**Revised Table 4. Odds ratios* for cancer incidence and mortality, and all-cause mortality risk in relation to diet (n=3,878)**

| | Total cancer incidence | | | Total cancer mortality | | | All cause mortality | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of cases | Age, energy, sex, adjusted | Fully adjusted† | Number of cases | Age, energy, sex, adjusted | Fully adjusted† | Number of deaths | Age, energy, sex, adjusted | Fully adjusted† |
| Quartiles of dietary intake | | OR (95% CI) | OR (95% CI) | | OR (95% CI) | OR (95% CI) | | OR (95% CI) | OR (95% CI) |
| Fruit | | | | | | | | | |
| 1(low) | 141 | 1.0 | 1.0 | 89 | 1.0 | 1.0 | 266 | 1.0 | 1.0 |
| 2 | 110 | 0.72 (0.53, 0.98) | 0.67 (0.49, 0.91) | 83 | 0.86 (0.61, 1.21) | 0.85 90.59, 1.21) | 255 | 0.91 (0.71, 1.17) | 0.94 (0.74, 1.20) |
| 3 | 120 | 0.79 (0.58, 1.07) | 0.74 (0.54, 1.01) | 86 | 0.92 (0.65, 1.29) | 0.90 (0.63, 1.29) | 247 | 0.85 (66, 1.09) | 0.88 (0.68, 1.14) |
| 4(high) | 112 | 0.67 (0.48, 0.92) | 0.62 (0.43, 0.91) | 75 | 0.73 (0.50, 1.05) | 0.70 (0.46, 1.09) | 232 | 0.79 (0.61, 1.02) | 0.85 (0.63, 1.14) |
| P-value for linear trend | | 0.03 | 0.03 | | 0.13 | 0.18 | | 0.06 | 0.24 |
| Vegetables | | | | | | | | | |
| 1(low) | 111 | 1.0 | 1.0 | 76 | 1.0 | 1.0 | 248 | 1.0 | 1.0 |
| 2 | 127 | 1.38 (1.01, 1.88) | 1.35 (0.96, 1.88) | 93 | 1.42 (1.01, 2.01) | 1.31 (0.90, 1.90) | 271 | 1.21 (0.95, 1.55) | 1.10 (0.85, 1.43) |
| 3 | 109 | 1.03 (0.75, 1.42) | 0.98 (0.69, 1.40) | 76 | 1.01 (0.70, 1.45) | 0.88 (0.59, 1.32) | 237 | 1.00 (0.78, 1.28) | 0.86 (0.66, 1.12) |
| 4(high) | 136 | 1.39 (1.02, 1.90) | 1.41 (0.97, 2.04) | 88 | 1.26 (0.88, 1.80) | 1.15 (0.75, 1.74) | 244 | 1.07 (0.83, 1.37) | 0.94 (0.70, 1.24) |
| P-value for linear trend | | 0.16 | 0.27 | | 0.54 | 0.92 | | 0.96 | 0.29 |
| Vitamin C | | | | | | | | | |
| 1(low) | 114 | 1.0 | 1.0 | 84 | 1.0 | 1.0 | 259 | 1.0 | 1.0 |
| 2 | 127 | 1.04 (0.76, 1.43) | 1.08 (0.77, 1.50) | 83 | 0.80 (0.57, 1.14) | 0.84 (0.58, 1.21) | 251 | 0.88 (0.68, 1.13) | 0.96 (0.75, 1.25) |
| 3 | 120 | 0.98 (0.71, 1.36) | 1.04 (0.73, 1.50) | 83 | 0.84 (0.59, 1.21) | 0.91 (0.61, 1.36) | 251 | 0.92 (0.71, 1.20) | 1.02 (0.77, 1.35) |
| 4(high) | 122 | 0.98 (0.70, 1.38) | 1.06 (0.71, 1.59) | 83 | 0.86 (0.59, 1.24) | 0.92 (0.58, 1.44) | 239 | 0.88 (0.67, 1.15) | 1.02 (0.74, 1.40) |
| P-value for linear trend | | 0.84 | 0.82 | | 0.51 | 0.83 | | 0.45 | 0.81 |
| Vitamin E | | | | | | | | | |
| 1(low) | 115 | 1.0 | 1.0 | 80 | 1.0 | 1.0 | 246 | 1.0 | 1.0 |
| 2 | 108 | 1.01 (0.74, 1.38) | 1.03 (0.74, 1.44) | 75 | 0.98 (0.69, 1.40) | 1.00 (0.69, 1.46) | 253 | 1.08 (0.85, 1.38) | 1.15 (0.89, 1.49) |
| 3 | 114 | 1.05 (0.77, 1.45) | 1.02 (0.71, 1.46) | 75 | 0.90 (0.62, 1.29) | 0.84 (0.56, 1.27) | 231 | 0.91 (0.71, 1.17) | 0.92 (0.70, 1.22) |
| 4(high) | 146 | 1.42 (1.03, 1.94) | 1.33 (0.90, 1.95) | 103 | 1.42 (1.00, 2.02) | 1.33 (0.87, 2.03) | 270 | 1.24 (0.96, 1.60) | 1.24 (0.91, 1.68) |
| P-value for linear trend | | 0.03 | 0.15 | | 0.08 | 0.25 | | 0.26 | 0.40 |

*****All effect estimates and confidence intervals are adjusted for intra-family clustering. †Fully adjusted models include age, sex, energy intake, food expenditure, Townsend score, season, and district.

**Revised Table 4 (continued). Odds ratios* for cancer incidence and mortality, and all-cause mortality risk in relation to diet (n=3,878)**

| | Total cancer incidence | | | Total cancer mortality | | | All cause mortality | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of cases | Age, energy, sex, adjusted | Fully adjusted† | Number of cases | Age, energy, sex, adjusted | Fully adjusted† | Number of deaths | Age, energy, sex, adjusted | Fully adjusted† |
| Quartiles of dietary intake | | OR (95% CI) | OR (95% CI) | | OR (95% CI) | OR (95% CI) | | OR (95% CI) | OR (95% CI) |
| Carotene | | | | | | | | | |
| 1(low) | 123 | 1.0 | 1.0 | 90 | 1.0 | 1.0 | 240 | 1.0 | 1.0 |
| 2 | 116 | 0.84 (0.62, 1.15) | 0.89 (0.65, 1.22) | 76 | 0.70 (0.49, 0.99) | 0.72 (0.50, 1.03) | 257 | 0.99 (0.77, 1.27) | 1.02 (0.80, 1.30) |
| 3 | 129 | 1.03 (0.76, 1.40) | 1.08 (0.79, 1.48) | 83 | 0.89 (0.64, 1.24) | 0.84 (0.59, 1.20) | 256 | 1.01 (0.79, 1.29) | 0.94 (0.73, 1.21) |
| 4(high) | 115 | 0.88 (0.65, 1.20) | 0.94 (0.66, 1.33) | 84 | 0.86 (0.61, 1.21) | 0.80 (0.54, 1.17) | 247 | 1.00 (0.78, 1.28) | 0.90 (0.69, 1.19) |
| P-value for linear trend | | 0.74 | 0.97 | | 0.70 | 0.39 | | 0.97 | 0.39 |
| Retinol | | | | | | | | | |
| 1(low) | 126 | 1.0 | 1.0 | 91 | 1.0 | 1.0 | 262 | 1.0 | 1.0 |
| 2 | 110 | 0.83 (0.60, 1.13) | 0.86 (0.63, 1.18) | 77 | 0.82 (0.58, 1.17) | 0.86 (0.60, 1.23) | 233 | 0.77 (0.60, 0.99) | 0.78 (0.61, 1.01) |
| 3 | 118 | 0.80 (0.58, 1.10) | 0.86 (0.62, 1.20) | 78 | 0.73 (0.51, 1.05) | 0.80 (0.55, 1.16) | 264 | 0.89 (0.69, 1.14) | 0.94 (0.72, 1.21) |
| 4(high) | 129 | 0.87 (0.63, 1.20) | 0.96 (0.67, 1.37) | 87 | 0.80 (0.55, 1.15) | 0.90 (0.60, 1.35) | 241 | 0.80 (0.61, 1.04) | 0.86 (0.65, 1.14) |
| P-value for linear trend | | 0.41 | 0.81 | | 0.20 | 0.53 | | 0.21 | 0.54 |

*****All effect estimates and confidence intervals are adjusted for intra-family clustering. †Fully adjusted models include age, sex, energy intake, food expenditure, Townsend score, season, and district.

**Revised Table 5. Odds ratios* for incidence and mortality from cancers related to smoking and cancers not related to smoking (n=3,878)**

| | Cancers related to smoking | | | | Cancers not related to smoking | | | |
|---|---|---|---|---|---|---|---|---|
| | Incidence | | Mortality | | Incidence | | Mortality | |
| | Age, energy, sex, adjusted | Fully adjusted† | Age, energy, sex, adjusted | Fully adjusted† | Age, energy, sex, adjusted | Fully adjusted† | Age, energy, sex, adjusted | Fully adjusted† |
| Quartiles of dietary intake | OR (95% CI) | OR (95% CI) | OR (95% CI) | OR (95% CI) | OR (95% CI) | OR (95% CI) | OR (95% CI) | OR (95% CI) |
| Fruit | | | | | | | | |
| 1(low) | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 2 | 0.96 (0.62, 1.48) | 0.90 (0.57, 1.41) | 1.04 (0.65, 1.67) | 0.90 (0.57, 1.41) | 0.61 (0.42, 0.89) | 0.57 (0.39, 0.84) | 0.72 (0.45, 1.15) | 0.76 (0.47, 1.22) |
| 3 | 0.88 (0.56, 1.36) | 0.85 (0.53, 1.35) | 0.99 (0.62, 1.60) | 0.85 (0.53, 1.35) | 0.76 (0.53, 1.10) | 0.70 (0.47, 1.02) | 0.86 (0.54, 1.35) | 0.84 (0.52, 1.37) |
| 4(high) | 0.59 (0.36, 0.97) | 0.61 (0.34, 1.09) | 0.62 (0.36, 1.06) | 0.61 (0.34, 1.09) | 0.75 (0.541, 1.09) | 0.67 (0.43, 1.04) | 0.85 (0.53, 1.35) | 0.80 (0.45, 1.40) |
| P-value for linear trend | 0.04 | 0.12 | 0.11 | 0.12 | 0.24 | 0.12 | 0.64 | 0.51 |
| Vegetables | | | | | | | | |
| 1(low) | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 2 | 1.48 (0.93, 2.35) | 1.30 (0.79, 2.15) | 1.46 (0.92, 2.33) | 1.30 (0.76, 2.23) | 1.25 (0.87, 1.81) | 1.27 (0.86, 1.90) | 1.30 (0.84, 2.01) | 1.26 (0.79, 2.00) |
| 3 | 1.41 (0.88, 2.25) | 1.27 (0.76, 2.15) | 1.34 (0.83, 2.16) | 1.16 (0.66, 2.03) | 0.83 (0.56, 1.23) | 0.81 (0.52, 1.24) | 0.74 (0.46, 1.22) | 0.66 (0.39, 1.12) |
| 4(high) | 1.34 (0.83, 2.15) | 1.22 (0.70, 2.12) | 1.30 (0.80, 2.11) | 1.13 (0.63, 2.05) | 1.36 (0.94, 1.96) | 1.43 (0.92, 2.21) | 1.17 (0.74, 1.84) | 1.14 (0.67, 1.93) |
| P-value for linear trend | 0.29 | 0.58 | 0.36 | 0.86 | 0.37 | 0.41 | 0.93 | 0.71 |
| Vitamin C | | | | | | | | |
| 1(low) | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 2 | 1.01 (0.63, 1.62) | 1.05 (0.64, 1.71) | 0.89 (0.53, 1.48) | 0.86 (0.51, 1.46) | 1.05 (0.72, 1.54) | 1.07 (0.74, 1.56) | 0.76 (0.48, 1.19) | 0.85 (0.53, 1.36) |
| 3 | 1.24 (0.77, 1.99) | 1.28 (0.76, 2.14) | 1.21 (0.73, 2.00) | 1.16 (0.67, 2.01) | 0.85 (0.56, 1.27) | 0.92 (0.61, 1.40) | 0.60 (0.37, 0.98) | 0.73 (0.43, 1.24) |
| 4(high) | 0.96 (0.58, 1.60) | 1.09 (0.60, 1.99) | 0.97 (0.57, 1.65) | 0.98 (0.52, 1.86) | 1.00 (0.67, 1.50) | 1.03 (0.65, 1.64) | 0.78 (0.49, 1.25) | 0.89 (0.49, 1.60) |
| P-value for linear trend | 0.93 | 0.61 | 0.80 | 0.77 | 0.78 | 0.93 | 0.24 | 0.59 |
| **Vitamin E** | | | | | | | | |
| **1(low)** | **1.0** | **1.0** | **1.0** | **1.0** | **1.0** | **1.0** | **1.0** | **1.0** |
| **2** | **0.91 (0.56, 1.48)** | **1.01 (0.60, 1.70)** | **1.01 (0.60, 1.72)** | **1.04 (0.59, 1.82)** | **1.07 (0.73, 1.56)** | **1.05 (0.72, 1.53)** | **0.97 (0.62, 1.51)** | **1.03 (0.65, 1.64)** |
| **3** | **1.27 (0.80, 2.02)** | **1.44 (0.85, 2.45)** | **1.42 (0.86, 2.34)** | **1.46 (0.82, 2.60)** | **0.93 (0.63, 1.38)** | **0.86 (0.57, 1.29)** | **0.56 (0.34, 0.94)** | **0.53 (0.30, 0.92)** |
| **4(high)** | **1.56 (0.98, 2.49)** | **1.77 (1.00, 3.13)** | **1.73 (1.04, 2.87)** | **1.73 (0.93, 3.23)** | **1.28 (0.87, 1.89)** | **1.10 (0.71, 1.69)** | **1.17 (0.74, 1.84)** | **1.08 (0.64, 1.84)** |
| P-value for linear trend | 0.03 | 0.02 | 0.02 | 0.04 | 0.32 | 0.96 | 0.94 | 0.74 |

*****All effect estimates and confidence intervals are adjusted for intra-family clustering. †Fully adjusted models include age, sex, energy intake, food expenditure, Townsend score, season, and district.

**Revised Table 5 (continued). Odds ratios* for incidence and mortality from cancers related to smoking and cancers not related to smoking (n=3,878)**

| | Cancers related to smoking | | | | Cancers not related to smoking | | | |
|---|---|---|---|---|---|---|---|---|
| | Incidence | | Mortality | | Incidence | | Mortality | |
| | Age, energy, sex, adjusted | Fully adjusted† | Age, energy, sex, adjusted | Fully adjusted† | Age, energy, sex, adjusted | Fully adjusted† | Age, energy, sex, adjusted | Fully adjusted† |
| Quartiles of dietary intake | OR (95% CI) | OR (95% CI) | OR (95% CI) | OR (95% CI) | OR (95% CI) | OR (95% CI) | OR (95% CI) | OR (95% CI) |
| Carotene | | | | | | | | |
| 1(low) | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 2 | 0.79 (0.49, 1.25) | 0.78 (0.48, 1.25) | 0.83 (0.51, 1.35) | 0.81 (0.49, 1.33) | 0.89 (0.62, 1.30) | 0.97 (0.66, 1.41) | 0.62 (0.39, 0.99) | 0.66 (0.42, 1.05) |
| 3 | 1.01 (0.65, 1.57) | 0.97 (0.61, 1.54) | 0.84 (0.52, 1.36) | 0.80 (0.48, 1.33) | 1.05 (0.73, 1.52) | 1.14 (0.78, 1.67) | 0.95 (0.62, 1.47) | 0.90 (0.58, 1.39) |
| 4(high) | 0.96 (0.61, 1.51) | 0.89 (0.54, 1.49) | 0.91 (0.56, 1.47) | 0.81 (0.47, 1.39) | 0.85 (0.58, 1.24) | 0.96 (0.63, 1.48) | 0.84 (0.53, 1.31) | 0.80 (0.49, 1.32) |
| P-value for linear trend | 0.84 | 0.90 | 0.74 | 0.47 | 0.60 | 0.94 | 0.86 | 0.61 |
| Retinol | | | | | | | | |
| 1(low) | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 2 | 0.96 (0.60, 1.54) | 1.03 (0.64, 1.66) | 1.24 (0.75, 2.05) | 1.30 (0.78, 2.16) | 0.75 (0.52, 1.10) | 0.79 (0.55, 1.14) | 0.59 (0.37, 0.93) | 0.64 (0.41, 1.00) |
| 3 | 0.90 (0.56, 1.45) | 1.04 (0.64, 1.70) | 1.10 (0.65, 1.84) | 1.21 (0.71, 2.07) | 0.77 (0.52, 1.14) | 0.80 (0.55, 1.17) | 0.54 (0.33, 0.87) | 0.59 (0.36, 0.96) |
| 4(high) | 1.04 (0.64, 1.67) | 1.33 (0.79, 2.25) | 1.12 (0.66, 1.89) | 1.26 (0.70, 2.24) | 0.79 (0.53, 1.17) | 0.80 (0.53, 1.21) | 0.62 (0.39, 0.99) | 0.69 (0.40, 1.16) |
| P-value for linear trend | 0.93 | 0.32 | 0.83 | 0.52 | 0.30 | 0.33 | 0.05 | 0.12 |

*****All effect estimates and confidence intervals are adjusted for intra-family clustering. †Fully adjusted models include age, sex, energy intake, food expenditure, Townsend score, season, and district.

**Revised Table 6. Odds ratios* for incidence and mortality from breast cancer in relation to diet (n=1,959)**

| | Breast cancer incidence | | Breast cancer mortality | |
|---|---|---|---|---|
| Quartiles of intake | Age, energy, sex, adjusted | Fully adjusted† | Age, energy, sex, adjusted | Fully adjusted† |
| Fruit | | | | |
| 1(low) | 1.0 | 1.0 | 1.0 | 1.0 |
| 2 | 0.71 (0.36, 1.42) | 0.72 (0.36, 1.44) | 1.25 (0.46, 3.40) | 1.24 (0.45, 3.42) |
| 3 | 1.05 (0.55, 1.99) | 1.11 (0.58, 2.14) | 1.21 (0.43, 3.34) | 1.28 (0.46, 3.60) |
| 4(high) | 1.15 (0.59, 2.21) | 1.21 (0.58, 2.53) | 1.32 (0.48, 3.68) | 1.28 (0.41, 4.04) |
| P-value for linear trend | 0.49 | 0.45 | 0.63 | 0.66 |
| Vegetables | | | | |
| 1(low) | 1.0 | 1.0 | 1.0 | 1.0 |
| 2 | 1.71 (0.89, 3.27) | 1.74 (0.90, 3.36) | 1.60 (0.67, 3.81) | 1.55 (0.64, 3.76) |
| 3 | 0.97 (0.47, 1.97) | 0.99 (0.47, 2.06) | 0.42 (0.13, 1.38) | 0.38 (0.11, 1.31) |
| 4(high) | 1.72 (0.88, 3.37) | 1.77 (0.85, 3.67) | 1.10 (0.43, 2.80) | 0.88 (0.31, 2.54) |
| P-value for linear trend | 0.33 | 0.34 | 0.58 | 0.36 |
| Vitamin C | | | | |
| 1(low) | 1.0 | 1.0 | 1.0 | 1.0 |
| 2 | 1.41 (0.73, 2.71) | 1.46 (0.75, 2.82) | 0.99 (0.40, 2.44) | 1.02 (0.41, 2.57) |
| 3 | 1.36 (0.68, 2.73) | 1.34 (0.66, 2.70) | 0.65 (0.23, 1.80) | 0.66 (0.23, 1.84) |
| 4(high) | 1.07 (0.51, 2.23) | 0.95 (0.43, 2.12) | 0.53 (0.18, 1.55) | 0.42 (0.12, 1.42) |
| P-value for linear trend | 0.93 | 0.89 | 0.18 | 0.12 |
| Vitamin E | | | | |
| 1(low) | 1.0 | 1.0 | 1.0 | 1.0 |
| 2 | 1.49 (0.79, 2.80) | 1.39 (0.73, 2.66) | 1.40 (0.63, 3.11) | 1.23 (0.53, 2.82) |
| 3 | 1.09 (0.55, 2.18) | 1.00 (0.49, 2.04) | 0.24 (0.07, 0.90) | 0.19 (0.05, 0.73) |
| 4(high) | 1.12 (0.56, 2.25) | 1.04 (0.49, 2.21) | 0.47 (0.17, 1.29) | 0.36 (0.12, 1.14) |
| P-value for linear trend | 0.97 | 0.83 | 0.03 | 0.01 |
| Carotene | | | | |
| 1(low) | 1.0 | 1.0 | 1.0 | 1.0 |
| 2 | 1.48 (0.78, 2.81) | 1.45 (0.75, 2.77) | 0.54 (0.19, 1.50) | 0.52 (0.18, 1.46) |
| 3 | 1.44 (0.75, 2.78) | 1.42 (072, 2.80) | 1.16 (0.48, 2.77) | 1.06 (0.43, 2.62) |
| 4(high) | 1.06 (0.52, 2.13) | 1.00 (0.47, 2.12) | 0.87 (0.34, 2.21) | 0.72 (0.26, 1.99) |
| P-value for linear trend | 0.91 | 1.00 | 0.84 | 0.84 |
| Retinol | | | | |
| 1(low) | 1.0 | 1.0 | 1.0 | 1.0 |
| 2 | 0.96 (0.47, 1.97) | 1.03 (0.50, 2.14) | 0.76 (0.25, 2.31) | 0.81 (0.26, 2.50) |
| 3 | 1.81 (0.91, 3.58) | 1.96 (0.98, 3.95) | 1.61 (0.59, 4.39) | 1.89 (0.67, 5.28) |
| 4(high) | 1.52 (0.75, 3.09) | 1.64 (0.78, 3.48) | 1.38 (0.49, 3.86) | 1.67 (0.55, 5.05) |
| P-value for linear trend | 0.11 | 0.09 | 0.33 | 0.20 |

*****All effect estimates and confidence intervals are adjusted for intra-family clustering. †Fully adjusted models include age, sex, energy intake, food expenditure, Townsend score, and season.