**OUTPUT OF diet.colgen.V2**

0

Total Cholesterol = 1e+06

minShadowPrices = [0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,50000]

maxShadowPrices = [0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0]

Adding food 635 (Fish oil, menhaden, fully hydrogenated) : reduced cost is -4.7795e+06

1

Total Cholesterol = 1e+06

minShadowPrices = [0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,12500,0,0,0]

maxShadowPrices = [0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0]

Adding food 185 (Spices, basil, dried) : reduced cost is -2.14313e+07

2

Total Cholesterol = 1e+06

minShadowPrices = [0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,166667,0,0,0,0]

maxShadowPrices = [0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0]

Adding food 4440 (Mollusks, clam, mixed species, cooked, moist heat) : reduced cost is -1.64816e+07

3

Total Cholesterol = 1e+06

minShadowPrices = [0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,2500,0,0,0,0,0,0,0,0,0,0,0,0]

maxShadowPrices = [0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0]

Adding food 632 (Fish oil, cod liver) : reduced cost is -2.49994e+07

4

Total Cholesterol = 1e+06

minShadowPrices = [0,0,0,181.244,0,0,0,0,0,0,0,0,0,0,0,0,35786.2,0,0,0,0,0,0,0,0,0,0,0,0,0]

maxShadowPrices = [0,0,0,0,0,0,0,-637.077,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0]

Adding food 6815 (Whale, beluga, eyes, raw (Alaska Native)) : reduced cost is -6.69302e+07

5

Total Cholesterol = 999941

minShadowPrices = [0,5289.8,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0.0451757,0,0,0,0,0,0,0,0,182.096,0,0,5.23013]

maxShadowPrices = [0,0,0,0,0,0,0,-1503.92,0,0,0,0,0,0,0,0,-1.98014,0,0,0,0,0,0,0,0,0,0,0,0,0]

Adding food 7032 (Sweeteners, tabletop, fructose, dry, powder) : reduced cost is -528980

6

Total Cholesterol = 983579

minShadowPrices = [0,0,0,1010.6,0,0,0,0,0,0,0,0,0,0,0,0,0,0.0451757,0,0,0,0,0,0,0,0,0,0,0,5.23013]

maxShadowPrices = [0,0,0,0,0,0,0,-14.8737,0,0,0,0,0,0,0,0,-29.7776,0,0,0,0,0,0,0,0,-646.991,0,0,0,0]

Adding food 4250 (Water, bottled, non-carbonated, CALISTOGA) : reduced cost is -101060

7

Total Cholesterol = 977248

minShadowPrices = [0,0,0,0,0,0,0,0,0,0,705.382,0,0,0,0,0,3.57939,1.62927,0,0,0,0,0,0,0,0,0,0,0,222.253]

maxShadowPrices = [0,0,-23.0016,0,0,0,0,-43.3405,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,-756.327,0,0,0,0]

Adding food 228 (Salt, table) : reduced cost is -2.73391e+07

8

Total Cholesterol = 974207

minShadowPrices = [0,0,0,0,0,0,0,0,0,0,0.006697,0,0,0,0,0,3.39833e-05,0.0451908,0,740094,0,0,0,0,0,0,0,0,0,5.23219]

maxShadowPrices = [0,0,-0.00021838,0,0,0,0,-259.562,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,-1074.7,0,0,0,0]

Adding food 6460 (WORTHINGTON FOODS, MORNINGSTAR FARMS Breakfast Patties) : reduced cost is -1.04821e+07

9

Total Cholesterol = 969852

minShadowPrices = [0,0,0,0,0,0,0,0,0,0,0.120079,0,0,0,0,0,0.000609329,0.0454454,0,1328.52,0,0,0,0,7167.14,0,0,0,0,5.26707]

maxShadowPrices = [0,0,-0.00391562,0,0,0,0,-4654.02,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,-1256.15,0,0,0,0]

Adding food 5398 (Leavening agents, yeast, baker's, active dry) : reduced cost is -1.63181e+07

10

Total Cholesterol = 839476

minShadowPrices = [0,0.00853156,0,0,0,0,0,2755.55,0,0,0,0,0,0,0,0,0,0.0451757,0,0,0,0,0,0,0,0,0,0,0,5.23013]

maxShadowPrices = [0,0,0,0,0,0,0,0,0,0,-0.0710963,0,0,0,0,0,-3.19363e-06,0,0,-450.638,0,0,0,0,-114.945,-466.427,-659.831,0,0,0]

Adding food 6052 (Rice bran, crude) : reduced cost is -2.14237e+06

11

Total Cholesterol = 825721

minShadowPrices = [0,0,1.44462e-06,0,0,0,0,1.71704,0,0,0,0,0,0,0,0,0,0.0451756,17922.2,0,0,0,0,0,0,0,0,0,0,5.23011]

maxShadowPrices = [0,0,0,0,0,0,0,0,0,0,-4.43015e-05,0,0,0,0,0,-2.24804e-07,0,0,0,0,0,0,0,-2.33674,-4004.23,-639.794,0,0,0]

Adding food 4225 (Orange-flavor drink, KRAFT, TANG SUGAR FREE Low Calorie Drink M) : reduced cost is -4.30138e+07

12

Total Cholesterol = 784230

minShadowPrices = [0,0.0265008,0,0,0,0,0,0,0,0,0,92363.2,0,0,0,0,0,0.0451757,77.5787,0,0,0,0,0,0,0,0,0,0,5.23013]

maxShadowPrices = [0,0,0,0,0,0,0,-676.994,0,0,-0.22084,0,0,0,0,0,-9.9201e-06,0,0,-5509.96,0,0,0,0,-218.694,-2370.52,-114.242,0,0,0]

Adding food 4449 (Mollusks, oyster, eastern, wild, cooked, moist heat) : reduced cost is -1.66229e+07

13

Total Cholesterol = 586849

minShadowPrices = [0,0,0.00688569,0,0,226.413,0,109.605,0,331.436,0,0,0,0,0,0,0,0.0447015,0,0,0,0,0,0,0,0,0,0,0,5.16516]

maxShadowPrices = [0,0,0,0,0,0,0,0,0,0,-0.211161,-108.108,0,0,0,0,-0.00107152,0,0,-675.653,0,-17252.3,0,0,0,-1745.33,-899.318,0,0,0]

Adding food 5396 (Leavening agents, cream of tartar) : reduced cost is -5.47067e+06

14

Total Cholesterol = 584268

minShadowPrices = [11508.6,0,0.0119445,0,0,579.822,0,341.139,0,0,0,0,0,0,0,0,0,0.0443531,0,0,0,0,0,0,0,0,0,0,0,5.11743]

maxShadowPrices = [0,0,0,0,0,0,0,0,0,-0.306881,-0.366297,-574.655,0,0,0,0,-120.627,0,0,-18324.7,0,-11665.6,0,0,0,-3132.65,-843.062,0,0,0]

Adding food 5393 (Leavening agents, baking powder, double-acting, straight phosph) : reduced cost is -4.28136e+06

15

Total Cholesterol = 512608

minShadowPrices = [24061,0,0,0,0,0.796091,0,0,0,0.0388229,0.00635412,0,0,0,0,0,0,0.04519,0,0,0,0,0,0,0,0,0,0,0,5.23208]

maxShadowPrices = [0,0,-0.0002072,0,0,0,0,-213.034,0,0,0,-526.56,0,0,0,0,-252.19,0,0,-42451.5,0,-365.68,0,0,-334.436,-5988.73,-88.8091,0,0,0]

Adding food 4735 (Soy protein isolate, potassium type, crude protein basis) : reduced cost is -2.04798e+06

16

Total Cholesterol = 460885

minShadowPrices = [664.791,0,0,0,0,1.50047,0,0,0,0.428534,0,0,0,0,19377.2,0,0,2.22091,38.7798,0,0,0,0,0,0,0,91.5054,0,0,303.309]

maxShadowPrices = [0,0,-31.5924,0,0,0,0,-334.606,0,0,-0.0292539,-5087.36,0,0,0,0,-2.05162,0,0,0,0,0,0,0,-178.922,-12423.9,0,0,0,0]

Adding food 3366 (Nuts, brazilnuts, dried, unblanched) : reduced cost is -3.69897e+07

17

Total Cholesterol = 104.133

minShadowPrices = [0,0.0100691,0,0,0,0.000135929,0,0,0,0,0,0.431866,0,0,0,0,0.000412925,0.0453601,0.00305566,0,0,0,0,0,0,0.687545,0.00468256,0,0,5.25539]

maxShadowPrices = [0,0,-0.00267772,0,0,0,0,-0.0283484,0,-2.8475e-06,-3.73963e-07,0,0,0,-0.0358366,0,0,0,0,-0.538416,0,0,0,0,-0.000252477,0,0,0,0,0]

Adding food 684 (Oil, vegetable, industrial, palm kernel (hydrogenated), confect) : reduced cost is -490.22

18

Total Cholesterol = 28.1366

minShadowPrices = [0,0.0175412,0,0,0,0,0,0,0,0,0,0.452403,0,0,0.000748614,0,0.000735085,0.0573288,0.000107286,0,0,0,0,0,0,0.673344,0,0,0,0.044698]

maxShadowPrices = [0,0,-0.00476594,0,0,0,-0.00686942,-0.0026469,0,-5.10652e-07,-1.0423e-06,0,0,0,0,0,0,0,0,-0.0200209,0,0,0,0,-0.000767472,0,-0.000530992,0,0,0]

Adding food 2748 (Mushrooms, shiitake, dried) : reduced cost is -98.1624

19

Total Cholesterol = 19.8689

minShadowPrices = [0,2.88825e-06,0,0,0,2.97737e-06,0,0,0,0,0,0.451397,0,0,0,0.0189994,0,0,0.00132244,0,0.0714429,0,0,0,0,0.639753,0,0,0,0.000790258]

maxShadowPrices = [0,0,0,0,0,0,0,-0.000462053,0,-0.00112927,-9.20289e-07,0,0,0,-0.000462969,0,-1.08116e-09,0,0,-0.0470065,0,0,-0.0767899,0,0,0,-0.00441408,0,0,0]

Adding food 7062 (Fruit-flavored drink, powder, with high vitamin C, low calorie) : reduced cost is -114.648

20

Total Cholesterol = 4.1846

minShadowPrices = [0,0.000218317,0,0,0,2.71525e-06,0,0,0,0,0,0.450745,0,0,0,0.000483709,9.03445e-06,0,0,0,0,0,0,0,0,0.672326,0.000680393,0,0,0]

maxShadowPrices = [0,0,-5.85816e-05,0,0,0,0,-0.00047088,0,-0.00111075,-9.22107e-07,0,0,0,-0.000437637,0,0,0,0,-0.0538524,0,0,-0.0736158,0,0,0,0,0,0,0]

Adding food 1702 (Cereals ready-to-eat, GENERAL MILLS, Whole Grain TOTAL) : reduced cost is -37.4336

21

Total Cholesterol = 2.00293

minShadowPrices = [0,1.25915e-05,0,0,0,0,0,0.0082587,0,0,0,0,0,0,0,0.00216561,0,0.0010675,0,0,0,0,0,0,0,0.680549,0,0,0,0.000464254]

maxShadowPrices = [0,0,0,0,0,-3.89028e-05,-0.00304696,0,0,-3.22429e-07,-1.58889e-07,0,0,0,-0.00158757,0,-4.71338e-09,0,0,0,0,-0.187244,0,0,0,0,-0.00174104,0,0,0]

Adding food 1117 (Soup, clam chowder, new england, dehydrated, dry) : reduced cost is -23.0717

22

Total Cholesterol = 0.230472

minShadowPrices = [0,1.44887e-06,0,0,0,0,0,0.000950307,0,0,0,0,0,0,0,0.00024919,-5.42356e-10,0.000122835,0,0,0,0,0,0,0,0.0783089,0,0,0,5.34204e-05]

maxShadowPrices = [0,0,0,0,0,-4.47644e-06,-0.000350606,0,0,-3.7101e-08,-1.82829e-08,0,0,0,-0.000182678,0,0,0,0,0,0,-0.0215456,0,0,0,0,-0.000200337,0,0,0]

Adding food 1934 (Cereals ready-to-eat, KASHI Heart to Heart by KELLOGG) : reduced cost is -1.94807

23

Total Cholesterol = 0

minShadowPrices = [0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0]

maxShadowPrices = [0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0]

===============

Spices, basil, dried = 0.0366568

Salt, table = 0.0316501

Oil, vegetable, industrial, palm kernel (hydrogenated), confect = 0.655666

Cereals ready-to-eat, GENERAL MILLS, Whole Grain TOTAL = 0.162583

Cereals ready-to-eat, KASHI Heart to Heart by KELLOGG = 0.138502

Mushrooms, shiitake, dried = 0.227938

Nuts, brazilnuts, dried, unblanched = 0.18937

Water, bottled, non-carbonated, CALISTOGA = 49.9144

Soy protein isolate, potassium type, crude protein basis = 0.501168

Leavening agents, baking powder, double-acting, straight phosph = 0.0127767

Leavening agents, cream of tartar = 0.0850639

Rice bran, crude = 0.222594

Whale, beluga, eyes, raw (Alaska Native) = 0.00643321

Sweeteners, tabletop, fructose, dry, powder = 2.27871

Fruit-flavored drink, powder, with high vitamin C, low calorie = 0.107344

Total Cholesterol = 0

Total Calorie = 2000

Total Nutrients:

Protein = 56

Carbohydrate, by difference = 300

Calorie = 2000

Water = 5000

Energy = 8369.56

Calcium, Ca = 1000

Iron, Fe = 27.604

Magnesium, Mg = 400

Phosphorus, P = 1226.05

Potassium, K = 3500

Sodium, Na = 1500

Zinc, Zn = 16.2845

Copper, Cu = 3.15585

Manganese, Mn = 5.86523

Selenium, Se = 400

Vitamin A, RAE = 900

Vitamin E (alpha-tocopherol) = 30

Vitamin D = 400

Vitamin C, total ascorbic acid = 305.918

Thiamin = 2.10524

Riboflavin = 2.4888

Niacin = 35

Pantothenic acid = 12.5639

Vitamin B-6 = 4.51372

Folate, total = 580.5

Vitamin B-12 = 6

Vitamin K (phylloquinone) = 80

Cholesterol = 0

Fatty acids, total trans = 0

Fatty acids, total saturated = 65.5416

Total: 23 columns generated.