 (3.4,48.1)	3.5 (0.9,6.7)	4.8 (1.2,9.5)
			128.5 (102.5,150.5)	2.9 (0.9,11.7)	26.9 (3.0,36.5)	5.1 (0.8,11.2)	5.1 (0.8,11.2)	9.2 (3.3,12.7)	7.4 (2.5,13.4)	5.3 (3.2,7.6)	1.7 (0.6,4.3)	6.5 (0.5,13.1)	14.8 (6.4,21.8)	53.7 (24.2,67.3)	32.5 (7.4,55.1)	9.3 (3.7,14.5)	4.0 (1.3,7.0)
Middle SIDI		Female	2019	72.0 (55.2,85.4)	1.7 (0.5,6.8)	15.6 (1.1,21.2)	2.7 (0.5,6.0)	5.6 (3.0,7.4)	2.5 (0.8,4.9)	3.3 (1.9,4.7)	1.1 (0.4,2.6)	3.4 (0.3,6.8)	4.6 (1.9,7.4)	32.3 (14.5,40.2)	18.1 (3.3,30.3)	2.1 (0.7,3.7)	1.7 (0.6,3.1)
		Male	1990	177.4 (143.2,207.4)	7.7 (0.8,30.7)	36.8 (3.2,51.1)	6.4 (1.0,14.4)	12.7 (4.9,17.4)	10.3 (3.8,18.0)	8.3 (5.4,11.0)	2.3 (0.9,5.5)	9.3 (0.7,18.8)	22.6 (10.5,32.9)	73.4 (32.2,90.7)	46.2 (12.0,77.5)	13.3 (5.5,20.8)	4.9 (1.5,8.5)
			2019	89.8 (70.9,105.8)	4.1 (0.5,16.0)	19.6 (1.1,26.4)	3.1 (0.5,7.1)	6.9 (3.7,8.8)	3.1 (1.1,5.7)	4.6 (2.9,6.2)	1.3 (0.5,3.2)	4.5 (0.4,8.8)	6.2 (2.8,9.5)	40.1 (17.8,50.1)	23.3 (4.8,39.1)	2.5 (0.8,4.2)	1.8 (0.6,3.2)
		Female	1990	208.7 (163.5,254.4)	4.2 (1.1,17.1)	26.9 (4.2,39.7)	13.4 (1.4,29.2)	14.1 (4.6,20.3)	17.7 (6.0,32.1)	7.9 (4.2,12.3)	2.5 (0.8,6.1)	8.2 (0.8,16.4)	42.1 (26.2,57.3)	79.9 (33.3,104.8)	46.2 (7.3,80.1)	21.7 (10.2,33.2)	18.7 (6.5,28.6)

SDI	Location	Sex	Year	Dietary risk	high sodium	high trans fatty acids	low polyunsaturated fatty acids	low omega-3 fatty acids	low fiber	high sweetened beverages	high processed meat	high red meat	low nuts and seeds	low whole grains	low legumes	low vegetables	low fruits
			2019	123.9 (94.3,154.7)	2.6 (0.7,10.3)	13.9 (2.1,21.7)	7.1 (0.9,15.7)	9.1 (3.1,13.1)	4.4 (1.3,9.1)	3.9 (1.6,6.7)	1.8 (0.5,4.8)	6.0 (0.5,12.6)	22.3 (10.6,32.2)	51.2 (21.1,67.9)	26.2 (3.2,45.5)	9.3 (3.2,15.5)	7.4 (2.1,13.0)
		Male	1990	183.0,288.9 ( )	9.0 (0.9,39.0)	28.5 (3.8,41.8)	14.5 (1.5,32.0)	15.7 (5.2,22.7)	19.4 (6.8,35.7)	10.8 (6.3,15.8)	2.7 (0.9,6.6)	9.6 (0.9,19.8)	47.7 (30.1,65.2)	88.3 (35.7,116.6)	53.3 (9.9,93.1)	24.7 (11.8,38.1)	20.7 (6.9,33.0)
			2019	116.3 (86.2,150.1)	4.9 (0.5,20.1)	12.3 (1.6,18.8)	6.2 (0.7,14.0)	8.5 (3.2,12.4)	4.1 (1.2,8.5)	4.2 (1.9,6.8)	1.6 (0.5,4.2)	5.9 (0.5,12.8)	21.8 (11.3,32.1)	47.9 (19.4,65.2)	26.2 (3.8,46.9)	8.9 (3.2,15.0)	6.0 (1.7,10.9)
		Female	1990	102.2,166.3 ( )	3.4 (0.7,13.8)	20.6 (4.9,31.4)	10.5 (1.0,22.8)	9.9 (3.3,14.2)	4.1 (1.4,8.4)	4.9 (2.5,7.6)	1.9 (0.5,4.7)	4.8 (0.6,9.5)	29.4 (17.5,39.8)	54.9 (21.1,71.7)	25.8 (2.7,43.9)	5.2 (1.1,9.3)	8.7 (2.5,14.8)
	Iraq	Male	2019	105.9 (80.9,129.8)	2.5 (0.6,10.2)	13.9 (1.5,20.1)	6.4 (0.8,13.9)	8.1 (3.0,11.6)	7.4 (2.4,14.0)	5.0 (3.0,7.5)	1.4 (0.4,3.4)	2.8 (0.4,5.5)	23.8 (14.8,32.7)	40.3 (15.2,54.1)	23.4 (3.2,41.0)	3.7 (0.9,6.8)	9.1 (3.0,14.6)
			1990	144.5,237.9 ( )	8.8 (0.7,36.6)	26.4 (4.9,40.4)	14.2 (1.4,31.2)	13.8 (5.0,20.5)	5.8 (1.9,11.6)	8.2 (4.8,11.8)	2.5 (0.8,6.3)	6.9 (0.8,14.0)	42.0 (25.1,57.4)	75.5 (28.5,100.5)	39.9 (4.7,68.6)	7.8 (1.8,14.0)	11.2 (3.1,19.6)
			2019	161.1 (123.1,195.9)	7.5 (0.7,29.6)	20.4 (1.9,28.8)	9.1 (1.2,19.8)	12.2 (5.1,17.1)	11.3 (3.8,21.1)	9.1 (5.8,12.7)	2.0 (0.7,4.8)	4.3 (0.7,8.5)	36.5 (22.7,50.1)	60.8 (22.1,80.6)	37.1 (5.4,65.6)	5.8 (1.5,10.3)	13.4 (4.5,21.9)
		Female	1990	124.0,211.0 ( )	4.2 (1.0,17.6)	27.5 (6.1,42.3)	16.5 (1.8,34.7)	13.6 (4.7,20.4)	11.7 (3.7,22.2)	4.6 (1.9,7.4)	2.6 (0.7,6.9)	10.5 (0.7,21.8)	2.9 (0.7,7.5)	75.3 (31.0,97.9)	40.5 (5.2,70.1)	10.0 (2.9,16.6)	8.0 (1.9,14.8)
	Syrian Arab Republic	Male	2019	126.6,221.5 ( )	3.9 (1.0,17.1)	24.1 (2.6,35.5)	13.9 (1.5,29.9)	13.8 (4.4,20.4)	13.3 (4.5,25.6)	5.2 (2.2,8.7)	2.5 (0.7,6.5)	9.3 (0.8,19.2)	3.5 (0.8,9.4)	76.8 (32.9,103.1)	41.7 (5.7,72.3)	15.8 (6.0,25.6)	10.1 (2.7,18.6)
			1990	148.1,258.4 ( )	9.6 (0.8,40.9)	31.0 (6.0,48.0)	20.0 (2.1,41.9)	16.5 (5.5,24.6)	14.3 (4.8,26.1)	6.1 (2.7,10.0)	3.0 (0.8,7.8)	13.3 (0.9,28.0)	4.0 (1.0,10.5)	90.2 (34.6,119.9)	52.0 (7.0,89.6)	12.3 (3.1,20.8)	8.6 (1.9,15.9)
			2019	133.3,248.2 ( )	8.6 (0.8,34.8)	25.2 (2.5,37.6)	14.5 (1.5,31.9)	14.8 (5.1,22.3)	13.7 (4.7,26.4)	6.5 (3.1,10.0)	2.6 (0.8,6.8)	10.5 (0.8,22.6)	4.2 (0.9,10.0)	82.7 (33.8,115.0)	47.3 (6.9,83.6)	17.7 (6.9,28.8)	10.4 (2.5,18.6)
		Female	1990	148.6,235.2 ( )	4.7 (1.0,19.8)	47.0 (5.4,64.8)	18.1 (2.1,36.5)	14.3 (5.0,19.9)	2.6 (1.1,5.4)	5.5 (2.8,8.6)	2.9 (0.8,7.6)	9.3 (0.8,18.6)	32.2 (14.1,46.9)	62.5 (21.3,84.8)	45.8 (6.5,77.9)	3.2 (0.9,6.3)	13.1 (3.8,21.7)
	Egypt	Male	2019	110.9,209.9 ( )	4.7 (1.0,20.4)	46.9 (3.0,69.1)	16.7 (1.8,36.1)	14.3 (7.6,20.3)	1.4 (0.8,2.8)	4.9 (1.9,8.1)	3.7 (0.8,10.8)	10.8 (0.9,22.7)	17.5 (5.4,30.3)	59.3 (20.2,85.9)	11.8 (1.5,24.0)	1.0 (0.7,1.9)	5.7 (1.5,11.9)
			1990	175.8,263.2 ( )	9.9 (0.9,41.0)	52.8 (4.4,73.2)	20.2 (2.1,41.6)	16.0 (6.6,21.7)	3.1 (1.3,6.3)	7.8 (4.6,11.6)	3.1 (0.9,7.8)	10.8 (1.0,21.1)	38.5 (17.5,53.9)	72.7 (24.3,96.8)	54.2 (8.6,92.1)	3.9 (1.1,7.5)	13.9 (4.0,23.3)
			2019	105.6,205.6 ( )	8.4 (0.7,33.9)	43.9 (2.3,67.1)	15.2 (1.5,32.5)	12.9 (7.3,18.7)	1.3 (0.7,2.5)	4.7 (2.1,7.6)	3.3 (0.7,9.5)	10.6 (0.8,22.8)	18.8 (6.4,31.3)	56.9 (19.0,84.1)	13.2 (1.5,26.2)	0.9 (0.6,1.4)	4.5 (1.2,9.2)
	Palestine	Female	1990	132.6 ( )	2.8 (0.6,11.1)	17.4 (4.0,26.4)	12.4 (1.9,24.7)	9.4 (3.7,14.0)	16.6 (6.4,27.0)	7.0 (4.3,10.0)	1.4 (0.5,3.1)	4.6 (0.5,9.4)	19.6 (8.8,28.8)	49.9 (22.4,65.9)	33.0 (8.8,56.2)	19.4 (11.8,27.6)	10.7 (3.6,17.5)

SIDI	Location	Sex	Year	Dietary risk	high sodium	high trans fatty acids	low polynaturated fatty acids	low seafood omega-3 fatty acids	low fiber	high sweetened beverages	high processed meat	high red meat	low nuts and seeds	low whole grains	low legumes	low vegetables	low fruits		
Low-middle SIDI	Morocco	Male	2019	(104,4,164.1)	2.0	11.4	6.8	6.6	12.8	5.8	1.0	3.1	7.6	36.2	23.2	6.6	6.7		
				(88.4, 219.8)	(0.5,8.3)	(1.3,16.2)	(0.8,14.7)	(2.6,9.4)	(3.7,8.2)	(0.4,2.3)	(0.4,6.1)	(2.7,12.2)	(15.5,46.8)	(5.8,39.3)	(3.0,10.0)	(2.1,10.9)			
			1990	(172.5,273.5)	8.3	26.9	20.6	15.8	27.7	13.5	2.3	8.0	34.5	82.7	56.4	82.7	56.4	32.7	17.3
				(135.1, 106.0,161.8)	(0.7,33.8)	(5.2,40.5)	(3.1,42.7)	(6.2,23.1)	(11.0,45.9)	(9.2,18.4)	(0.9,5.2)	(0.8,16.1)	(16.3,50.6)	(35.7,109.4)	(15.2,94.7)	(19.6,46.6)	(5.8,28.2)		
			2019	(106.0,161.8)	5.6	16.8	10.1	10.0	19.6	10.0	1.5	4.8	13.2	54.6	36.3	54.6	36.3	10.3	9.7
				(143.6, 112.9,173.7)	(0.5,22.6)	(1.8,23.7)	(1.0,22.0)	(3.5,14.1)	(8.3,31.0)	(7.1,13.0)	(0.6,3.3)	(0.6,9.7)	(4.9,21.1)	(23.0,71.0)	(8.9,60.4)	(4.6,15.6)	(3.2,15.9)		
Low-middle SIDI	Morocco	Female	1990	(112.9,173.7)	3.6	20.8	8.7	10.0	0.9	4.1	1.4	6.5	25.4	60.5	28.6	28.6	13.3	11.4	
				(105.0, 78.6,132.0)	(0.7,14.8)	(5.1,31.5)	(0.9,19.0)	(0.6,1.6)	(2.2,6.4)	(0.7,2.9)	(0.6,13.0)	(13.2,36.1)	(26.9,78.6)	(3.3,49.1)	(5.5,20.9)	(3.5,18.6)			
			2019	(78.6,132.0)	3.0	16.3	6.4	8.9	0.7	2.8	1.7	6.7	15.3	53.7	5.8	53.7	5.8	5.2	3.9
				(191.2, 147.7,235.8)	(0.7,12.4)	(1.9,23.8)	(0.7,14.9)	(4.1,12.4)	(0.5,1.1)	(1.2,4.6)	(0.5,4.2)	(0.5,14.2)	(6.6,23.5)	(23.4,71.4)	(0.7,13.2)	(1.4,9.1)	(1.0,7.4)		
			1990	(147.7,235.8)	8.4	25.4	11.0	13.2	1.3	7.3	1.8	8.8	35.3	80.0	40.6	80.0	40.6	18.2	14.5
				(142.9, 103.0,178.9)	(0.7,34.4)	(5.3,38.3)	(1.2,24.3)	(4.6,19.0)	(0.8,2.4)	(4.6,10.6)	(0.9,3.3)	(0.7,18.1)	(18.3,50.0)	(35.2,104.5)	(5.2,69.9)	(8.0,28.7)	(4.4,24.4)		
Low SIDI	Sudan	Female	1990	(174.9, 132.5,217.1)	4.1	24.0	14.7	12.2	18.7	6.2	2.0	7.3	29.5	68.4	42.7	42.7	19.1	16.2	
				(128.8, 95.9,167.0)	(0.8,17.5)	(5.6,36.7)	(1.7,30.3)	(4.2,17.9)	(6.8,32.6)	(3.5,9.7)	(0.7,4.9)	(0.6,15.3)	(16.3,42.5)	(29.5,90.3)	(9.3,74.4)	(9.5,28.6)	(5.7,26.0)		
			2019	(241.7, 178.9,307.6)	3.1	16.1	10.2	9.6	11.0	4.6	1.6	5.6	19.7	51.8	30.5	51.8	30.5	12.3	10.5
				(166.5, 118.9,215.1)	(0.6,12.6)	(1.8,24.4)	(1.1,21.9)	(3.7,14.8)	(3.5,21.4)	(2.4,7.2)	(0.5,3.9)	(0.5,12.1)	(8.7,30.8)	(22.5,71.3)	(5.5,55.0)	(5.2,19.6)	(3.2,17.6)		
			1990	(178.9,307.6)	9.9	30.8	20.2	17.0	26.1	10.2	2.7	10.3	41.8	94.0	61.0	94.0	61.0	27.1	21.8
				(166.5, 118.9,215.1)	(0.8,40.9)	(6.0,47.2)	(2.3,43.0)	(5.9,25.2)	(10.1,43.2)	(5.9,15.0)	(0.9,6.3)	(0.8,22.1)	(23.6,60.7)	(39.9,126.9)	(14.6,105.6)	(13.8,41.5)	(7.3,36.2)		
Low SIDI	Yemen	Female	2019	(174.5, 134.9,216.5)	7.2	20.3	12.9	12.5	14.3	7.1	2.0	7.4	27.0	66.2	40.6	40.6	16.3	13.1	
				(148.5, 115.5,195.0)	(0.6,29.5)	(1.9,31.0)	(1.4,27.8)	(5.0,18.8)	(4.8,26.5)	(4.0,11.0)	(0.6,5.1)	(0.6,16.5)	(11.7,41.3)	(28.4,91.1)	(8.5,75.5)	(7.0,26.4)	(4.3,22.8)		
			1990	(134.9,216.5)	3.6	23.2	15.9	11.3	17.4	9.1	1.8	5.7	31.1	66.9	40.0	66.9	40.0	22.7	18.7
				(203.8, 157.0,267.9)	(0.8,14.5)	(5.3,35.8)	(2.0,32.3)	(3.8,16.9)	(6.5,29.1)	(5.4,13.2)	(0.7,4.3)	(0.6,11.7)	(18.7,44.7)	(28.6,89.6)	(8.0,69.6)	(13.1,33.0)	(7.2,28.8)		
			2019	(115.5,195.0)	3.0	17.2	13.4	10.8	16.6	8.5	1.5	4.9	25.8	56.8	34.4	56.8	34.4	19.8	15.6
				(255.9, 191.4,331.2)	(0.6,12.5)	(2.0,26.3)	(1.9,28.0)	(4.4,16.1)	(6.5,29.0)	(5.5,11.9)	(0.6,3.5)	(0.5,10.4)	(14.5,38.0)	(24.3,78.8)	(7.6,60.1)	(11.5,29.4)	(6.1,24.4)		
Low SIDI	Yemen	Male	1990	(191.4,331.2)	9.7	31.5	23.4	16.6	25.4	15.5	2.6	8.6	45.6	99.2	99.2	60.7	33.9	27.3	
				(203.8, 157.0,267.9)	(0.8,41.3)	(6.3,49.1)	(3.0,48.9)	(5.6,25.7)	(9.5,42.9)	(10.2,22.2)	(1.0,6.3)	(0.9,18.0)	(27.0,69.0)	(42.4,135.4)	(14.0,106.8)	(19.3,49.6)	(10.2,44.0)		
			2019	(157.0,267.9)	7.6	23.0	18.2	15.0	22.7	13.4	2.1	7.0	36.1	78.1	48.5	78.1	48.5	27.6	21.2
				(174.5, 134.9,216.5)	(0.7,31.6)	(2.2,34.7)	(2.4,37.4)	(5.9,22.3)	(8.9,39.3)	(8.8,18.7)	(0.8,4.8)	(0.7,14.9)	(21.0,52.4)	(34.2,108.7)	(12.3,85.9)	(15.5,41.3)	(8.2,33.9)		
			1990	(134.9,216.5)	3.6	23.2	15.9	11.3	17.4	9.1	1.8	5.7	31.1	66.9	40.0	66.9	40.0	22.7	18.7
				(203.8, 157.0,267.9)	(0.8,14.5)	(5.3,35.8)	(2.0,32.3)	(3.8,16.9)	(6.5,29.1)	(5.4,13.2)	(0.7,4.3)	(0.6,11.7)	(18.7,44.7)	(28.6,89.6)	(8.0,69.6)	(13.1,33.0)	(7.2,28.8)		

SDI	Location	Sex	Year	Dietary risk	high sodium	high trans fatty acids	low polyunsaturated fatty acids	low seafood omega-3 fatty acids	low fiber	high sugar-sweetened beverages	high processed meat	high red meat	low nuts and seeds	low whole grains	low legumes	low vegetables	low fruits
			1990	232.9 (178.9,291.3)	4.8 (1.0,19.5)	30.8 (7.5,46.7)	21.5 (3.0,44.1)	15.2 (5.1,22.9)	18.7 (6.4,33.5)	7.8 (4.4,11.8)	2.6 (0.8,6.3)	14.8 (0.8,32.2)	30.8 (13.6,46.3)	88.8 (38.9,119.6)	64.9 (19.5,106.6)	37.3 (22.4,54.4)	25.2 (10.0,39.4)
		Female	2019	189.7 (141.4,244.5)	3.8 (0.8,15.7)	22.2 (2.4,34.1)	17.1 (2.3,35.9)	12.5 (4.2,19.2)	24.7 (9.8,42.3)	8.1 (4.7,12.3)	2.0 (0.7,4.8)	9.4 (0.7,20.1)	25.0 (10.7,37.6)	72.4 (31.0,99.9)	52.2 (15.9,88.4)	30.4 (18.4,44.5)	20.1 (7.9,31.8)
	Afghanistan		1990	275.8 (212.1,346.3)	10.3 (0.9,42.7)	33.4 (6.3,51.8)	25.2 (3.1,52.5)	17.8 (6.2,27.3)	22.0 (7.6,39.4)	11.4 (6.8,16.7)	2.9 (1.0,7.0)	17.6 (1.0,38.5)	39.1 (17.4,58.9)	105.0 (44.8,140.2)	77.1 (24.7,127.0)	44.1 (26.9,62.5)	29.2 (11.1,45.1)
		Male	2019	201.6 (149.7,247.6)	7.7 (0.7,30.7)	22.8 (2.0,33.4)	17.9 (2.4,37.1)	13.2 (4.4,19.5)	25.8 (10.6,43.3)	10.2 (6.4,14.6)	2.1 (0.8,4.9)	10.1 (0.7,21.4)	28.5 (12.7,42.7)	76.9 (33.6,101.7)	55.6 (18.3,94.8)	32.2 (19.5,45.2)	20.8 (8.1,33.0)

All numbers are age-standardized rates per 100,000 people. NAME=North Africa and Middle East, SDI=Socio-Demographic Index.

**Supplementary Table 6 - The ischemic heart disease disability-adjusted life years rates (95% uncertainty interval) attributed to dietary risks, by the NAME countries, SDI categories, sex and years.**

SDI	Location	Sex	Year	Dietary risk	high sodium	high trans fatty acids	low polyunsaturated fatty acids	low seafood omega-3 fatty acids	low fiber	high sugar-sweetened beverages	high processed meat	high red meat	low nuts and seeds	low whole grains	low legumes	low vegetables	low fruits	
High SDI	(Global)	Female	1990	1356.6 (1131.5,1551.8)	171.3 (41.6,406.8)	196.3 (22.6,265.0)	101.2 (14.1,204.7)	92.6 (41.6,121.3)	129.4 (56.4,204.1)	51.7 (34.7,65.7)	71.2 (12.0,132.3)	100.3 (15.3,184.4)	177.8 (94.3,240.8)	404.6 (153.8,519.8)	357.2 (87.4,539.8)	122.5 (68.7,174.0)	138.6 (59.2,201.6)	
			2019	883.4 (725.8,1045.3)	116.4 (21.0,286.4)	123.3 (15.6,169.6)	69.4 (8.9,142.4)	64.0 (28.6,84.6)	67.9 (28.7,111.5)	33.1 (20.1,44.2)	36.2 (8.6,70.2)	63.3 (10.1,117.0)	104.6 (52.8,144.5)	204.9 (44.5,334.0)	269.2 (102.0,355.1)	204.9 (44.5,334.0)	71.8 (40.9,99.8)	87.4 (36.5,129.2)
			1990	2445.1 (2062.9,2767.4)	414.1 (134.8,853.6)	553.4 (33.7,472.0)	178.0 (23.8,361.8)	164.6 (76.6,211.6)	227.6 (98.5,362.6)	97.2 (68.2,120.4)	124.1 (22.5,229.4)	324.8 (34.5,342.7)	744.3 (175.6,439.1)	615.4 (161.0,991.5)	526.0 (196.7,690.4)	396.0 (86.3,638.3)	224.4 (124.1,315.4)	245.6 (105.1,360.8)
			2019	1688.0 (1396.9,1962.7)	313.1 (91.3,634.5)	228.0 (24.1,312.8)	127.1 (15.0,259.9)	119.0 (55.7,156.1)	128.4 (54.7,209.8)	66.1 (42.0,86.5)	66.2 (16.4,128.0)	127.8 (23.1,229.5)	198.4 (107.2,275.9)	396.0 (86.3,638.3)	526.0 (196.7,690.4)	396.0 (86.3,638.3)	224.4 (124.1,315.4)	163.7 (68.5,246.5)
			1990	2687.1 (2177.5,3113.8)	66.0 (19.3,270.4)	462.6 (75.4,632.7)	224.0 (26.6,459.7)	203.6 (68.2,277.9)	118.7 (44.6,210.8)	87.5 (55.5,115.1)	39.4 (11.6,101.7)	151.2 (11.1,299.6)	384.5 (191.8,551.7)	1112.4 (456.3,1407.7)	1758 (96.1,253.8)	191.3 (70.1,300.7)		
		2019	1633.8 (1272.8,1961.7)	44.1 (12.6,181.5)	290.7 (28.1,410.0)	131.8 (16.2,280.4)	134.2 (60.2,182.9)	73.3 (29.8,129.1)	63.1 (36.0,88.0)	30.4 (7.5,84.7)	100.2 (7.4,199.9)	187.5 (85.8,275.8)	726.6 (297.9,938.6)	272.6 (101.4,9)	93.3 (33.5,152.2)			
		1990	4127.2 (3354.3,4773.3)	184.8 (17.6,754.3)	666.4 (87.0,910.1)	332.4 (37.6,689.3)	312.3 (115.5,422.3)	183.8 (69.2,323.1)	155.0 (107.7,197.8)	57.5 (18.0,145.6)	240.2 (16.8,481.1)	598.4 (302.6,840.8)	1086.5 (433.2,1406.9)	446.6 (89.4,753.8)	267.8 (144.8,390.6)	264.4 (90.4,422.2)		
		2019	2460.7 (1945.1,2961.3)	125.2 (12.0,482.5)	426.3 (34.4,605.7)	188.1 (21.2,393.8)	197.7 (96.7,267.0)	106.0 (42.5,183.6)	102.9 (62.7,141.5)	42.8 (11.0,115.3)	154.4 (10.9,314.3)	299.6 (140.2,446.6)	1086.5 (433.2,1406.9)	446.6 (89.4,753.8)	129.2 (65.9,187.7)	128.6 (46.7,211.5)		
		1990	1582.6 (1224.1,1892.9)	75.9 (6.7,321.1)	257.4 (60.4,373.0)	61.9 (9.6,144.6)	112.1 (68.8,142.7)	139.5 (45.8,251.3)	64.8 (30.9,99.4)	26.6 (6.7,71.6)	150.6 (9.7,307.0)	177.6 (61.3,275.4)	593.9 (196.9,783.5)	445.2 (88.9,747.5)	41.3 (9.0,77.6)	99.6 (27.2,164.3)		
		2019	460.8 (333.7,596.9)	228 (20,101.4)	69.5 (7.6,102.4)	15.0 (2.6,36.3)	32.7 (21.3,44.6)	28.6 (8.7,56.1)	21.9 (7.5,37.4)	9.0 (2.0,25.5)	44.9 (2.8,96.0)	33.7 (11.4,58.5)	176.4 (59.6,245.6)	129.5 (22.0,223.2)	6.2 (2.1,13.2)	35.6 (9.8,60.6)		
1990	2429.3 (1919.9,2861.8)	223.3 (10.4,697.6)	360.4 (65.8,518.2)	86.0 (13.3,199.8)	167.6 (107.6,207.1)	222.2 (75.9,393.3)	112.4 (61.5,158.7)	38.6 (9.9,101.5)	238.9 (15.6,485.9)	314.0 (117.2,466.1)	1190.3 (313.1,1198.7)	701.7 (158.8,1190.3)	71.3 (13.5,131.3)	149.9 (40.1,251.8)				
2019	1658.9 (1221.7,2150.0)	157.7 (7.1,493.8)	240.2 (22.2,349.5)	48.0 (8.2,120.2)	110.0 (70.1,153.8)	109.7 (34.8,201.5)	84.0 (29.8,139.6)	30.9 (6.4,87.9)	169.7 (11.2,358.5)	148.0 (50.9,241.8)	648.7 (220.9,908.8)	483.0 (89.7,839.4)	24.1 (7.2,51.5)	131.4 (39.0,228.9)				
1990	1852.9 (1269.1,2477.2)	59.3 (11.2,258.6)	341.0 (59.9,520.9)	73.6 (11.7,176.9)	140.9 (95.7,190.0)	48.2 (16.4,105.2)	110.5 (23.9,197.6)	58.3 (8.2,178.6)	223.0 (19.6,482.6)	21.5 (9.1,53.4)	826.5 (272.5,1186.5)	405.3 (41.3,722.2)	15.2 (8.4,28.1)	29.8 (9.9,59.6)				
2019	888.4 (623.5,1192.9)	29.6 (5.8,124.6)	159.1 (21.1,246.5)	59.7 (7.2,139.5)	78.6 (46.9,108.2)	35.3 (10.6,73.6)	44.8 (10.4,79.8)	24.9 (4.1,74.4)	85.2 (5.0,185.3)	11.1 (5.0,24.6)	433.4 (136.8,615.8)	21.7 (5.5,46.2)	75.3 (21.0,127.7)	49.3 (13.5,92.1)				
1990	2793.7 (11.6,706.6)	167.1 (11.6,706.6)	480.4 (70.7,749.5)	99.0 (15.7,244.4)	199.3 (132.4,273.1)	77.9 (26.1,168.0)	156.6 (32.6,281.2)	80.8 (11.6,246.1)	358.2 (36.5,722.9)	38.2 (14.5,99.1)	690.6 (81.7,1237.1)	690.6 (81.7,1237.1)	18.9 (11.7,30.9)	35.1 (14.1,67.1)				

SDI	Location	Sex	Year	Dietary risk	high sodium	high trans fatty acids	low polyunsaturated fatty acids	low saturated fatty acids	low seafood omega-3 fatty acids	low fiber	high sugared beverages	high processed meat	high red meat	low nuts and seeds	low whole grains	low legumes	low vegetables	low fruits
				(1923.2,3853.4)											(410.6,1792.4)			
			2019	1559.2	98.5	268.2	99.0	134.3	134.3	65.6	75.5	40.6	154.3	20.2	(252.2,1109.1)	46.9	141.1	81.2
				(1053.9,2141.6)	(7.4,386.5)	(28.2,424.2)	(11.6,243.3)	(75.4,193.0)	(20.4,138.5)	(17.1,134.8)	(6.6,122.9)	(8.2,353.7)	(10.2,101.0)	(41.2,249.8)	(20.6,156.2)			
			1990	2608.4	79.2	467.8	142.4	198.0	198.0	22.8	139.4	54.7	221.7	135.0	1191.4	552.5	37.3	60.2
		Female		(1802.5,3316.8)	(14.6,329.1)	(110.4,721.7)	(16.3,338.5)	(123.7,262.1)	(12.6,47.6)	(11.9,161.1)	(42.2,242.8)	(13.7,477.3)	(50.4,248.5)	(53.3,1001.3)	(421.7,1609.1)	(13.4,82.1)	(18.3,132.0)	
			2019	1690.6	51.0	287.9	69.6	144.6	144.6	12.3	112.8	38.5	147.5	97.1	(270.5,1068.6)	253.5	13.1	30.4
	Qatar			(1231.2,2152.1)	(11.5,208.5)	(34.1,419.5)	(11.0,174.5)	(87.7,203.2)	(8.5,22.7)	(9.3,107.1)	(32.2,207.5)	(10.2,316.4)	(38.7,178.0)	(27.3,484.0)	(270.5,1068.6)	(27.3,484.0)	(8.2,27.8)	(11.3,71.2)
		Male	1990	3695.1	198.9	597.5	182.0	265.5	265.5	35.3	188.2	68.3	304.7	246.9	(565.7,2237.4)	868.5	62.5	72.5
				(2647.7,4769.3)	(16.6,819.0)	(107.6,910.9)	(21.3,444.1)	(171.5,362.7)	(17.9,75.0)	(17.0,185.2)	(65.1,315.3)	(19.3,660.2)	(98.2,444.5)	(99.1,1536.9)	(565.7,2237.4)	(20.4,134.9)	(21.2,156.1)	
			2019	1398.6	76.7	222.1	49.4	111.2	111.2	10.4	90.9	28.8	122.3	102.3	(220.0,892.3)	261.1	11.3	21.4
				(989.2,1850.8)	(6.9,303.9)	(24.0,332.5)	(8.1,124.0)	(64.7,159.7)	(6.5,19.1)	(7.3,79.6)	(30.0,155.4)	(7.8,269.1)	(46.1,179.9)	(26.6,484.6)	(220.0,892.3)	(26.6,484.6)	(6.1,23.9)	(8.1,45.1)
			1990	1354.3	31.3	141.0	158.6	124.4	124.4	12.6	45.4	24.4	97.1	48.8	750.9	192.2	7.2	40.3
		Female		(988.6,1670.3)	(9.4,122.5)	(20.0,227.1)	(18.1,329.5)	(38.7,180.1)	(7.2,23.1)	(14.1,76.6)	(6.2,63.2)	(6.9,198.0)	(15.3,97.5)	(16.3,351.2)	(323.3,965.8)	(16.3,351.2)	(5.8,10.1)	(10.5,78.1)
			2019	559.4	14.0	60.1	60.0	55.1	55.1	7.3	26.8	12.9	42.7	10.9	(345.7,9.6)	9.6	3.2	10.4
				(373.3,723.7)	(4.5,58.5)	(10.0,102.9)	(5.9,132.6)	(27.4,77.5)	(3.6,14.7)	(2.9,35.7)	(6.5,46.9)	(3.2,89.8)	(3.9,24.5)	(150.6,457.9)	(345.7,9.6)	(3.1,24.5)	(2.6,4.1)	(3.7,21.5)
	Turkey		1990	3092.0	120.5	298.6	353.9	278.9	278.9	29.6	99.5	51.2	227.6	152.5	(705.3,2174.7)	593.1	14.9	81.4
		Male		(2268.6,3917.0)	(13.4,540.3)	(34.9,461.0)	(35.6,752.1)	(87.0,400.9)	(15.6,55.5)	(34.4,165.5)	(13.3,135.5)	(14.4,469.9)	(46.1,278.7)	(55.2,1048.7)	(705.3,2174.7)	(55.2,1048.7)	(11.9,19.8)	(19.9,159.0)
			2019	1102.7	49.4	111.5	117.7	107.8	107.8	12.6	52.1	24.5	90.6	25.1	(683.0,25.7)	25.7	5.8	16.4
				(739.1,1471.1)	(5.6,227.2)	(13.8,186.8)	(11.0,263.7)	(54.4,150.7)	(6.4,23.8)	(13.4,90.7)	(5.3,68.4)	(6.0,194.3)	(9.3,52.5)	(6.8,57.6)	(683.0,25.7)	(6.8,57.6)	(4.6,7.4)	(6.6,33.2)
			1979.2															
High-middle income SDI			1990	1483.5	51.4	307.4	131.3	144.5	144.5	200.8	66.0	28.7	111.9	102.2	(378.2,1145.7)	488.4	156.7	155.2
		Female		(1148.3,2421.0)	(10.2,217.1)	(76.3,461.4)	(14.1,294.4)	(78.2,193.6)	(69.0,343.1)	(31.9,99.8)	(7.8,76.8)	(8.1,228.1)	(28.2,185.9)	(67.6,835.0)	(378.2,1145.7)	(67.6,835.0)	(52.3,253.8)	(47.7,250.3)
			2019	827.3	21.6	116.6	34.3	61.7	61.7	64.6	26.1	13.5	47.4	31.2	(387.8,202.0)	202.0	58.7	71.9
	Jordan			(610.0,1058.5)	(4.3,90.4)	(13.5,171.4)	(5.1,80.4)	(36.4,83.0)	(20.5,125.4)	(10.1,43.4)	(3.4,37.2)	(3.6,99.9)	(8.4,63.3)	(167.9,516.1)	(387.8,202.0)	(26.2,349.7)	(18.6,96.8)	(21.2,118.9)
		Male	1990	2725.1	126.6	395.1	177.3	200.5	200.5	287.4	103.8	38.8	164.5	180.4	(525.1,1625.8)	711.5	225.6	211.4
				(2108.4,3379.1)	(10.0,507.1)	(75.0,602.3)	(18.1,400.1)	(114.5,270.7)	(103.0,495.6)	(54.6,154.0)	(10.2,97.6)	(10.7,333.1)	(55.0,315.0)	(117.4,1219.1)	(525.1,1625.8)	(117.4,1219.1)	(78.4,362.5)	(61.8,353.5)
			2019	1475.5	73.0	204.6	56.0	107.8	107.8	121.7	51.8	23.4	90.5	73.3	(693.5,384.0)	384.0	111.0	129.4
				(1089.8,1928.9)	(5.7,287.7)	(19.7,300.4)	(8.0,133.8)	(60.5,148.8)	(38.3,220.6)	(21.3,83.9)	(5.5,66.3)	(5.8,195.3)	(21.8,143.1)	(301.8,939.2)	(693.5,384.0)	(33.9,186.3)	(33.9,186.3)	(38.1,218.9)
			1973.9															
		Female	1990	3220.7	90.8	535.9	217.3	243.9	243.9	61.6	121.4	57.4	228.8	239.4	(527.3,1816.6)	1048.8	134.9	118.0
	Bahrain			(2476.0,3858.9)	(17.3,385.2)	(127.6,783.5)	(21.3,481.1)	(134.4,317.9)	(21.8,139.5)	(44.2,195.8)	(13.9,158.8)	(15.5,474.9)	(92.5,406.9)	(104.8,1312.9)	(527.3,1816.6)	(104.8,1312.9)	(34.1,246.6)	(32.6,233.2)
			2019	959.9	28.1	149.6	57.5	78.5	78.5	14.7	42.2	18.6	70.8	60.1	(428.8,208.8)	208.8	26.3	31.7
				(5.7,118.7)	(16.5,211.0)	(16.5,211.0)	(6.4,133.6)	(47.0,106.6)	(5.7,32.0)	(14.5,71.3)	(4.5,52.2)	(4.9,148.6)	(22.3,110.1)	(156.1,584.0)	(428.8,208.8)	(24.3,371.9)	(7.2,52.7)	(8.3,63.2)

SDI	Location	Sex	Year	Dietary risk	high sodium	high trans fatty acids	low polyunsaturated fatty acids	low seafood omega-3 fatty acids	low fiber	high sugar-sweetened beverages	high processed meat	high red meat	low nuts and seeds	low whole grains	low legumes	low vegetables	low fruits
				(711.2,1208.6)													
			1990	48099 (3668.8,5854.4)	731.7 (148.3,1066.4)	310.8 (30.5,709.6)	359.3 (213.4,461.9)	104.8 (35.3,229.2)	198.8 (91.7,309.7)	79.0 (19.8,209.2)	351.9 (21.8,736.7)	443.3 (175.4,745.3)	2102.5 (783.6,2683.7)	1228.3 (166.7,2091.6)	220.1 (55.7,407.2)	170.1 (43.4,324.9)	
		Male	2019	1292.4 (950.8,1691.4)	68.5 (5.7,271.1)	191.5 (19.1,282.4)	71.9 (7.8,167.7)	101.6 (63.0,141.3)	21.2 (8.1,48.3)	60.1 (24.5,99.0)	23.1 (5.6,63.4)	97.6 (6.1,211.1)	572.8 (42.4,175.6)	309.9 (38.6,551.3)	39.6 (10.8,80.1)	38.5 (11.1,73.8)	
			1990	1938.4 (1368.6,2381.3)	62.7 (12.5,261.7)	318.5 (18.3,456.7)	45.9 (12.9,104.8)	179.6 (100.1,241.9)	28.4 (12.3,56.9)	79.9 (34.7,126.9)	39.7 (9.8,106.6)	176.0 (10.6,358.4)	22.3 (10.8,49.9)	198.3 (22.6,378.7)	11.9 (9.0,19.0)	22.9 (11.2,40.3)	
	Lebanon	Female	2019	1286.0 (815.5,1616.3)	36.3 (7.5,152.4)	200.8 (11.2,291.8)	39.3 (8.0,96.7)	102.6 (52.9,140.6)	26.8 (8.8,56.9)	51.4 (20.4,81.8)	24.1 (5.6,67.0)	113.7 (6.7,241.2)	12.1 (6.0,24.3)	287.4 (28.8,517.1)	8.0 (4.6,14.0)	33.5 (9.1,69.6)	
		Male	1990	4009.2 (2980.0,5059.9)	236.9 (18.3,957.8)	631.2 (33.8,908.3)	78.5 (23.9,176.2)	354.7 (214.6,480.2)	63.5 (26.8,128.1)	178.2 (87.8,273.0)	75.7 (18.5,202.9)	366.4 (19.9,762.3)	56.1 (23.3,129.6)	620.0 (56.0,1127.1)	21.6 (16.6,31.3)	37.1 (19.3,64.2)	
			2019	3022.8 (2136.9,3808.4)	172.6 (13.5,673.9)	463.2 (23.4,660.7)	81.5 (17.4,199.4)	232.7 (132.9,312.1)	67.1 (21.6,138.0)	134.0 (66.8,207.3)	53.0 (13.1,146.2)	273.2 (15.1,578.5)	31.6 (15.6,62.7)	752.9 (90.9,1293.2)	17.8 (11.6,30.3)	71.3 (18.6,144.1)	
			1990	1682.1 (1262.2,2153.4)	47.6 (8.5,196.2)	279.9 (64.2,434.2)	46.5 (8.0,116.2)	132.4 (58.6,187.9)	60.3 (17.9,123.3)	63.7 (22.0,105.9)	31.0 (6.6,89.0)	139.9 (7.4,296.9)	61.4 (18.5,118.4)	468.5 (78.1,819.5)	75.4 (13.6,132.6)	92.0 (23.8,165.3)	
	Libya	Female	2019	1527.3 (1107.1,2009.8)	41.3 (7.5,177.1)	217.3 (23.9,329.0)	44.9 (10.1,100.2)	120.2 (45.0,180.5)	93.8 (28.8,187.5)	54.3 (24.1,86.9)	25.5 (5.7,72.7)	93.9 (6.2,201.7)	143.2 (48.8,240.7)	441.4 (103.3,765.2)	103.2 (30.3,174.7)	97.2 (25.7,175.5)	
		Male	1990	2185.7 (1565.7,3004.3)	110.7 (8.2,468.5)	334.9 (65.7,533.0)	52.0 (9.7,135.8)	170.3 (86.0,253.6)	86.2 (25.8,174.4)	88.5 (37.9,148.0)	36.3 (8.4,101.4)	183.0 (9.2,405.3)	112.7 (33.6,207.6)	908.8 (615.1)	110.2 (22.7,206.6)	110.7 (27.2,203.1)	
			2019	2093.4 (1464.1,3040.0)	108.4 (7.6,420.4)	285.7 (28.5,450.9)	55.5 (12.3,122.3)	161.9 (70.3,249.7)	134.8 (44.3,263.3)	85.7 (44.4,133.7)	31.8 (7.6,90.4)	129.5 (8.1,289.5)	233.7 (84.3,400.9)	153.7 (153.7,1109.6)	149.7 (45.0,258.5)	125.7 (31.0,230.4)	
			1990	2278.1 (1714.8,2934.1)	56.9 (10.7,235.8)	284.2 (46.0,454.1)	183.8 (17.8,397.3)	162.2 (95.3,221.0)	70.7 (21.2,144.3)	98.5 (22.5,172.3)	33.8 (8.4,88.7)	127.1 (8.8,271.7)	390.8 (168.7,585.6)	698.3 (186.2,1163.8)	161.7 (48.9,278.9)	113.7 (27.3,208.8)	
	Saudi Arabia	Female	2019	1758.2 (1290.5,2256.6)	44.5 (8.5,183.9)	184.1 (21.8,286.0)	152.7 (14.4,330.8)	125.8 (75.5,174.7)	45.0 (13.6,96.3)	118.8 (22.0,203.7)	31.9 (6.4,92.3)	96.9 (7.0,206.2)	239.7 (92.5,374.8)	482.8 (82.6,847.6)	146.2 (49.6,240.6)	139.4 (40.1,242.6)	
		Male	1990	2862.8 (2101.2,3771.5)	133.2 (10.2,550.6)	335.1 (41.2,523.5)	222.1 (22.1,485.9)	199.5 (122.5,278.7)	94.9 (29.3,190.7)	112.0 (31.8,194.6)	38.7 (10.5,100.4)	160.2 (10.8,338.1)	518.9 (231.1,773.1)	888.8 (241.5,1518.6)	212.0 (66.8,356.1)	129.0 (30.2,241.2)	
			2019	2596.1 (1951.3,3261.9)	129.2 (10.1,509.2)	256.4 (28.2,379.5)	216.6 (20.3,467.8)	183.3 (107.0,250.0)	71.1 (22.0,146.6)	151.6 (29.4,262.9)	42.1 (9.5,118.1)	143.4 (10.4,298.5)	389.5 (163.6,604.2)	726.3 (151.4,1259.7)	223.7 (76.9,359.5)	194.2 (56.9,330.0)	

SDI	Location	Sex	Year	Dietary risk	high sodium	high trans fatty acids	low polyunsaturated fatty acids	low seafood omega-3 fatty acids	low fiber	high sugar-sweetened beverages	high processed meat	high red meat	low nuts and seeds	low whole grains	low legumes	low vegetables	low fruits
Middle SDI	Oman	Female	1990	4241.9 (3288.4,5463.9)	99.8 (19.6,410.2)	619.8 (147.8,972.9)	389.7 (46.7,831.6)	288.0 (135.1,411.1)	294.9 (91.5,553.7)	239.0 (148.2,336.7)	54.4 (16.3,134.8)	292.9 (16.6,625.8)	924.8 (556.4,1293.7)	1482.6 (480.9,2085.0)	1098.0 (233.4,1886.1)	277.7 (86.6,478.2)	153.1 (36.5,284.8)
			2019	2400.5 (1874.5,2931.0)	64.0 (12.8,274.9)	331.3 (36.7,473.1)	235.1 (28.9,483.5)	173.3 (106.6,225.3)	68.2 (21.3,142.0)	109.0 (56.0,158.3)	37.0 (10.4,98.1)	196.3 (11.8,414.7)	406.9 (183.9,581.4)	817.9 (281.0,1098.6)	618.1 (109.3,1053.7)	138.6 (34.8,231.7)	62.4 (18.2,115.9)
			1990	5930.3 (4440.0,7752.2)	246.4 (20.0,1091.7)	799.9 (148.8,1261.5)	538.9 (61.0,1122.5)	399.8 (206.2,578.0)	425.8 (141.6,783.4)	395.3 (263.0,535.5)	74.3 (22.5,184.9)	415.7 (23.1,903.2)	1307.9 (781.2,1806.6)	2093.7 (347.6,1390.1)	1583.7 (388.5,2719.8)	794.2 (103.4,1374.9)	408.3 (133.7,694.7)
		Male	2019	3038.6 (2336.0,3761.7)	139.1 (12.6,566.8)	398.3 (39.2,581.5)	286.5 (31.7,589.1)	212.8 (136.8,272.6)	94.9 (31.1,196.9)	166.4 (99.6,237.8)	43.4 (13.3,108.8)	243.7 (14.4,510.1)	540.8 (250.2,786.2)	1034.1 (347.6,1390.1)	794.2 (161.8,1374.9)	186.0 (54.0,304.6)	67.7 (21.0,129.0)
			1990	1614.8 (1192.5,2021.1)	43.6 (8.5,179.8)	164.6 (18.1,251.3)	79.7 (9.7,188.5)	130.7 (41.6,188.3)	39.9 (13.1,82.9)	49.4 (17.2,82.8)	28.4 (6.6,76.6)	97.8 (7.2,199.3)	99.8 (32.4,171.9)	741.0 (300.2,967.9)	421.5 (57.6,726.6)	119.9 (37.3,197.6)	126.8 (37.3,213.1)
			2019	1067.4 (723.4,1457.1)	31.6 (6.0,137.6)	105.1 (14.4,178.0)	67.3 (7.8,158.6)	90.6 (34.8,140.3)	17.6 (6.6,38.1)	42.2 (12.1,77.6)	21.7 (4.6,62.4)	66.9 (5.1,145.8)	37.0 (11.3,75.8)	527.2 (205.9,746.7)	256.2 (27.1,470.9)	26.2 (7.2,50.4)	58.0 (14.7,112.3)
	Tunisia	Female	1990	2687.9 (2032.6,3331.0)	130.9 (10.9,536.1)	264.8 (26.8,391.0)	120.4 (15.4,289.4)	215.8 (68.7,306.9)	72.4 (24.0,148.1)	82.7 (32.1,133.7)	43.4 (10.6,113.7)	166.7 (11.3,345.8)	212.5 (76.1,354.9)	971.9 (466.6,1597.9)	520.7 (62.3,963.7)	209.1 (65.4,336.8)	200.7 (56.2,338.8)
			2019	2000.7 (1346.3,2752.0)	107.1 (8.6,431.0)	185.2 (19.4,305.3)	117.7 (13.1,290.8)	166.2 (71.2,257.5)	35.8 (12.8,77.9)	79.0 (24.7,146.6)	36.9 (8.1,105.9)	127.9 (8.8,282.6)	92.2 (29.3,178.7)	376.9 (376.9,1406.9)	520.7 (62.3,963.7)	53.3 (13.5,105.5)	100.9 (23.5,196.5)
			1990	2345.2 (1885.3,2718.3)	57.0 (15.6,229.2)	509.5 (55.5,690.6)	93.3 (13.9,210.1)	173.4 (61.2,236.7)	134.6 (46.9,249.8)	94.5 (54.4,130.2)	34.7 (10.4,91.0)	133.4 (9.2,267.5)	274.8 (117.1,403.8)	1005.1 (445.4,1255.5)	618.7 (138.6,1038.0)	172.9 (66.5,267.2)	77.9 (24.6,133.3)
		Male	2019	1133.8 (875.4,1335.0)	29.2 (8.3,120.1)	255.0 (17.0,343.1)	43.8 (7.0,99.1)	88.5 (44.1,114.9)	35.3 (12.3,66.5)	51.6 (30.2,72.2)	18.6 (5.5,47.7)	59.0 (5.0,116.2)	58.5 (24.9,94.5)	524.1 (232.0,648.8)	295.2 (52.9,491.5)	25.2 (8.1,44.3)	27.6 (9.2,49.1)
			1990	3786.9 (3082.5,4390.2)	174.6 (16.4,669.8)	817.3 (67.7,1128.4)	137.3 (20.8,315.1)	279.3 (103.6,382.3)	222.8 (81.9,396.2)	168.7 (107.4,222.9)	53.1 (16.5,135.4)	222.3 (14.4,451.4)	495.9 (227.5,720.0)	1613.6 (701.0,1981.1)	1028.9 (264.1,1724.5)	291.3 (115.5,453.6)	113.5 (34.9,195.2)
			2019	1807.6 (1422.3,2105.1)	91.0 (9.3,347.5)	413.0 (24.1,553.9)	64.6 (10.8,147.7)	140.2 (72.3,178.9)	58.6 (21.1,110.2)	89.2 (55.9,122.4)	28.6 (8.4,73.9)	99.7 (7.6,196.5)	106.2 (48.1,167.2)	361.9 (361.9,1036.0)	493.0 (99.9,826.3)	38.9 (12.1,67.6)	39.7 (13.1,69.7)
Algeria	Female	1990	3463.8 (2707.4,4307.9)	75.8 (16.6,313.4)	458.9 (71.9,683.4)	236.1 (23.3,518.2)	244.1 (78.5,356.3)	299.9 (103.1,551.6)	123.3 (65.2,182.6)	45.9 (12.7,120.4)	154.8 (13.1,315.3)	733.9 (457.9,1005.0)	797.1 (565.4,1816.8)	371.5 (172.7,581.1)	341.3 (119.2,520.1)		
		2019	1823.5 (1375.0,2321.0)	42.2 (9.4,168.4)	209.2 (29.4,329.7)	106.4 (12.5,240.3)	138.2 (45.4,202.5)	57.6 (18.0,113.6)	60.0 (23.2,101.7)	29.4 (7.0,81.6)	98.8 (7.6,206.9)	336.4 (161.3,490.5)	779.5 (318.1,1061.6)	395.2 (46.7,689.2)	105.5 (30.6,183.8)		
		1990	4574.3 (3536.1,5798.1)	192.3 (15.4,799.4)	579.5 (74.3,863.5)	303.0 (29.8,661.9)	322.4 (105.1,480.0)	394.3 (138.5,729.0)	195.1 (114.6,283.7)	58.5 (16.4,147.6)	214.4 (16.1,450.6)	607.1 (607.1,1391.8)	1241.3 (713.1,2413.8)	1916.8 (186.9,1916.8)	503.9 (233.9,792.4)	448.9 (149.6,716.3)	

SDI	Location	Sex	Year	Dietary risk	high sodium	high trans fatty acids	low polyunsaturated fatty acids	low seafood omega-3 fatty acids	low fiber	high sugar-sweetened beverages	high processed meat	high red meat	low nuts and seeds	low whole grains	low legumes	low vegetables	low fruits
			2019	2154.3 (1574.2,2826.5)	100.2 (82.4,03.6)	233.3 (30.4,368.0)	116.8 (13.3,269.7)	162.7 (51.1,246.7)	69.6 (22.1,143.9)	77.0 (33.7,125.7)	32.7 (7.9,89.9)	122.8 (8.1,271.0)	418.4 (208.5,635.0)	920.1 (370.7,1274.5)	502.6 (62.1,922.4)	164.7 (33.8,280.0)	111.3 (29.6,204.3)
			1990	2693.6 (2044.4,3321.9)	70.6 (12.9,294.2)	418.5 (94.6,641.4)	219.3 (20.5,488.0)	205.0 (63.7,295.5)	71.7 (23.2,147.9)	93.7 (45.6,145.6)	40.2 (10.0,105.9)	107.4 (10.7,215.5)	607.7 (353.5,842.0)	1129.2 (432.3,1496.0)	514.1 (48.2,883.0)	93.9 (18.3,173.2)	182.4 (51.6,309.8)
	Iraq	Female	2019	1457.5,2442.9	49.6 (9.6,204.8)	261.4 (27.6,385.8)	119.1 (14.4,261.9)	150.7 (56.7,222.9)	138.3 (44.6,269.3)	86.2 (51.5,128.7)	27.6 (7.6,71.3)	55.4 (7.7,111.4)	454.6 (277.3,641.5)	1034.3 (278.0,1034.3)	442.0 (56.9,784.5)	56.0 (12.9,106.9)	181.0 (60.7,295.9)
		Male	1990	3204.7,5355.1	205.8 (15.1,843.9)	603.9 (112.9,919.9)	333.1 (30.5,731.4)	320.8 (115.6,475.8)	119.5 (38.7,242.8)	171.5 (96.8,251.2)	60.0 (15.9,104.3)	171.6 (16.3,347.6)	975.0 (572.4,1349.2)	1748.0 (657.8,2320.3)	911.3 (91.7,1570.0)	164.9 (30.9,294.9)	267.5 (71.6,463.9)
			2019	2492.2,4149.9	163.8 (12.6,634.6)	429.5 (38.6,624.8)	191.1 (23.8,423.6)	256.0 (104.1,371.6)	236.7 (79.1,456.3)	172.5 (105.9,241.3)	44.1 (12.8,113.5)	95.5 (12.7,193.4)	489.7 (489.7,1088.6)	1288.5 (465.2,1758.0)	104.4 (114.6,1402.1)	104.4 (24.0,196.0)	299.7 (98.5,497.4)
			1990	2400.3,4182.4	86.4 (17.0,359.0)	549.1 (122.8,846.2)	342.8 (35.0,738.1)	274.7 (90.5,418.0)	233.2 (73.1,431.4)	93.0 (35.6,154.5)	56.2 (12.7,155.8)	231.3 (13.4,487.4)	45.6 (13.0,133.5)	1515.6 (605.6,2011.7)	816.0 (90.5,1407.4)	179.9 (42.3,312.5)	169.3 (40.2,307.2)
	Syrian Arab Republic	Female	2019	2002.3,3695.4	70.0 (14.9,298.8)	400.9 (43.1,605.7)	232.8 (23.1,509.2)	228.7 (71.2,344.7)	210.1 (72.2,419.6)	84.0 (34.4,141.1)	44.9 (10.9,122.5)	168.1 (11.9,358.7)	46.1 (12.5,119.5)	1764.6 (541.4,1764.6)	698.4 (94.0,1238.9)	263.9 (94.7,435.5)	181.5 (49.9,328.7)
		Male	1990	3451.9,6109.3	234.6 (17.6,978.6)	739.9 (136.5,1150.7)	492.5 (50.6,1042.1)	397.1 (129.9,593.6)	343.5 (113.4,627.7)	140.4 (57.1,235.6)	76.6 (17.8,210.0)	346.0 (19.1,733.0)	76.1 (19.7,221.7)	2169.7 (834.1,2931.4)	1253.9 (164.2,2164.7)	275.4 (53.2,477.9)	220.5 (50.1,400.5)
			2019	2769.5,5293.3	193.6 (14.9,768.6)	545.9 (50.8,825.2)	315.7 (30.9,702.6)	318.2 (104.7,487.6)	291.6 (94.1,566.8)	129.9 (59.3,208.8)	60.4 (14.4,102.4)	246.9 (15.9,538.1)	71.9 (17.5,183.8)	1794.5 (733.3,2523.5)	1031.2 (147.5,1826.6)	385.2 (146.4,631.8)	242.7 (61.8,428.8)
			1990	2898.0,4473.8	95.4 (18.3,409.4)	933.1 (100.4,1288.1)	364.7 (41.4,748.0)	281.3 (97.5,393.6)	43.2 (19.6,83.3)	97.3 (49.1,147.3)	60.0 (14.3,164.6)	199.7 (15.3,403.5)	639.4 (274.7,934.2)	1251.5 (428.2,1676.1)	914.0 (131.7,1558.9)	43.3 (15.9,84.9)	272.4 (78.9,450.0)
	Egypt	Female	2019	1922.1,3732.7	89.9 (17.3,390.5)	850.6 (52.4,1281.8)	306.5 (30.3,667.1)	253.1 (135.0,372.7)	21.8 (13.3,39.3)	86.6 (30.4,148.7)	72.6 (12.6,221.3)	211.8 (14.5,458.3)	304.1 (94.3,548.3)	1076.0 (367.9,1583.6)	133.0 (21.1,289.2)	15.2 (11.1,22.9)	104.5 (27.0,202.7)
		Male	1990	3912.0,5844.8	232.0 (18.7,938.0)	1215.6 (99.6,1679.5)	471.4 (48.0,968.8)	364.9 (149.0,498.0)	63.2 (26.2,126.3)	155.3 (88.9,227.9)	73.7 (18.2,192.8)	267.4 (19.7,524.7)	398.7 (398.7,1256.4)	1685.0 (568.6,2229.3)	1253.1 (197.4,2096.9)	65.1 (20.3,129.8)	339.5 (97.2,565.3)
			2019	2325.3,4744.8	199.2 (14.8,788.6)	1021.1 (49.7,1594.0)	357.9 (33.9,781.3)	294.0 (161.3,429.5)	27.4 (15.2,50.1)	103.1 (40.9,173.7)	81.6 (13.6,247.1)	264.8 (16.0,577.3)	429.1 (142.1,720.0)	1330.1 (447.6,1987.1)	228.4 (26.6,484.9)	16.2 (12.0,22.1)	110.6 (27.8,226.8)
	Low-middlle SDI	Female	1990	1938.5,3153.4	55.2 (10.5,225.9)	336.5 (78.1,520.2)	244.3 (36.4,499.0)	180.7 (68.7,273.5)	321.1 (126.7,530.1)	123.6 (76.2,178.2)	27.7 (9.1,68.0)	96.2 (8.8,199.4)	380.5 (166.5,570.7)	969.3 (429.9,1304.2)	647.7 (170.4,1107.5)	383.1 (229.0,547.9)	213.8 (72.4,346.3)
		Male	2019	1169.5,1853.2	37.1 (7.6,154.7)	202.7 (22.6,288.1)	120.3 (12.7,259.6)	116.4 (43.0,165.9)	226.8 (96.0,357.6)	94.7 (63.7,130.7)	18.7 (6.6,43.7)	58.1 (6.4,116.5)	111.7 (37.8,185.8)	646.3 (272.4,840.4)	416.8 (104.9,704.4)	100.1 (36.6,160.7)	122.3 (38.8,203.9)

SDI	Location	Sex	Year	Dietary risk	high sodium	high trans fatty acids	low polyunsaturated fatty acids	low seafood omega-3 fatty acids	low fiber	high sugar-sweetened beverages	high processed meat	high red meat	low nuts and seeds	low whole grains	low legumes	low vegetables	low fruits
				4731.6 (3621.4,5991.2)	190.4 (14.6,765.0)	594.1 (108.8,907.9)	466.4 (69.5,973.6)	347.9 (129.8,517.1)	619.7 (249.3,1029.2)	268.0 (179.0,371.8)	52.3 (16.9,127.1)	190.2 (15.9,394.1)	771.1 (360.0,1156.7)	1835.8 (786.6,2456.5)	1267.1 (347.8,2151.7)	739.8 (440.1,1067.7)	398.0 (133.1,642.1)
		Male	2019	2644.4 (2064.9,3212.9)	120.1 (10.3,475.8)	342.3 (34.7,485.9)	204.2 (20.1,445.4)	203.0 (70.4,285.5)	400.5 (164.2,639.8)	182.1 (131.7,236.8)	32.0 (10.9,75.8)	105.5 (10.7,211.5)	231.2 (73.6,382.6)	1114.5 (456.1,1453.8)	747.1 (184.7,1255.2)	178.1 (62.3,285.6)	206.4 (66.5,338.3)
				2879.6 (2275.5,3517.6)	75.3 (13.5,313.1)	426.9 (101.3,652.0)	180.8 (17.8,402.2)	208.6 (63.8,295.7)	14.7 (10.7,22.4)	74.1 (40.1,111.8)	30.3 (12.6,64.1)	144.6 (10.9,292.4)	529.9 (266.1,761.9)	544.5 (110.8,1615.6)	590.1 (65.3,1009.9)	275.1 (110.8,428.9)	246.6 (75.7,400.5)
	Morocco	Female	2019	1939.9 (1433.1,2501.6)	59.2 (11.2,252.0)	310.8 (34.9,466.0)	123.9 (13.3,288.1)	167.1 (74.8,238.5)	11.3 (8.2,16.6)	48.3 (21.9,77.8)	34.4 (8.2,95.5)	139.6 (9.2,300.8)	288.2 (119.1,449.7)	436.2 (43.6,1400.4)	74.1 (11.9,173.0)	87.6 (19.7,161.5)	70.7 (18.1,139.3)
		Male	1990	4173.4 (3251.0,5150.3)	193.4 (14.4,786.7)	569.5 (111.6,861.0)	250.1 (25.8,548.3)	300.5 (97.1,436.5)	23.0 (15.3,37.6)	140.8 (87.3,204.3)	40.9 (18.7,83.2)	214.3 (15.1,441.6)	416.1 (77.1,2363.9)	1795.0 (771.7,2636.9)	921.6 (116.5,1581.7)	413.5 (178.8,659.3)	345.6 (106.2,572.8)
		Male	2019	2829.5 (2007.2,3577.9)	160.2 (12.2,648.4)	425.9 (42.9,629.0)	163.2 (17.5,377.6)	232.0 (108.8,319.3)	16.6 (11.4,26.0)	79.9 (42.2,119.7)	44.2 (12.0,115.3)	199.4 (13.2,431.8)	454.2 (195.2,690.0)	597.1 (22.4,426.1)	199.4 (22.4,426.1)	138.0 (29.1,244.6)	82.4 (21.1,168.3)
				3695.7 (2813.9,4625.3)	89.3 (15.5,382.1)	521.0 (118.0,809.6)	328.7 (36.6,680.8)	267.0 (91.5,395.7)	412.1 (148.7,718.8)	119.6 (65.7,189.9)	45.6 (12.6,120.1)	171.9 (12.8,369.6)	651.0 (343.9,976.9)	1489.3 (639.3,1985.2)	941.5 (206.5,1618.2)	417.3 (198.0,632.0)	366.0 (125.0,593.2)
		Female	2019	2483.9 (1815.9,3317.4)	62.3 (11.2,258.7)	320.3 (33.3,498.3)	206.3 (21.9,462.2)	189.8 (71.7,299.5)	215.8 (68.7,429.9)	82.6 (43.3,128.9)	33.4 (8.8,91.1)	120.0 (8.7,264.6)	390.4 (166.5,627.1)	1027.0 (439.0,1478.8)	610.7 (110.5,1128.7)	243.3 (100.3,402.9)	215.3 (66.0,375.3)
	Sudan	Male	1990	5578.4 (4119.2,7256.0)	240.5 (17.8,979.2)	133.3 (133.3,1122.8)	493.9 (52.7,1053.9)	407.5 (135.4,609.5)	632.6 (237.9,1065.1)	211.9 (125.5,320.3)	67.2 (19.0,165.0)	264.9 (18.2,574.2)	1008.1 (58.6,1500.0)	2243.5 (933.4,3070.5)	1473.8 (354.2,2578.6)	650.7 (322.3,1014.6)	542.2 (189.1,890.1)
		Male	2019	3588.6 (2496.6,4757.0)	166.0 (11.6,659.9)	451.2 (39.8,705.7)	292.6 (29.5,639.1)	274.9 (103.4,427.1)	319.6 (105.4,599.9)	138.7 (78.0,219.5)	46.7 (11.7,127.3)	178.7 (12.2,402.8)	603.9 (249.3,955.4)	602.2 (183.6,1704.4)	913.7 (147.4,597.8)	363.7 (147.4,597.8)	304.4 (99.9,536.4)
				3653.5 (2709.4,4638.3)	79.4 (14.8,321.9)	499.6 (113.3,773.1)	352.3 (45.4,743.9)	246.2 (82.7,382.0)	368.6 (132.0,631.8)	174.6 (104.3,254.2)	41.3 (12.9,102.4)	132.4 (12.1,276.9)	681.5 (393.5,999.8)	1444.8 (608.2,1966.7)	871.7 (165.3,1527.5)	495.7 (276.4,732.5)	416.9 (164.5,648.5)
		Female	2019	2920.8 (2225.7,3888.6)	63.0 (11.7,266.7)	349.2 (38.6,548.6)	277.7 (39.0,589.2)	213.1 (74.0,323.2)	334.8 (127.7,593.1)	154.1 (98.7,222.0)	32.7 (10.1,81.1)	109.3 (9.6,239.0)	529.4 (287.5,792.1)	1151.6 (485.0,1648.5)	705.8 (147.9,1256.9)	409.2 (231.7,618.9)	327.1 (124.8,512.7)
	Yemen	Male	1990	5910.0 (4318.6,7763.2)	233.6 (17.8,999.1)	139.9 (139.9,1185.4)	571.8 (69.6,1220.1)	401.1 (131.2,636.9)	606.4 (215.5,1064.9)	327.8 (212.7,481.1)	65.2 (20.3,168.9)	221.0 (18.8,474.5)	1098.2 (633.6,1678.7)	2368.5 (999.7,3281.1)	1464.9 (333.4,2601.5)	820.2 (466.8,1217.8)	675.1 (259.0,1083.9)
		Male	2019	4464.1 (3327.2,6050.9)	177.3 (13.9,735.9)	521.4 (50.3,817.8)	422.9 (57.9,881.2)	329.2 (120.3,510.4)	517.8 (194.3,913.6)	268.3 (178.8,386.1)	49.0 (15.7,122.6)	172.8 (14.2,377.3)	486.4 (758.5,2547.9)	1768.8 (265.2,2014.1)	1116.4 (63.4,2014.1)	638.4 (354.3,963.7)	497.9 (191.6,796.1)
	Afghanistan	Female	1990	5494.6 (4053.0,7227.6)	114.4 (167.4,1217.4)	748.3 (167.4,1217.4)	541.7 (69.8,1158.3)	377.5 (119.5,591.0)	454.8 (146.3,845.3)	167.2 (93.5,257.7)	65.8 (17.6,174.1)	389.1 (18.6,857.2)	751.0 (306.1,1157.9)	2163.9 (910.5,3011.3)	1612.4 (478.2,2723.4)	934.2 (561.2,1398.0)	638.3 (254.4,1030.7)

SDI	Location	Sex	Year	Dietary risk	high sodium	high trans fatty acids	low polyunsaturated fatty acids	low seafood omega-3 fatty acids	low fiber	high sugar-sweetened beverages	high processed meat	high red meat	low nuts and seeds	low whole grains	low legumes	low vegetables	low fruits
			2019	4192.3 (3030.1,5603.3)	88.2 (16.5,360.6)	510.6 (51.6,803.6)	403.2 (53.0,858.5)	290.4 (86.2,468.5)	577.8 (229.7,1013.8)	161.4 (95.1,244.2)	49.1 (13.7,126.0)	232.8 (13.8,501.9)	559.4 (223.8,855.7)	1655.1 (683.8,2352.7)	1215.8 (373.9,2082.2)	713.0 (432.9,1069.3)	475.6 (185.5,762.7)
			1990	6701.1 (5040.5,8649.0)	259.5 (19.6,1065.1)	838.0 (154.1,1304.5)	650.1 (80.4,1386.0)	454.6 (153.5,710.6)	548.9 (181.5,1007.7)	252.5 (146.4,377.4)	76.5 (20.9,199.1)	472.1 (22.4,1055.2)	982.1 (424.9,1506.5)	2630.9 (1084.6,3616.2)	1965.8 (625.6,3250.6)	1130.5 (685.3,1655.7)	757.9 (289.0,1193.7)
		Male	2019	4688.7 (3487.4,5855.9)	188.3 (14.6,733.4)	550.1 (45.4,817.0)	442.9 (56.3,929.8)	320.6 (104.4,481.5)	636.0 (264.8,1097.1)	216.3 (135.2,317.5)	52.8 (16.0,131.7)	261.4 (15.3,564.7)	677.0 (288.9,1046.6)	1850.1 (798.7,2492.7)	1361.4 (434.0,2303.3)	792.6 (486.0,1126.1)	519.1 (200.5,822.4)

All numbers are age-standardized rates per 100,000 people. NAME=North Africa and Middle East, SDI=Socio-Demographic Index.

**Supplementary Table 7** - The ischemic heart disease deaths and disability-adjusted life years rates attributed to dietary risks, healthcare access quality and socio-demographic, by the NAME countries in 2019.

Location	Deaths	DALYs	HAQ	SDI
Afghanistan	195.17	4430.53	28.87	0.34
Algeria	116.99	1967.29	58.66	0.65
Bahrain	67.19	1171.16	67.60	0.75
Egypt	150.76	3083.78	51.56	0.66
Iran	80.68	1469.78	63.70	0.67
Iraq	132.64	2618.45	57.45	0.67
Jordan	59.47	1174.51	65.10	0.73
Kuwait	51.82	1155.52	76.98	0.85
Lebanon	104.63	2075.70	68.25	0.71
Libya	85.83	1817.98	59.50	0.71
Morocco	123.66	2380.89	48.55	0.55
Oman	160.41	2751.79	67.48	0.78
Palestine	108.43	2063.89	57.32	0.59
Qatar	99.34	1468.93	73.71	0.83
Saudi Arabia	103.04	2266.30	63.33	0.81
Sudan	148.91	3065.51	43.92	0.52
Syrian Arab Republic	173.90	3324.14	60.17	0.62
Tunisia	82.45	1520.66	63.87	0.67
Turkey	44.09	824.15	64.77	0.75
United Arab Emirates	68.44	1395.60	58.83	0.88
Yemen	175.52	3683.22	39.29	0.41

Deaths and DALYs rates are age-standardized per 100,000 people.  
DALYs=Disability-Adjusted Life Years.

Supplementary Table 8 - Dietary risk factors based on the source in the NAME countries

	Algeria	Bahrain	Egypt	Iraq (Baghdad)	Jordan	Kuwait	Lebanon	Libya	Morocco	Oman	Palestine	Qatar	Saudi Arabia	Syria	Tunisia	Turkey	United Arab Emirates
Adult Nutrient Intakes from Current National Dietary Surveys of European Populations. <i>Nutrients</i> , 2017; 9(12)																	
Determination of dietary habits as a risk factor of carotid atherosclerotic disease in Turkish adolescents. <i>Eur J Nutr</i> , 2005; 44(3)																	
Dietary intakes of adolescents living in Edirne, Turkey. <i>J Am Coll Nutr</i> , 2008; 27(3)				*													
Dietary Protein Sources and All-Cause and Cause-Specific Mortality: The Golestan Cohort Study in Iran. <i>Am J Prev Med</i> , 2017; 52(2)																	
Dietary sources of high sodium intake in Turkey: SALTURK II. <i>Nutrients</i> , 2017; 9(9)			*														
Single Demographic and Health Survey 2000. Fairfax, United States of America: IQ International																	
European Passport - High Fats. Market Statistics. United Kingdom: European for International			*														
Evidence for high fat intake in Kuwait: over-consumption of macronutrients and obesity. <i>Public Health Nutr</i> , 2013; 16(4)																	
FAO Survey Utilization Accounts 1967-2013. Personal Correspondence with Dr. Ismail Schmeisler. 2016. [Unpublished]																	
FAO Food Balance Sheets, October 2014. Rome, Italy: Food and Agriculture Organization of the United Nations (FAO)			*														
Low calcium and vitamin D intake in healthy children and adolescents and their correlates. <i>Eur J Clin Nutr</i> , 2005; 59(2)			*														
Nutrient Demographic and Health Survey 2000. United States of America: IQ International																	
Prevalence of metabolic syndrome in Turkey - an epidemiological survey of the Association Society of Medical Oncology. <i>Asian Pac J Cancer Prev</i> , 2011; 12(11)				*													
Risk Factors of Anthropometric Abnormalities in Turkish - an Epidemiological Study. <i>Diabetes Metab</i> , 2017; 48(1)																	
Socioeconomic and behavioral determinants of fat and vegetable intake in Moroccan women. <i>Public Health Nutr</i> , 2010; 13(5)				*													
Under-reporting of energy intake affects estimates of nutrient intakes. <i>Asia Pac J Clin Nutr</i> , 2006; 15(4)																	
Validity and reliability of a food frequency questionnaire to estimate dietary intake among Lebanese children. <i>Nutr J</i> , 2016; 15							*										
White rice intake and incidence of type-2 diabetes: analysis of two prospective cohort studies from Iran. <i>BMC Public Health</i> , 2017; 17(1)				*													