

| Study                 | Country       | Study Design               | Study Period                                      | Study Size | No. of Cases | Menopausal Status | Length of Follow-up | Assessment of Exposure | Age at Baseline | Factors Evaluated                           | Comparison Categories                                     | Results   |
|-----------------------|---------------|----------------------------|---|------------|--------------|-------------------|---------------------|------------------------|-----------------|---|---|---|
| Byrne et al, 1996     | United States | Cohort                     | 1982-1984   | 6,156      | 53           | pre and post      | 4 years             | FFQ                    | 32-86 years     | milk, whole                                 | >7 servings/wk  | RR (95% CI)= 0.5 (0.1 - 2.1)                                    |
| Key et al, 1999       | Japan         | Cohort                     | 1969-1970 and/or in 1979-1981 followed until 1993 | 34,759     | 427          | pre and post      | 10 years            | FFQ                    | >40-80+         | total milk - butter and cheese              | ≥5 times /wk compared with <1 time /week<br>≥ 5 times /wk | RR(95% CI) = 0.96 (0.76-1.22)<br>RR (95% CI) = 1.13 (0.85-1.51) |
| Voorrips et al, 2002  | Netherlands   | Cohort                     | 1986-1992   | 62,573     | 941          | post              | 6.3 years           | FFQ                    | 55-69           | milk and milk products                      | Q5 compared with Q1                                       | RR (95% CI) = 0.91 (0.67-1.24)                                  |
|                       |               |                            |   |            |              |                   |                     |                        |                 | milk and milk products, whole               | Q5 compared with Q1                                       | RR (95% CI) = 0.90(0.66-1.22)                                   |
|                       |               |                            |   |            |              |                   |                     |                        |                 | milk and milk products, skim                | Q3 compared with Q1                                       | RR (95% CI) = 1.04 (0.84-1.30)                                  |
|                       |               |                            |   |            |              |                   |                     |                        |                 | cheese                                      | Q5 compared with Q1                                       | RR (95% CI) = 0.94 (0.67-1.31)                                  |
|                       |               |                            |   |            |              |                   |                     |                        |                 | butter                                      | Q3 compared with Q1                                       | RR (95% CI) = 1.18 (0.67-1.31)                                  |
| Gaard et al, 1995     | Norway        | Cohort                     | 1977 and 1983                                     | 31,209     | 248          | pre and post      | 7-13 years          | FFQ                    | 20-54           | Milk, any kind                              | ≥ 5 glasses / day compared to 1 glass per day             | RR (95% CI) = 1.71(0.86-3.38)                                   |
|                       |               |                            |   |            |              |                   |                     |                        |                 | Milk, whole                                 | ≥ 5 glasses / day compared to 1 glass per day             | RR (95% CI) = 2.91( 1.38-6.14)                                  |
| HjarTaker et al, 2002 | Norway        | Cohort                     | 1991-1992   | 48,844     | 317          | pre               | 6.2 years           | FFQ                    | 34-49           | milk consumption during childhood           | 7 glasses a day VS none                                   | RR (95% CI) = 0.64 (0.22-1.87)                                  |
|                       |               |                            |   |            |              |                   |                     |                        |                 | Milk consumption during adulthood           | 3 glasses a day VS none                                   | RR (95% CI) = 0.56 (0.31-1.01)                                  |
|                       |               |                            |   |            |              |                   |                     |                        |                 | milk consumption during adult and childhood | High VS Low   | RR (95% CI) = 0.51 (0.27- 0.96)                                 |
| Toniolo et al, 1994   | New York City | Nestled Case Control study | 1985 and 1991                                     | 14,291     | 180          | pre and post      |                     | 6 FFQ                  | 35-65           | Dairy Products                              | Quintile 1 vs Quintile 5<br>42 VS 620 g / day             | RR (95% CI) = 0.59 (0.35-0.99)                                  |
| mills et al, 1989     | California    | Cohort                     | 1976  | 20,341     | 215          | pre and post      |                     | 6 FFQ                  | 25 + years      | milk, whole                                 | none vs ≥daily  | RR (95% CI) = 0.94 (0.66-1.33)                                  |
|                       |               |                            |   |            |              |                   |                     |                        |                 | cheese                                      | ≤2 times / mo VS ≥3 times / week                          | RR (95% CI) = 1.44 (0.99-2.06)                                  |

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|--------------------------|---------|--------------|--------------|------------|--------------|-------------------|---------------------|----------------------------------|-----------------|----------------------|---|--|-----------|---------|--------|--------------|----|-----|-------|------------------|------------------------|---------------------------------|
| Knekt et al,             | Finland | Prospective  | 1966-1990    | 4,697      | 88           | pre and post      | 25                  | FFQ                              | 15-90           | Total Dairy Food     | Tertile - Lowest vs Highest                 | RR (95% CI) =0.42 (0.23-0.78)                                  |           |         |        |              |    |     |       |                  |                        |                                 |
|                          |         |              |              |            |              |                   |                     |                                  |                 | Milk                 | Tertile - Lowest vs Highest                 | RR (95% CI) =0.42 (0.24-0.74)                                  |           |         |        |              |    |     |       |                  |                        |                                 |
|                          |         |              |              |            |              |                   |                     |                                  |                 | fermented milk       | Tertile - Lowest vs Highest                 | RR (95% CI) = 1.37 (0.80 - 2.37)                               |           |         |        |              |    |     |       |                  |                        |                                 |
|                          |         |              |              |            |              |                   |                     |                                  |                 | butter               | Tertile - Lowest vs Highest                 | RR (95% CI) = 0.59 (0.35-0.99)                                 |           |         |        |              |    |     |       |                  |                        |                                 |
|                          |         |              |              |            |              |                   |                     |                                  |                 | cream                | Tertile - Lowest vs Highest                 | RR (95% CI) = 0.84 (0.53-1.34)                                 |           |         |        |              |    |     |       |                  |                        |                                 |
|                          |         |              |              |            |              |                   |                     |                                  |                 | Ice Cream            | Tertile - Lowest vs Highest                 | RR (95% CI) = 0.63 (0.35-1.15)                                 |           |         |        |              |    |     |       |                  |                        |                                 |
|                          |         |              |              |            |              |                   |                     |                                  |                 |                      |   | RR (95% CI) =1.25 (0.75-2.08)                                  |           |         |        |              |    |     |       |                  |                        |                                 |
| Shin et al, 2002         | U.S.    | Prospective  | 1980-1996    | 88,691     | 3,482        | pre and post      | 16                  | FFQ                              | 46.7            | Total Dairy Food     | >3 vs. ≤ 1 servings / day                   | RR (95% CI) = PRM: 0.73 (0.58-1.08)<br>=POM: 0.97 (0.85-1.10)  |           |         |        |              |    |     |       |                  |                        |                                 |
|                          |         |              |              |            |              |                   |                     |                                  |                 |                      | >1 glass/day vs. ≤ 3 glasses/month          | RR (95% CI) = PRM: 0.69 (0.54-0.87)<br>=POM: 1.01 (0.87-1.16)  |           |         |        |              |    |     |       |                  |                        |                                 |
|                          |         |              |              |            |              |                   |                     |                                  |                 |                      |   |  |           |         |        |              |    |     |       |                  |                        |                                 |
| Cho et al, 2003          | U.S.    | Pro          | 1991-1999    | 90,655     | 714          | pre               | 8                   | FFQ                              | 26-46           | Total Dairy Food     | 4 vs. 0.7 servings / day                    | RR (95% CI) = 1.03 (0.79-1.36)                                 |           |         |        |              |    |     |       |                  |                        |                                 |
| McCullough et al, 2005   | U.S.    | Pro          | 1992-2001    | 68,567     | 2,855        | post              | 7.8                 | FFQ                              | 50-74           | Total Dairy Food     | >3 vs. <0.5 servings / day                  | RR (95% CI) = 0.81 (0.69-0.95)                                 |           |         |        |              |    |     |       |                  |                        |                                 |
|                          |         |              |              |            |              |                   |                     |                                  |                 | Milk                 | >3 vs. <0.5 servings / day                  | RR (95% CI) = 0.88 (0.76-1.02)                                 |           |         |        |              |    |     |       |                  |                        |                                 |
| Kesse-Guyot et al, 2007  | France  | Pro          | 1994-2004    | 7,713      | 92           | pre and post      | 8                   | 24-hr recall every 2 months      | 35-60           | Total Dairy Food     | <165g/day vs. >400g/day                     | 95% CI) =PRM: 0.67 (0.18-2.47)                                 |           |         |        |              |    |     |       |                  |                        |                                 |
|                          |         |              |              |            |              |                   |                     |                                  |                 | Total Dairy Food     | <165g/day vs. >400g/day                     | 95% CI) =POM: 0.86 (0.27-2.68)                                 |           |         |        |              |    |     |       |                  |                        |                                 |
|                          |         |              |              |            |              |                   |                     |                                  |                 | Milk                 | <25g/ day vs. >248g/day                     | (95% CI) =PRM:0.67 (0.23-1.93)                                 |           |         |        |              |    |     |       |                  |                        |                                 |
|                          |         |              |              |            |              |                   |                     |                                  |                 | Milk                 | <25g/ day vs. >248g/day                     | 95% CI) =POM:2.37 (0.94-5.95)                                  |           |         |        |              |    |     |       |                  |                        |                                 |
| Lin et al, 2007          | U.S.    | Pro          | 1993-2004    | 31,487     | 1,019        | pre and post      | 10                  | FFQ                              | 55              | Total Dairy Food     | ≥ 3.13 vs. <0.93 servings / day             | RR (95% CI) = PRM: 0.64 (0.42-0.95)<br>=POM: 1.07 (0.82-1.32)  |           |         |        |              |    |     |       |                  |                        |                                 |
| Pala et al, 2009         | Europe  | Pro          | 1992-2003    | 319,826    | 7,119        | pre and post      | 8.8                 | FFQ                              | 20-70           | Milk                 | 439 vs 0 g/day                              | RR ( 95% CI) = 1.05 (0.97-1.14)                                |           |         |        |              |    |     |       |                  |                        |                                 |
| Park et al, 2009         | U.S.    | Pro          | 1995-2003    | 198,903    | 5,856        | N/A               | 7                   | FFQ                              | 50-71           | Total Dairy Food     | Quintile 1 vs Quintile 5 serving/1,000 kcal | RR ( 95% CI) = 0.96 (0.88-1.04)                                |           |         |        |              |    |     |       |                  |                        |                                 |
| Van Der Pols et al, 2007 | U.K.    | Pro          | 1948-2005    | 2,215      | 97           | pre               | 65                  | 7 day household inventory method |                 | 8 Total Dairy Food   | 471 vs. 89 g/day                            | RR ( 95% CI) = 0.89 (0.45-1.75)                                |           |         |        |              |    |     |       |                  |                        |                                 |
|                          |         |              |              |            |              |                   |                     |                                  |                 | Milk                 | ≥ 1.2 vs. <0.5 cups/day                     | RR ( 95% CI) = 0.83 (0.41-1.69)                                |           |         |        |              |    |     |       |                  |                        |                                 |
| Genkinger et al, 2013    | U.S.    | Pro          | 1995-2001    | 52,062     | 1,268        | pre and post      | 12                  | FFQ                              | 21-69           | Total Milk           | 0 vs. >1,000g /day                          | RR ( 95% CI) = PRM: 1.24 (0.74-1.74)<br>=POM: 1.00 (0.60-1.40) |           |         |        |              |    |     |       |                  |                        |                                 |
|                          |         |              |              |            |              |                   |                     |                                  |                 | Milk, Whole          | 0 vs. >250g / day                           | RR ( 95% CI) = PRM:<br>=POM: 0.86                              |           |         |        |              |    |     |       |                  |                        |                                 |
|                          |         |              |              |            |              |                   |                     |                                  |                 | Milk, 2%             | 0 vs. >250g / day                           | RR ( 95% CI) = PRM: 1.16<br>= POM: 1.09                        |           |         |        |              |    |     |       |                  |                        |                                 |
|                          |         |              |              |            |              |                   |                     |                                  |                 | Milk, Skim           | 0 vs. >250g / day                           | RR ( 95% CI) = PRM: 0.80<br>= POM: 0.90                        |           |         |        |              |    |     |       |                  |                        |                                 |
|                          |         |              |              |            |              |                   |                     |                                  |                 | Cheese, Hard         | 0 vs. >75g / day                            | RR ( 95% CI) = PRM: 0.90<br>=POM: 0.79                         |           |         |        |              |    |     |       |                  |                        |                                 |
|                          |         |              |              |            |              |                   |                     |                                  |                 | Yogurt               | 0 vs. ≥ 454g / day                          | RR ( 95% CI) = PRM: 1.00<br>=POM: 0.74                         |           |         |        |              |    |     |       |                  |                        |                                 |
|                          |         |              |              |            |              |                   |                     |                                  |                 | Ice Cream            | 0 vs. >66g / day                            | RR ( 95% CI) = PRM: 0.83<br>=POM: 0.91 (0.63-1.30)             |           |         |        |              |    |     |       |                  |                        |                                 |
|                          |         |              |              |            |              |                   |                     |                                  |                 |                      |   |  |           |         |        |              |    |     |       |                  |                        |                                 |
|                          |         |              |              |            |              |                   |                     |                                  |                 |                      |   |  |           |         |        |              |    |     |       |                  |                        |                                 |
|                          |         |              |              |            |              |                   |                     |                                  |                 | Buckland et al, 2013 | European                                    | Pro  | 1992-2000 | 335,062 | 10,225 | pre and post | 11 | FFQ | 35-70 | Total Dairy Food | Tertile 1 vs tertile 3 | RR ( 95% CI) = 1.02 (0.97-1.07) |

\*PRM = Pre-menopausal women \*POM = post-menopausal women, FFQ = Food Frequency Questionnaire, RR = Risk Ratio CI = Confidence Interval