# USDA, FDA, and ODS-NIH Database for the Iodine Content of Common Foods 

## Release 2

Prepared by:<br>Janet M. Roseland ${ }^{1}$, Judith H. Spungen ${ }^{2}$, Kristine Y. Patterson ${ }^{1}$, Abby G. Ershow ${ }^{\mathbf{3}}$, Jaime J. Gahche ${ }^{\mathbf{3}}$, Pamela R. Pehrsson ${ }^{1}$<br>${ }^{1}$ Methods and Application of Food Composition Laboratory<br>Agricultural Research Service<br>U.S. Department of Agriculture<br>${ }^{2}$ Center for Food Safety and Applied Nutrition<br>U.S. Food and Drug Administration (FDA)<br>${ }^{3}$ Office of Dietary Supplements<br>National Institutes of Health

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Agricultural Research Service
Beltsville Human Nutrition Research Center
Methods and Application of Food Composition Laboratory (MAFCL)
10300 Baltimore Avenue
Building 005, Room 107, BARC - West
Beltsville, Maryland 20705 Tel. 301-504-0630
MAFCL web site: http://www.ars.usda.gov/nutrientdata
FoodData Central database web site: https://fdc.nal.usda.gov/
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## Introduction

Iodine is an essential mineral for human health, functioning as a component of thyroid hormones with important roles in growth and maturation, neurologic development, reproduction, and energy metabolism (Lee et al., 2016a; Rohner et al., 2014). Severe iodine deficiency during pregnancy and early childhood has serious effects on the developing fetus and infant and can cause permanent damage (Swanson et al., 2012). Goiter, enlargement of the thyroid gland, and other disturbances of thyroid function can be seen at all ages in individuals whose diets lack iodine at needed levels.

Adequate dietary iodine intake is crucial, with $150 \mu \mathrm{~g} / \mathrm{day}$ as the daily recommended dietary allowance (RDA) for ages 14 years and older, $220 \mu \mathrm{~g} /$ day for pregnant women, and $290 \mu \mathrm{~g} / \mathrm{day}$ for lactating women (Institute of Medicine, 2001; Rohner et al., 2014). On the other end of the spectrum, the tolerable upper intake level for iodine is $1100 \mu \mathrm{~g} / \mathrm{day}$ for adults (Institute of Medicine, 2001). Excessive intake also can result in adverse health effects such as thyroid dysfunction (e.g., goiter, hyperthyroidism), autoimmune thyroid disease, and cancer (Luo et al., 2014; Ershow et al., 2016).

Iodine intake in the U.S. population overall is generally considered sufficient, but subgroups identified as at-risk for iodine insufficiency include women of reproductive age, young adults, and non-Hispanic blacks, with a trend of increasing deficiency over a 12 -year period of the National Health and Nutrition Examination Survey (NHANES) from 2001-2012 (Lee et al., 2016a). Iodine insufficiency in the U.S. is a public health concern especially in pregnant women (Pearce, 2015). NHANES 2007-2010 results suggested that $55 \%$ of pregnant women and $37 \%$ of non-pregnant women of childbearing age had inadequate iodine intakes as measured by urinary iodine (Caldwell et al., 2013).

To assess iodine status, iodine intake must be estimated, which necessitates the availability of data on iodine content and variability for individual foods (Swanson et al., 2012). Workshops that were convened by the Office of Dietary Supplements, National Institutes of Health (NIH) with other scientists in 2011 and 2014, confirmed the need for food composition tables on iodine content (Swanson et al., 2012; Ershow et al., 2018). Thus, the impetus for this project has been the need for updated and expanded data on the iodine content of foods to address continued public health concerns. The database presented here has been developed, through collaboration between the U.S. Department of Agriculture (USDA) Methods and Application of Food Composition Laboratory (MAFCL) in Beltsville, MD, the U.S. Food and Drug Administration (FDA) Center for Food Safety and Applied Nutrition in College Park, MD and the Office of Dietary Supplements, National Institutes of Health, Bethesda, MD. This release includes about 425 foods.

## Background

The FDA collects about 270 kinds of food and beverage samples regionally as part of its Total Diet Study (TDS), and analyzes these samples for nutrient elements, including iodine. These data can be found on-line (FDA, 2020). The TDS program began in 1961, and analysis of TDS samples for iodine began in 1973. The TDS currently monitors levels of over 400 contaminants and nutrients in the average U.S. diet; the number varies slightly from year to year. Juan et al. (2016) used the TDS data and data on iodine concentrations in supplements, water, and salt, along with What We Eat In America (WWEIA), the dietary intake interview portion of NHANES, to estimate intakes of iodine from foods, water, and supplements for the U.S. population. Abt et al. (2018) used updated TDS iodine concentration data to estimate intakes of iodine from food sources.

More recently the USDA has also been analyzing iodine in foods and dietary supplements obtained nationwide (Pehrsson et al., 2016; Ershow et al., 2016; USDA, 2017). These have included notable dietary food sources of iodine e.g., seaweed, fish and other seafood, dairy foods, iodized salt, eggs, (Rohner et al., 2014; Lee et al., 2016b; Pehrsson et al., 2016) and dietary supplements of vitamins and minerals for adults, children, and pregnant women (USDA, 2017).

A wide range of iodine concentrations in individual foods and variable use of iodized salt at the table and in food preparation make intake assessment especially challenging (Swanson et al., 2012). Varying levels in foods are due to factors such as the amount of iodine in soil where crops are grown, extent of iodine supplementation to animals, use of iodophors as sanitizing agents, and iodine-containing ingredients in processed foods (Ershow et al., 2018). Iodine is present naturally at relatively high levels in seaweed, many saltwater fishes and other seafood, due to the ability to concentrate iodine from their seawater environment (Rohner et al., 2014).

## Analytical methodology and quality control

FDA's Kansas City Laboratory (Lenexa, KS), FDA's Maryland Laboratory (College Park, MD) and the USDA contract laboratory analyzed the foods for iodine using inductively coupled plasma mass spectrometry (ICP-MS). The USDA samples were solubilized using a strong base, a stabilizer was added followed by dilution and filtration prior to iodine analysis (Sullivan and Zywicki, 2012). The limit of quantitation (LOQ) for the analyses was $10 \mathrm{mcg} / 100 \mathrm{~g}$ of iodine for most of the foods and $50 \mathrm{mcg} / 100 \mathrm{~g}$ for the salt samples. FDA solubilized TDS samples using tetramethyl-ammonium hydroxide, and a hot block extraction system at $85^{\circ} \mathrm{C}$ was used to extract the available iodine (Todorov and Gray 2017). FDA's limit of detection (LOD) for iodine ranges from $0.01-0.04 \mathrm{mcg} / 100 \mathrm{~g}$, and the LOQ ranges from $0.1-0.5 \mathrm{mcg} / 100$ g.

Quality control materials used for analysis of the USDA samples included certified standard reference materials (SRMs) from the National Institute of Standards and Technology (NIST, Gaithersburg MD 20899): SRM 1548a, SRM 1549, SRM 1849, and SRM 3530. In addition, secondary reference materials from Virginia Tech (Phillips et al., 2006) that have been cross-validated against the SRMs were also used. FDA used SRM 1549a (whole milk powder) as a reference material for quality control of their iodine analyses. All the data, from the reference materials as well as the samples, were examined either by the quality control committee at USDA or by FDA, depending on the source of the data, before acceptance. As a crucial aspect of the data review process, a conservative approach was used; every value that seemed illogical was investigated and was rejected, or retested at the lab if possible, and was accepted only by consensus among the scientific panel after thorough consideration.

## Source and handling of samples: USDA

Many of the samples analyzed by USDA came from the National Food and Nutrient Analysis Program (NFNAP), which has been in progress since 1999 (Haytowitz and Pehrsson, 2018). The foods collected under this study, and other related studies, were processed by Virginia Tech, Blacksburg, VA. Foods that required preparation were made using directions on the packages. For most of the foods, other than milk, eggs, salt, almond beverage, and soy beverage, described below, samples from more than one location were combined.

Where appropriate, the samples were processed with liquid nitrogen, frozen and sent out for analysis with additional aliquots of the food samples stored long-term at $-60^{\circ} \mathrm{C}$. It was determined that iodine in the samples remains stable under such conditions, by having five samples with different matrices sent for iodine analysis and five years later analyzing aliquots of the same samples. The results did not show any loss of iodine over time, within the limits of analytical uncertainty.

While this program has been running for over 20 years, many if not most of the food samples are more recent. For example, the whole raw fresh eggs were collected and analyzed in 2019, and the other types of eggs, dried and frozen, primarily for commercial use, were collected in 2017. The non-flavored fluid milks were collected and analyzed in 2018-19. Also collected and analyzed in 2018-19 were the salt samples which included iodized table salt and iodized sea salt, as well as non-iodized sea salt.

Along with looking at the uptake of sodium by pasta boiled in salted water, Virginia Tech scientists had the pasta analyzed for iodine uptake since iodized salt was used (Bianchi et al., 2019). Included in the data are replicate samples using the recommended amount of salt in the cooking water based on the label instructions.

Some samples of white bread, whole wheat bread, and hamburger/hot dog rolls that were obtained in 2019 had labels listing potassium iodate or calcium iodate as a dough conditioner. These baked products were analyzed for iodine to provide information on the amount derived from the dough conditioner.

In an earlier study to determine the fluoride content of tap water in the U.S. (Pehrsson et al., 2006), USDA collected tap water samples from 144 locations around the country. A random subset of 40 of these archived water samples was analyzed for iodine by the FDA laboratory.

## Source and handling of samples: FDA

TDS data included in this iodine content database were limited to results for samples collected beginning in 2016, because of a change in analytical methodology at that time. Prior to 2016, TDS samples were analyzed for iodine concentrations using ultraviolet-visible (UV-VIS) spectrophotometry through the catalysis of the Cesium $+4 /$ Arsenic +3 reaction (adapted from Fischer et al., 1986). The ICP-MS method in use for iodine analysis since 2016 has limits of detection (LODs) and LOQs that are lower (i.e., better) than the older method, and there is less interference from other signals; these factors affect estimates of element concentrations and exposures.

After receipt of samples, FDA prepares foods as for consumption; for example, apples are washed, bananas are peeled, and oatmeal is cooked. Deionized water is used in washing, cooking, and beverage preparation. Non-iodized salt was used in cooking food mixtures (e.g., cornbread, scrambled eggs, tuna casserole), but no salt was used in cooking single items (e.g., cooked cereals, vegetables).

Prior to the 2018 fiscal year (October 2017 - September 2018), TDS foods were obtained in four regional market basket (MB) collections per year. For each regional collection, products purchased in each of the three cities within the region were composited to form single analytical samples. All TDS foods were collected in each MB.

The TDS food list and sampling plan were modified at the beginning of the 2018 fiscal year as part of FDA's modernization of the program. Some TDS foods were dropped, and others were added. TDS foods
were categorized as "regional" foods (possibly varying in nutrient or contaminant concentrations by region or season) or "national" foods (less likely to vary in nutrient and contaminant concentrations by region or season). Under the new sampling plan, regional TDS foods are collected in each of six U.S. regions, in each of two time periods (November - April and May - October), and results are presented as collection \#1 (October) through collection \#12 (September). For each regional collection, products purchased in each of the three cities within a collection region are composited to form single analytical samples. National foods are collected once per year, in Lenexa, KS and the results are presented as collection \#13.

In anticipation of the upcoming major change to the TDS sampling plan, FDA conducted a pilot of the new sampling procedures in the last market basket of 2017 (July). Available data include results for 86 regional foods.

Recent soy beverage and almond beverage sampling was done by USDA with analyses by FDA as described above. Convenience samples of 5 different brands of shelf stable soy beverage and 6 different brands of shelf stable almond beverage were obtained at large grocery stores in Columbia, MD and College Park, MD in August 2021. These samples were analyzed along with reference materials at FDA's laboratory in College Park, MD. These results, combined with data from FDA's TDS, were used to obtain mean, SD and range for each of the two beverage types. See Data Discussion section below concerning these listings in the datasets.

## Database formats, procedures, and notes

The tables provide a description for each food. The Nutrient Data Bank (NDB) numbers familiar to those using USDA's National Nutrient Database for Standard Reference (SR) file, and the TDS food numbers from FDA, are each shown for reference purposes. Descriptions of foods provided in the table may not exactly match SR or TDS descriptions. Foods listed without an SR or TDS number are foods that have not previously been reported in USDA or TDS composition data tables.

SR did not include data on the iodine content of foods. However, as previously noted, USDA arranged for stored NFNAP samples to be analyzed for iodine, focusing primarily on foods likely to have appreciable amounts of iodine, and the results of those analyses are included in FoodData Central (FDC). FDA posts TDS data on iodine concentrations on its TDS website, along with concentrations of other nutrient elements and contaminants (FDA, 2019).

When both FDA and USDA data were available for the same food types, the data were combined, as indicated in Data Source(s) column in the tables. Where only USDA or FDA is indicated, the data are solely from that source.

Footnotes are given where further descriptions or explanations of specific food descriptions are needed. The datasets also provide means, standard deviations, value ranges, and sample sizes.

Data are depicted in two different formats: 1) per 100 grams of food and 2) per serving. Per 100 g of food is the unit used both in USDA's previous SR file (Haytowitz and Pehrsson, 2018) and in the current FoodData Central (USDA ARS, 2019). For amounts per serving, the reference which was used for determining each serving size is shown in the "Serving Size Reference" column. Serving sizes were determined primarily by using the FDA's Reference Amounts Customarily Consumed (RACC) (FDA, 2018). For items not specified in RACC guidance, other references were consulted including USDA FoodData Central's SR Legacy,

FNDDS, and Branded Foods databases (USDA/ARS, 2019), American Egg Board (American Egg Board, 2021), the U.S. Dietary Guidelines for Americans (USDA/USHHS, 2020) and serving sizes from product labels (e.g., infant formulas). "Similar USDA item" is referenced for a few foods where the weight of an identical food was not available in SR Legacy so the weight of a comparable food in SR Legacy was used. For ease of use, some item weights per serving are rounded within a few grams.

## Data discussion

Care should be taken in using data means, especially where the number of analytical samples ( n ) is very low. As seen in foods having very large numbers ( n ) of samples analyzed, the variability in the iodine content can be high. However, even where the number of food samples is small, these data provide an estimate of the iodine content and indicate where additional data would be useful, or conversely, where it would not be productive to allocate research resources.

Also affecting the reporting of data on variability is the combining of food samples before analysis. For some foods, both FDA and USDA have homogenized two or more food samples together and then analyzed the composite sample for iodine. The resulting mean values are the best estimates of content, but lack information on variability. For the FDA national samples ( $\mathrm{n}=1$ ) and for the milk, egg and salt data reported by USDA, individual samples were analyzed and not combined with any other samples.

FDA's results for foods below the LOD are shown as zero (0), with values between the LOD and LOQ reported as the detected iodine concentrations. The USDA reports data below their LOQ as simply " $<$ ". When the USDA's LOQ is the only information available for a food, " $<$ " along with the LOQ is given, but if FDA had data on the same food type, an estimate of the USDA value was made based on the FDA data and included in the calculations. This impacted only 14 foods and 5 of those had USDA values both above and below the LOQ. Using only the higher data would have biased the values so the values below LOQ were estimated using business rules established for the USDA previous database for foods, SR. For the foods where all values were below LOQ and the FDA data was also low, the business rule applied gave estimates with low but not zero values.

It is clear from the data that when iodate dough conditioner is used in bakery production of breads, iodine content is far higher than when that conditioner is not used. Therefore, we separated out the data for breads known or suspected to contain iodate conditioners from those that did not and gave them separate entries in the database. These are white bread, whole wheat bread, white bread buns, and one type of fast-food sandwich bun. All of these have descriptions indicating that iodate dough conditioner has been used or is likely to have been used and have an NDB and/or TDS number with an asterisk. While high, none of the iodine values for these breads exceed the regulatory maximum based on the amount of iodate allowed by the FDA (FDA, 2019).

Our analyses of the convenience sampling of shelf-stable soy beverages revealed that two samples were considerably higher in iodine content than the other four samples. The ingredient labels of the higheriodine samples indicated presence of seaweed or its derivative, thus influencing iodine levels, so the seaweed-containing soy beverages have been reported separately in the datasets.

We have excluded a number of foods with high iodine levels that were likely due to presence of erythrosine (also known as FD\&C Red No. 3). Erythrosine is a cherry-colored dye used in foods such as decorating gels, glace cherries and other fruits, some candies, salmon spreads, bakery and snack foods, jellies, ice
creams, and popsicles (Gupta et al., 2006; Wenlock and Buss, 1982). ${ }^{1}$ Most forms of iodine in food are generally considered very bioavailable (easily absorbed), as high as $99 \%$ (Gonzali et al., 2017). The iodine content of erythrosine, however, has been found to have low bioavailability (Jahreis et al., 2001) and thus unlikely to be a significant contributor to iodine status.

These data contain only analytical data for iodine content of the foods. In some cases, the food described may not be in the form as consumed, e.g. raw rather than cooked. A direct estimate from raw to prepared is difficult since iodine could, for example, be lost during heating or by moving into cooking water. Estimated prepared values would need to be calculated by the researcher. A retention factor is a way to quantitate the amount of a nutrient remaining in the food after preparation. The principle of using a nutrient retention factor is based on investigations by Reinivuo et al., 2009; Schakel et al., 1997; and Murphy et al., 1975. The appropriate retention factor reflects the effects of food preparation on the food's nutrient content (USDA, 2007). For foods of significant iodine content with only raw data available, additional studies are planned in order to obtain cooked data for future releases of this database as well as to determine retention factors.

## Conclusions

The iodine datasets are a compilation of both USDA and FDA data with a wide variety of foods with about 424 entries. As more data become available subsequent releases with additional foods are anticipated. These data provide guidance for selecting additional foods for iodine analysis. These data also show where expanding the sample size with more analyses for foods with substantial iodine content would be beneficial.

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USDA, FDA and ODS-NIH Database for the lodine Content of Common Foods per 100 grams, Release 2, January 2022

| DB_ID | NDB No. | TDS No. | Description | $n$ | lodine <br> $\mathrm{mcg} / 100 \mathrm{~g}$ | SD | Min | Max | Source(s) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

## Dairy and Eggs

| 91 | 01001 | 164 | Butter, salted | 9 | 4.7 | 0.7 | 3.7 | 5.9 | FDA |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 359 | 01192 |  | Cheese product, made with 2\% reduced fat milk | 1 | 53.9 |  |  |  | USDA |
| 24 | 01253 | 10 | Cheese, American, processed | 27 | 58.6 | 19.3 | 35.3 | 112 | FDA/USDA |
| 25 | 01009 | 12 | Cheese, cheddar (sharp/mild) | 23 | 48.2 | 15.8 | 27.6 | 106 | FDA/USDA |
| 190 | 01025 | 391 | Cheese, Monterey Jack | 13 | 46.8 | 11.9 | 35 | 76.7 | FDA |
| 191 | 01029 | 392 | Cheese, mozzarella | 15 | 52.6 | 10.6 | 27 | 67.2 | FDA/USDA |
| 349 | 01032 |  | Cheese, parmesan, grated | 1 | 78.3 |  |  |  | USDA |
| 348 | 43379 |  | Cheese, processed, Swiss, low fat | 1 | 59.9 |  |  |  | USDA |
| 350 | 01036 |  | Cheese, ricotta, whole milk | 1 | 66 |  |  |  | USDA |
| 127 | 01040 | 236 | Cheese, Swiss | 20 | 120 | 108 | 33 | 437 | FDA |
| 161 | 01015 | 332 | Cottage cheese, creamed, reduced fat | 9 | 35.1 | 6.9 | 25.1 | 47.4 | FDA/USDA |
| 128 | 01017 | 237 | Cream cheese | 8 | 39.4 | 11.2 | 22.5 | 55.4 | FDA |
| 94 | 01068 | 168 | Cream substitute, non-dairy, fluid | 8 | 0.7 | 0.2 | 0.4 | 1 | FDA |
| 351 | 01053 |  | Cream, heavy whipping, fluid | 1 | 28 |  |  |  | USDA |
| 93 | 01049 | 167 | Cream, half \& half | 21 | 31.2 | 5.1 | 22.1 | 46.1 | FDA/USDA |
| 362 | 01258 |  | Egg, white, dried, stabilized, glucose reduced | 15 | 34 | 10.5 | 22.1 | 59 | USDA |
| 358 | 01172 |  | Egg, white, raw, frozen, pasteurized | 6 | <10 |  |  |  | USDA |
| 355 | 01133 |  | Egg, whole, dried | 17 | 274 | 52 | 202 | 407 | USDA |
| 353 | 01123 |  | Egg, whole, raw, fresh | 24 | 49.2 | 21.2 | 27 | 115 | USDA |
| 357 | 01171 |  | Egg, whole, raw, frozen, pasteurized | 14 | 61.6 | 13.9 | 45.1 | 80.9 | USDA |
| 356 | 01137 |  | Egg, yolk, dried | 17 | 349 | 66 | 261 | 437 | USDA |
| 354 | 01126 |  | Egg, yolk, raw, frozen, pasteurized | 15 | 177 | 52.5 | 75.5 | 267 | USDA |
| 34 | 01129 | 37 | Eggs, hard-boiled | 20 | 51.4 | 27.3 | 14.3 | 117 | FDA |
| 336 | 01132 | 35 | Eggs, scrambled with oil | 7 | 42.6 | 12.6 | 20.1 | 56.8 | FDA |
| 192 | 19270 | 393 | Ice cream, chocolate | 13 | 32.2 | 4.8 | 23.7 | 41.9 | FDA |
| 341 | 01243 | 177 | Ice cream, lowfat, vanilla | 7 | 45.2 | 9.8 | 27.1 | 56.3 | FDA |


| DB_ID | NDB No. | TDS No. | Description | n | Iodine $\mathrm{mcg} / 100 \mathrm{~g}$ | SD | Min | Max | Source(s) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 143 | 19095 | 286 | Ice cream, regular (not lowfat), vanilla | 19 | 39 | 6.3 | 25.8 | 52.9 | FDA |
| 22 | 01103 | 3 | Milk, chocolate, lowfat, fluid | 22 | 29.2 | 8 | 17.3 | 44.2 | FDA/USDA |
| 21 | 01079 | 2 | Milk, reduced fat (2\%), fluid | 44 | 36.5 | 14 | 19.9 | 102.7 | FDA/USDA |
| 352 | 01082 |  | Milk, lowfat (1\%), fluid | 24 | 36.1 | 15 | 12.9 | 85.2 | USDA |
| 23 | 01085 | 4 | Milk, skim, fluid | 44 | 34.6 | 10 | 15.4 | 65.1 | FDA/USDA |
| 20 | 01077 | 1 | Milk, whole, fluid | 44 | 34.3 | 11.6 | 17.6 | 83.8 | FDA/USDA |
| 154 | 01056 | 300 | Sour cream | 8 | 30.2 | 2.4 | 27.8 | 34.4 | FDA |
| 290 |  | 333 | Sour cream dip, any flavor | 7 | 25.3 | 6.1 | 16 | 31.2 | FDA |
| 295 | 01298 | 395/409 | Yogurt, frozen, vanilla | 13 | 43.4 | 7.7 | 25.7 | 57.7 | FDA |
| 361 | 01256 |  | Yogurt, Greek, plain, nonfat | 6 | 51.2 | 3.5 | 45 | 55.6 | USDA |
| 363 | 01284 |  | Yogurt, Greek, strawberry, lowfat | 1 | 41.9 |  |  |  | USDA |
| 364 | 01285 |  | Yogurt, Greek, strawberry, nonfat | 2 | 41.3 |  | 39.3 | 43.3 | USDA |
| 365 | 01286 |  | Yogurt, Greek, vanilla, nonfat | 2 | 50.5 |  | 49.3 | 51.6 | USDA |
| 126 | 01122 | 235 | Yogurt, fruit-flavored, lowfat | 9 | 32.2 | 6.5 | 23.9 | 42.5 | FDA/USDA |
| 222 | 01220 | 521 | Yogurt, vanilla, lowfat | 1 | 34.3 |  |  |  | FDA |
| Spices |  |  |  |  |  |  |  |  |  |
| 19 | 02047 | 909 | Salt, table, iodized | 25 | 5070 | 1120 | 3410 | 7430 | FDA/USDA |
| 372 |  |  | Sea salt, iodized | 9 | 4660 | 1140 | 2250 | 6080 | USDA |
| 373 |  |  | Sea salt, non-iodized | 27 | <50 |  |  |  | USDA |
| Soups, Sauces, Gravies and Condiments |  |  |  |  |  |  |  |  |  |
| 273 |  | 532 | Broth, chicken, ready-to-use from carton | 1 | 0.5 |  |  |  | FDA |
| 180 | 06116 | 374 | Brown gravy, canned or bottled | 8 | 1.6 | 0.2 | 1.2 | 2 | FDA |
| 412 | 27052 |  | Dip, salsa con queso (salsa with cheese) | 6 | 19 | 14.2 | 7.4 | 47.1 | USDA |
| 98 | 11935 | 173 | Ketchup, tomato, bottled | 8 | 1.1 | 0.4 | 0.7 | 1.9 | FDA |
| 152 | 02046 | 298 | Mustard, yellow, plain | 8 | 0.6 | 0.4 | 0 | 1 | FDA |
| 177 | 06164 | 359 | Salsa, tomato, bottled | 8 | 1.7 | 0.6 | 1.1 | 2.9 | FDA |
| 203 | 06150 | 405 | Sauce, barbecue, bottled | 12 | 2.8 | 1.7 | 0.9 | 7 | FDA |
| 366 | 06179 |  | Sauce, fish, ready-to-serve | 1 | 20.7 |  |  |  | USDA |


| DB_ID | NDB No. | TDS No. | Description | n | $\begin{gathered} \text { lodine } \\ \mathrm{mcg} / 100 \mathrm{~g} \end{gathered}$ | SD | Min | Max | Source(s) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 219 | 16123/16124 | 518 | Sauce, soy | 2 | 1 | 0.7 | 0.5 | 1.5 | FDA/USDA |
| 12 | 27050 | 373 | Sauce, sweet \& sour, bottled | 7 | 0.7 | 0.4 | 0.4 | 1.5 | FDA |
| 221 | 06931 | 520 | Sauce, tomato pasta, bottled | 1 | 1.3 |  |  |  | FDA |
| 5 | 06404 | 283 | Soup, bean with bacon/pork, canned, condensed, prepared with water | 7 | 0.3 | 0.1 | 0.1 | 0.4 | FDA |
| 274 |  | 533 | Soup, broccoli cheese, canned, ready to eat (RTE) | 1 | 4.8 |  |  |  | FDA |
| 246 |  | 155 | Soup, chicken noodle, canned, RTE | 8 | 1 | 0.3 | 0.7 | 1.5 | FDA |
| 230 | 27042 | 534 | Soup, clam chowder, New England, canned, RTE | 1 | 6.5 |  |  |  | FDA |
| 319 |  | 285 | Soup, clam chowder, New England, canned, condensed, prepared with whole milk | 7 | 19.5 | 5.1 | 13.2 | 26.9 | FDA |
| 275 |  | 535 | Soup, cream of mushroom, canned, RTE | 1 | 2.3 |  |  |  | FDA |
| 276 |  | 536 | Soup, cream of potato, canned, RTE | 1 | 3.7 |  |  |  | FDA |
| 262 |  | 367 | Soup, ramen noodles, prepared with water | 10 | 0.4 | 0.4 | 0 | 0.9 | FDA/USDA |
| 247 |  | 156 | Soup, tomato, canned, RTE | 8 | 0.7 | 0.2 | 0.5 | 1.1 | FDA |
| 231 | 06742 | 537 | Soup, vegetable beef, canned, RTE | 1 | 0.8 |  |  |  | FDA |
| 312 | 06471 | 157 | Soup, vegetable beef, canned, condensed, prepared with water | 7 | 1.1 | 0.4 | 0.8 | 2 | FDA |
| 277 |  | 538 | Soup, vegetable, canned, RTE | 1 | 0.9 |  |  |  | FDA |
| Baby Foods |  |  |  |  |  |  |  |  |  |
| 302 | 03165 | 730 | Baby food, apples with berries | 7 | 0.1 | 0.1 | 0 | 0.3 | FDA |
| 240 | 03163 | 731 | Baby food, apples with fruit other than berries | 8 | 0.1 | 0.1 | 0 | 0.2 | FDA |
| 122 | 03117 | 225 | Baby food, applesauce | 8 | 0.1 | 0.1 | 0 | 0.2 | FDA |
| 298 | 03143 | 717 | Baby food, apricots with mixed fruit | 7 | 0.3 | 0.1 | 0.2 | 0.4 | FDA |
| 157 | 43546 | 313 | Baby food, bananas | 8 | 0.1 | 0.1 | 0 | 0.4 | FDA |
| 123 | 03131 | 226 | Baby food, peaches | 19 | 0.2 | 0.2 | 0.1 | 0.9 | FDA |
| 124 | 03133 | 227 | Baby food, pears | 8 | 0.1 | 0 | 0.1 | 0.2 | FDA |
| 296 | 03159 | 713 | Baby food, pears and pineapple | 7 | 0.2 | 0.1 | 0 | 0.3 | FDA |
| 297 |  | 714 | Baby food, plums/prunes with apples or pears | 7 | 0.6 | 0.7 | 0 | 2.2 | FDA |


| DB_ID | NDB No. | TDS No. | Description | n | $\begin{gathered} \text { lodine } \\ \mathrm{mcg} / 100 \mathrm{~g} \end{gathered}$ | SD | Min | Max | Source(s) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 241 | 03139 | 736 | Baby food, prunes | 1 | 1.5 |  |  |  | FDA |
| 125 | 03166 | 230 | Baby food, juice, apple | 8 | 1.6 | 1.4 | 0.2 | 3.8 | FDA |
| 237 | 44074 | 712 | Baby food, juice, grape | 8 | 1.1 | 0.6 | 0.3 | 1.8 | FDA |
| 236 | 43408 | 711 | Baby food, juice, pear | 8 | 0.5 | 0.3 | 0.2 | 1.1 | FDA |
| 117 | 03100 | 218 | Baby food, carrots | 8 | 0.4 | 0.2 | 0.2 | 0.9 | FDA |
| 118 | 03092 | 219 | Baby food, green beans | 8 | 0.2 | 0.1 | 0.1 | 0.4 | FDA |
| 121 | 03121 | 223 | Baby food, peas | 8 | 0.2 | 0.1 | 0 | 0.4 | FDA |
| 159 | 03105 | 320 | Baby food, squash | 8 | 0.2 | 0.1 | 0.1 | 0.3 | FDA |
| 120 | 03109 | 221 | Baby food, sweet potatoes | 8 | 0.3 | 0.2 | 0.2 | 0.8 | FDA |
| 119 | 03279 | 220 | Baby food, vegetables, mixed | 8 | 0.4 | 0.2 | 0.2 | 0.7 | FDA |
| 278 |  | 701 | Baby food, cereal, mixed, prepared with water | 8 | 0.1 | 0.1 | 0 | 0.2 | FDA |
| 300 |  | 725 | Baby food, cereal, oatmeal with fruit, prepared with water | 7 | 0 | 0.1 | 0 | 0.1 | FDA |
| 258 |  | 323 | Baby food, cereal, oatmeal, prepared with water | 8 | 0.1 | 0.1 | 0 | 0.4 | FDA |
| 259 |  | 324 | Baby food, cereal, rice, prepared with water | 19 | 0.2 | 0.2 | 0 | 0.8 | FDA |
| 238 | 43523 | 721 | Baby food, fruit yogurt dessert | 8 | 19.7 | 4.7 | 13.7 | 28.6 | FDA |
| 257 |  | 317 | Baby food, biscuits, teething | 8 | 14.6 | 7 | 3 | 23 | FDA |
| 299 | 03214 | 723 | Baby food, cookies, arrowroot | 8 | 8.9 | 2.2 | 6.1 | 13.4 | FDA/USDA |
| 280 |  | 733 | Baby food, finger foods, puffed snack | 1 | 1.2 |  |  |  | FDA |
| 432 | 42284 |  | Baby food, finger food, baked product, cereal, fortified | 1 | <10 |  |  |  | USDA |
| 114 | 03069 | 214 | Baby food, chicken noodle dinner | 8 | 0.9 | 0.5 | 0.6 | 2 | FDA |
| 301 | 43008 | 726 | Baby food, chicken with rice | 7 | 0.7 | 0.5 | 0 | 1.3 | FDA |
| 279 |  | 732 | Baby food, macaroni and cheese with vegetables | 7 | 5.9 | 0.8 | 4.2 | 6.4 | FDA |
| 115 | 03045 | 215 | Baby food, pasta, tomato and beef | 8 | 1.9 | 0.3 | 1.5 | 2.4 | FDA |
| 242 | 03046 | 737 | Baby food, ravioli, cheese-filled, with tomato sauce | 1 | 4.7 |  |  |  | FDA |
| 111 | 03002 | 205 | Baby food, beef and broth/gravy | 8 | 1.3 | 0.8 | 0.4 | 3 | FDA |


| DB_ID | NDB No. | TDS No. | Description | n | $\begin{gathered} \text { lodine } \\ \mathrm{mcg} / 100 \mathrm{~g} \end{gathered}$ | SD | Min | Max | Source(s) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 343 | 03013 | 207 | Baby food, chicken and broth/gravy | 7 | 27.9 | 8.2 | 10.6 | 35.1 | FDA |
| 160 | 03016 | 328 | Baby food, turkey and broth/gravy | 8 | 1 | 0.2 | 0.6 | 1.2 | FDA |
| 116 | 03083 | 216 | Baby food, turkey and rice | 8 | 0.4 | 0.2 | 0 | 0.6 | FDA |
| 112 | 03055 | 211 | Baby food, vegetables and beef | 8 | 0.8 | 0.2 | 0.5 | 1.1 | FDA |
| 113 | 03073 | 212 | Baby food, vegetables and chicken | 8 | 0.6 | 0.2 | 0.4 | 0.9 | FDA |
| 239 | 03085 | 728 | Baby food, vegetables and turkey | 8 | 1.2 | 0.8 | 0 | 2.6 | FDA |
| 249 |  | 202/734 | Baby food, Infant formula, milk-based, iron fortified, ready-to-feed | 8 | 13.2 | 1.6 | 11.6 | 15.5 | FDA |
| 321 |  | 309/735 | Baby food, Infant formula, soy-based, ready-tofeed | 8 | 11.1 | 4.4 | 0.6 | 15.4 | FDA |
| 283 |  | 738 | Baby food, water, baby, bottled | 1 | 0.1 |  |  |  | FDA |
| Fats and Oils |  |  |  |  |  |  |  |  |  |
| 90 | 04691 | 162 | Margarine, salted | 8 | 1.6 | 1.5 | 0.5 | 3.9 | FDA |
| 92 | 04018 | 166 | Mayonnaise, regular, bottled | 8 | 5.9 | 0.9 | 5 | 7.6 | FDA |
| 182 | 04053 | 378 | Oil, olive | 8 | 0.3 | 0.2 | 0.1 | 0.5 | FDA |
| 183 | 04044 | 379 | Oil, vegetable | 8 | 0 | 0 | 0 | 0 | FDA |
| 433 | 43016 |  | Salad dressing, coleslaw, bottled | 1 | <10 |  |  |  | USDA |
| 329 | 43215 | 376 | Salad dressing, creamy/buttermilk type, lowcalorie, bottled | 7 | 12.7 | 2 | 9.2 | 14.7 | FDA |
| 328 |  | 375 | Salad dressing, creamy/buttermilk type, regular, bottled | 7 | 8.4 | 1.6 | 7.1 | 11.9 | FDA |
| 181 | 04114 | 377 | Salad dressing, Italian, regular, bottled | 8 | 0.8 | 0.4 | 0.4 | 1.7 | FDA |
| 217 | 04640 | 516 | Salad dressing, ranch, low-calorie, bottled | 1 | 8.2 |  |  |  | FDA |
| 218 | 04639 | 517 | Salad dressing, ranch, regular, bottled | 4 | 11.6 | 5.6 | 7.2 | 19 | FDA/USDA |
| Fruit |  |  |  |  |  |  |  |  |  |
| 54 | 09003 | 78 | Apple, red, with peel, raw | 20 | 0.1 | 0.1 | 0 | 0.6 | FDA |
| 59 | 09020 | 84 | Applesauce, bottled | 8 | 0.2 | 0.1 | 0 | 0.4 | FDA |
| 324 | 09026 | 348 | Apricots, canned in heavy/light syrup | 7 | 6.2 | 5 | 1.3 | 15.4 | FDA |


| DB_ID | NDB No. | TDS No. | Description | n | $\begin{gathered} \text { lodine } \\ \mathrm{mcg} / 100 \mathrm{~g} \end{gathered}$ | SD | Min | Max | Source(s) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 67 | 09037 | 97 | Avocado, raw | 20 | 0.6 | 0.8 | 0 | 3.4 | FDA |
| 56 | 09040 | 80 | Banana, raw | 20 | 0.3 | 0.8 | 0 | 3.5 | FDA |
| 196 | 09050 | 398 | Blueberries, raw | 13 | 0.3 | 0.3 | 0.1 | 1.1 | FDA |
| 64 | 09181 | 89 | Cantaloupe, raw/frozen | 20 | 0.3 | 0.2 | 0.1 | 0.8 | FDA |
| 62 | 09099 | 87 | Fruit cocktail, canned in light syrup | 8 | 4.9 | 2.7 | 0.3 | 10.3 | FDA |
| 65 | 09111 | 92 | Grapefruit, raw | 20 | 0.2 | 0.1 | 0 | 0.3 | FDA |
| 63 | 09132 | 88 | Grapes, seedless, red/green, raw | 20 | 0.4 | 0.2 | 0.2 | 1.1 | FDA |
| 153 | 09193 | 299 | Olives, black, pitted | 8 | 2.6 | 1.3 | 1.2 | 5.2 | FDA |
| 55 | 09200 | 79 | Orange, raw | 20 | 0.2 | 0.1 | 0.1 | 0.5 | FDA |
| 345 | 09239 | 254 | Peach, canned in light/medium syrup | 7 | 6.2 | 3.6 | 1.3 | 10.2 | FDA |
| 58 | 09236 | 83 | Peach, raw/frozen | 20 | 0.3 | 0.5 | 0.1 | 2.6 | FDA |
| 346 | 09256 | 255 | Pear, canned in light syrup | 7 | 0.1 | 0 | 0.1 | 0.2 | FDA |
| 60 | 09252 | 85 | Pear, with peel, raw | 20 | 0.1 | 0.2 | 0 | 0.7 | FDA |
| 309 | 09354 | 93 | Pineapple, canned in juice | 7 | 1.8 | 2.3 | 0.6 | 7.1 | FDA |
| 194 | 09266 | 396 | Pineapple, raw/frozen | 13 | 0.3 | 0.2 | 0.1 | 0.6 | FDA |
| 66 | 09298 | 95 | Raisins | 8 | 2.3 | 0.8 | 0.8 | 3.5 | FDA |
| 61 | 09316 | 86 | Strawberries, raw/frozen | 20 | 0.4 | 0.3 | 0.1 | 1.6 | FDA |
| 57 | 09326 | 81 | Watermelon, raw/frozen | 20 | 0.2 | 0.2 | 0 | 0.8 | FDA |
| Vegetables |  |  |  |  |  |  |  |  |  |
| 74 | 11012 | 115 | Asparagus, fresh/frozen, boiled | 20 | 0.8 | 0.8 | 0 | 3.9 | FDA |
| 340 | 11084 | 131 | Beets, canned | 7 | 0.4 | 0.4 | 0.1 | 1.2 | FDA |
| 72 | 11742 | 113 | Broccoli, fresh/frozen, boiled | 20 | 0.5 | 0.6 | 0 | 2.7 | FDA |
| 140 | 11099 | 263 | Brussels sprouts, fresh/frozen, boiled | 20 | 0.5 | 0.5 | 0 | 1.6 | FDA |
| 331 | 11110 | 110 | Cabbage, fresh, boiled | 8 | 0.1 | 0.1 | 0 | 0.3 | FDA |
| 204 | 11109 | 406 | Cabbage, raw | 12 | 0.4 | 0.4 | 0 | 1 | FDA |
| 175 | 11960 | 356 | Carrot, baby, raw | 20 | 1.4 | 1 | 0 | 3.5 | FDA |
| 313 | 11125 | 259 | Carrot, fresh, peeled, boiled | 7 | 0.5 | 0.6 | 0 | 1.6 | FDA |
| 75 | 11136 | 116 | Cauliflower, fresh/frozen, boiled | 20 | 0.6 | 0.8 | 0 | 3 | FDA |


| DB_ID | NDB No. | TDS No. | Description | n | $\begin{gathered} \text { lodine } \\ \mathrm{mcg} / 100 \mathrm{~g} \end{gathered}$ | SD | Min | Max | Source(s) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 73 | 11143 | 114 | Celery, raw | 20 | 1.6 | 2.2 | 0 | 8.9 | FDA |
| 70 | 11162 | 108 | Collards, fresh/frozen, boiled | 20 | 1.4 | 1.4 | 0 | 6.3 | FDA |
| 45 | 11172 | 55 | Corn, canned | 8 | 0.5 | 0.3 | 0.1 | 0.9 | FDA |
| 44 | 11179 | 54 | Corn, frozen, boiled | 20 | 0.4 | 0.4 | 0 | 1.4 | FDA |
| 79 | 11206 | 123 | Cucumber, peeled, raw | 20 | 0.6 | 0.5 | 0.1 | 2.1 | FDA |
| 315 | 11210 | 265 | Eggplant, fresh, without peel, boiled | 14 | 0.2 | 0.2 | 0 | 1 | FDA |
| 250 |  | 410 | Eggplant, with peel, baked | 12 | 0.7 | 0.5 | 0 | 1.4 | FDA |
| 78 | 11729 | 122 | Green beans, canned, drained solids | 8 | 0.4 | 0.5 | 0 | 1.2 | FDA |
| 77 | 11061 | 121 | Green beans, fresh/frozen, boiled | 20 | 0.6 | 0.8 | 0 | 2.6 | FDA |
| 71 | 11252 | 109 | Lettuce, iceberg, raw | 20 | 0.3 | 0.5 | 0 | 1.8 | FDA |
| 176 | 11253 | 357 | Lettuce, leaf, raw | 20 | 1.2 | 1.8 | 0.1 | 8 | FDA |
| 36 | 11032 | 42 | Lima beans, immature, frozen, boiled | 8 | 0.3 | 0.4 | 0 | 0.9 | FDA |
| 142 | 11584 | 268 | Mixed vegetables, frozen, boiled | 8 | 0.4 | 0.3 | 0 | 0.9 | FDA |
| 141 | 11260 | 264 | Mushrooms, raw | 20 | 0.3 | 0.1 | 0.1 | 0.6 | FDA |
| 434 |  |  | Nori, seaweed, dried | 3 | 2320 | 618 | 1640 | 2850 | USDA |
| 317 | 11279 | 267 | Okra, fresh/frozen, boiled | 7 | 1 | 0.6 | 0.3 | 1.8 | FDA |
| 82 | 11282 | 128 | Onion, mature, raw | 20 | 0.4 | 0.4 | 0 | 1.6 | FDA |
| 37 | 11313 | 46 | Peas, green, fresh/frozen, boiled | 8 | 0.2 | 0.4 | 0 | 1 | FDA |
| 80 | 11333 | 125 | Pepper, bell, green, raw | 20 | 0.4 | 0.6 | 0.1 | 2.7 | FDA |
| 89 | 11937 | 161 | Pickles, dill, cucumber | 8 | 0.7 | 0.6 | 0.3 | 1.7 | FDA |
| 83 | 11367 | 136 | Potato, peeled, boiled | 20 | 0.3 | 0.4 | 0 | 1.2 | FDA |
| 84 | 11674 | 137 | Potato, with peel, baked | 20 | 1 | 1.5 | 0 | 7 | FDA |
| 293 | 11371 | 354 | Potatoes, mashed, prepared from fresh | 7 | 6.2 | 3.6 | 3.8 | 14.2 | FDA |
| 220 | 11549 | 119/519 | Sauce, tomato, canned/bottled | 8 | 1 | 0.5 | 0 | 1.5 | FDA |
| 1 | 11458 | 107 | Spinach, fresh/frozen, boiled | 8 | 3.9 | 2.9 | 1 | 8.1 | FDA |
| 206 | 11457 | 408 | Spinach, raw | 12 | 6 | 3 | 2.1 | 10.8 | FDA |
| 332 | 11468 | 124 | Squash, summer, fresh/frozen, boiled | 8 | 0.3 | 0.1 | 0.1 | 0.5 | FDA |
| 205 | 11478 | 407 | Squash, summer, zucchini, fresh/frozen, boiled | 12 | 0.4 | 0.3 | 0.1 | 1 | FDA |


| DB_ID | NDB No. | TDS No. | Description | n | $\begin{gathered} \text { lodine } \\ \mathrm{mcg} / 100 \mathrm{~g} \end{gathered}$ | SD | Min | Max | Source(s) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 81 | 11644 | 126 | Squash, winter (Hubbard or acorn), fresh/frozen, boiled | 8 | 0.2 | 0.4 | 0 | 0.9 | FDA |
| 195 | 11508 | 397 | Sweet potato, baked, peel removed | 13 | 1.3 | 1 | 0 | 3 | FDA |
| 325 | 11514 | 358 | Sweet potato, canned | 7 | 0.7 | 0.8 | 0 | 2.3 | FDA |
| 76 | 11529 | 117 | Tomato, raw | 20 | 0.3 | 0.2 | 0 | 0.8 | FDA |
| 316 | 11567 | 266 | Turnip, fresh/frozen, boiled | 7 | 0.3 | 0.2 | 0 | 0.5 | FDA |
| Legumes |  |  |  |  |  |  |  |  |  |
| 270 | 16018 | 527 | Beans, black, canned, drained | 1 | 1 |  |  |  | FDA |
| 271 | 16145 | 528 | Beans, kidney, canned, drained | 1 | 1.1 |  |  |  | FDA |
| 228 | 16146 | 529 | Beans, pinto, canned, drained | 1 | 1.2 |  |  |  | FDA |
| 304 | 16043 | 38 | Beans, pinto, from dry, boiled | 7 | 0 | 0.1 | 0 | 0.2 | FDA |
| 167 | 16103 | 341 | Beans, refried, canned | 8 | 0.8 | 0.5 | 0 | 1.4 | FDA |
| 272 | 16051 | 530 | Beans, white, canned, drained | 1 | 0.8 |  |  |  | FDA |
| 323 | 16050 | 342 | Beans, white, from dry, boiled | 7 | 0.1 | 0.2 | 0 | 0.4 | FDA |
| 35 | 16009 | 39 | Beans, with pork, canned | 8 | 0.3 | 0.2 | 0.0 | 0.5 | FDA |
| 38 | 16167 | 47 | Peanut butter, smooth/creamy | 8 | 0.7 | 0.4 | 0 | 1.3 | FDA |
| 39 | 16090 | 48 | Peanuts, dry roasted, salted | 8 | 0.7 | 0.4 | 0 | 1.1 | FDA |
| 18 | 43137 | 544 | Veggie burger, soy based, baked | 1 | 9.7 |  |  |  | FDA |
| Nuts and Seeds |  |  |  |  |  |  |  |  |  |
| 227 | 12061 | 526 | Almonds, shelled | 1 | 1 |  |  |  | FDA |
| 168 | 12537 | 343 | Seeds, sunflower, shelled, salted, roasted | 8 | 0.3 | 0.4 | 0 | 0.9 | FDA |
| 201 | 12155 | 403 | Walnuts, shelled | 13 | 0.6 | 0.5 | 0 | 1.7 | FDA |
| Beverages including Juices |  |  |  |  |  |  |  |  |  |
| 110 | 14003 | 198 | Alcohol, beer | 8 | 0.9 | 0.6 | 0.2 | 2.1 | FDA |
| 207 | 14051 | 500 | Alcohol, distilled, vodka | 1 | 0.1 |  |  |  | FDA |
| 248 |  | 200 | Alcohol, distilled, whiskey/scotch | 1 | 0.1 |  |  |  | FDA |
| 342 | 14084 | $\begin{array}{r} \hline 199 / 501 / \\ 502 \end{array}$ | Alcohol, wine, red/white | 9 | 1.6 | 0.8 | 0.9 | 3.3 | FDA |


| DB_ID | NDB No. | TDS No. | Description | n | $\begin{gathered} \text { lodine } \\ \mathrm{mcg} / 100 \mathrm{~g} \\ \hline \end{gathered}$ | SD | Min | Max | Source(s) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 210 | 14091 | 503 | Beverage, almond, shelf stable | 7 | 0.3 | 0.3 | 0.09 | 0.9 | FDA/USDA |
| 211 | 14090 | 504 | Beverage, coconut water | 1 | 0.5 |  |  |  | FDA |
| 212 | 14060 | 505 | Beverage, energy | 1 | 0.2 |  |  |  | FDA |
| 213 | 16222 | 506 | Beverage, soy, shelf stable | 4 | 0.6 | 0.3 | 0.3 | 0.9 | FDA/USDA |
| 445 |  |  | Beverage, soy, shelf stable (with seaweed or seaweed derivative) | 2 | 4.9 | 2.9 | 2.9 | 6.9 | FDA/USDA |
| 264 |  | 507 | Beverage, sports | 1 | 0 |  |  |  | FDA |
| 374 | 14164 |  | Beverage, chocolate malt powder, prepared with 1\% milk, fortified | 1 | 28.1 |  |  |  | USDA |
| 108 | 14416 | 194 | Carbonated beverage, cola, low-calorie | 8 | 0.3 | 0.2 | 0 | 0.6 | FDA |
| 106 | 14148 | 191 | Carbonated beverage, cola, regular | 8 | 0.2 | 0.2 | 0 | 0.5 | FDA |
| 320 | 14144 | 306/508 | Carbonated beverage, fruit-flavored | 8 | 0.1 | 0.2 | 0 | 0.5 | FDA |
| 155 | 14209 | 305 | Coffee, brewed from ground | 8 | 0.2 | 0.1 | 0.1 | 0.3 | FDA |
| 13 | 14201 | 381 | Coffee, decaffeinated, from ground | 7 | 0.2 | 0.1 | 0.1 | 0.4 | FDA |
| 173 | 14242 | 351 | Cranberry juice cocktail, canned/bottled | 8 | 0.2 | 0.3 | 0 | 0.8 | FDA |
| 156 | 14651 | 307 | Fruit drink (5\%-25\% juice), canned/bottled | 8 | 0.6 | 0.2 | 0.3 | 0.9 | FDA |
| 107 | 14541 | 193 | Fruit drink from powder, reconstituted | 8 | 0.1 | 0.2 | 0 | 0.5 | FDA |
| 68 | 09400 | 99 | Juice, apple, bottled | 8 | 0.5 | 0.6 | 0 | 1.9 | FDA |
| 172 | 09444 | 350 | Juice, fruit blend (100\% juice), canned/bottled | 8 | 0.7 | 0.3 | 0.4 | 1.2 | FDA |
| 138 | 09130 | 257 | Juice, grape, bottled | 8 | 0.3 | 0.2 | 0.1 | 0.8 | FDA |
| 69 | 09123 | 100 | Juice, grapefruit, bottle/carton | 8 | 0.6 | 0.3 | 0.3 | 1.2 | FDA |
| 225 | 09152 | 524 | Juice, lemon, bottled | 1 | 3.2 |  |  |  | FDA |
| 174 | 09207 | 352 | Juice, orange, bottle/carton | 8 | 10.1 | 8.2 | 1.7 | 24.2 | FDA |
| 338 | 09209 | 98 | Juice, orange, from frozen concentrate, reconstituted | 7 | 0.4 | 0.2 | 0.2 | 0.7 | FDA |
| 137 | 09409 | 256 | Juice, pineapple, canned | 8 | 0.3 | 0.2 | 0 | 0.6 | FDA |
| 339 | 09294 | 103 | Juice, prune, bottled | 7 | 1.3 | 1.3 | 0.4 | 3.2 | FDA |
| 314 | 11886 | 261 | Juice, tomato, bottled | 7 | 1.1 | 0.3 | 0.7 | 1.4 | FDA |


| DB_ID | NDB No. | TDS No. | Description | n | $\begin{gathered} \text { lodine } \\ \mathrm{mcg} / 100 \mathrm{~g} \end{gathered}$ | SD | Min | Max | Source(s) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 226 | 11578 | 525 | Juice, tomato-vegetable, bottled | 1 | 0.4 |  |  |  | FDA |
| 310 | 14293 | 105 | Lemonade, from frozen concentrate, reconstituted | 7 | 0.1 | 0.1 | 0 | 0.2 | FDA |
| 322 |  | 331/509 | Meal replacement, liquid, ready to drink (RTD), assorted flavors | 8 | 43.8 | 44.9 | 18.2 | 142.7 | FDA |
| 215 | 14066 | 510 | Powder, protein | 1 | 75.8 |  |  |  | FDA |
| 109 | 14355 | 197 | Tea, brewed from tea bag | 8 | 0.1 | 0.1 | 0 | 0.4 | FDA |
| 14 | 14352 | 382 | Tea, decaffeinated, brewed from tea bag | 7 | 0.1 | 0.1 | 0 | 0.2 | FDA |
| 184 | 14555 | 380 | Water, mineral/spring, bottled | 20 | 0.3 | 0.2 | 0 | 0.7 | FDA |
| 439 | 14411 |  | Water, tap, drinking ${ }^{1}$ | 40 | 1.1 | 2 | 0 | 10.9 | USDA |
| Seafood |  |  |  |  |  |  |  |  |  |
| 389 | 15141 |  | Crustaceans, crab, blue, canned | 3 | 37.8 | 12.4 | 27.3 | 51.5 | USDA |
| 390 | 15148 |  | Crustaceans, lobster, northern, cooked, moist heat | 3 | 185 | 44 | 139 | 226 | USDA |
| 391 | 15149 |  | Crustaceans, shrimp, mixed species, raw | 9 | 14.7 | 10.7 | 7.4 | 38.5 | USDA |
| 132 | 15151 | 244 | Crustaceans, shrimp, precooked, shell removed, no tail | 24 | 15.4 | 11.6 | 3.4 | 54.8 | FDA/USDA |
| 33 | 15027 | 34 | Fish sticks or patty, frozen, oven-cooked | 12 | 68.7 | 29.5 | 25.2 | 134 | FDA/USDA |
| 165 | 15235 | 339 | Fish, catfish, pan-cooked with oil | 20 | 4.2 | 1.9 | 1.4 | 8.1 | FDA |
| 186 | 15192 | 387 | Fish, cod, baked | 13 | 186 | 70 | 95 | 327 | FDA |
| 375 | 15019 |  | Fish, cod, Pacific, raw | 7 | 131 | 68 | 51 | 241 | USDA |
| 376 | 15028 |  | Fish, flatfish (flounder and sole species), raw | 4 | 14.3 | 3.9 | 10.8 | 19.9 | USDA |
| 377 | 15033 |  | Fish, haddock, raw | 3 | 227 | 88 | 138 | 314 | USDA |
| 378 | 15036 |  | Fish, halibut, Atlantic and Pacific, raw | 5 | 8 | 1.3 | 7.4 | 10.3 | USDA |
| 379 | 15057 |  | Fish, ocean perch, Atlantic, raw | 4 | 9.3 | 2.2 | 7.4 | 11.5 | USDA |
| 396 | 15266 |  | Fish, pollock, Alaska, raw | 3 | 43.5 | 8.7 | 37.4 | 53.5 | USDA |
| 380 | 15070 |  | Fish, rockfish, Pacific, mixed species, raw | 3 | 14 | 4.8 | 10.7 | 19.5 | USDA |
| 421 | 35171 |  | Fish, salmon, chum, dried (Alaska Native) | 1 | 38.4 |  |  |  | USDA |


| DB_ID | NDB No. | TDS No. | Description | n | $\begin{gathered} \text { lodine } \\ \mathrm{mcg} / 100 \mathrm{~g} \\ \hline \end{gathered}$ | SD | Min | Max | Source(s) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 395 | 15260 |  | Fish, salmon, pink, canned, drained solids | 2 | 15.3 | 7.4 | 10 | 20.5 | USDA |
| 381 | 15083 |  | Fish, salmon, pink, raw | 5 | 26.2 | 15.7 | 11.8 | 49.7 | USDA |
| 384 | 15087 |  | Fish, salmon, sockeye, canned, drained solids | 1 | 22 |  |  |  | USDA |
| 382 | 15085 |  | Fish, salmon, sockeye, raw | 2 | 14.3 | 3.8 | 11.6 | 17 | USDA |
| 158 | 15237 | 318 | Fish, salmon, steaks/fillets, baked | 10 | 16.5 | 8.6 | 3.8 | 27.8 | FDA/USDA |
| 422 | 35184 |  | Fish, smelt, dried (Alaska Native) | 1 | 216 |  |  |  | USDA |
| 371 |  |  | Fish, swai, cooked | 2 | <10 |  |  |  | USDA |
| 385 | 15110 |  | Fish, swordfish, raw | 4 | 19.5 | 3.8 | 16.4 | 24.9 | USDA |
| 187 | 15262 | 388 | Fish, tilapia, baked | 13 | 4.6 | 1.5 | 2.5 | 8.7 | FDA |
| 386 | 15115 |  | Fish, trout, rainbow, wild, raw | 1 | <10 |  |  |  | USDA |
| 166 | 15121 | 340 | Fish, tuna, canned in water, drained | 13 | 8.5 | 1.8 | 6.6 | 11.9 | FDA/USDA |
| 388 | 15118 |  | Fish, tuna, fresh, bluefin, cooked, dry heat | 4 | 23 | 4.4 | 17.5 | 28.1 | USDA |
| 387 | 15117 |  | Fish, tuna, fresh, bluefin, raw | 4 | 17.6 | 5.9 | 11.5 | 25.5 | USDA |
| 420 | 35091 |  | Fish, whitefish, broad, including head, eyes, cheeks and soft bones (Alaska Native), raw | 1 | 33.6 |  |  |  | USDA |
| 392 | 15160 |  | Mollusks, clam, mixed species, canned, drained solids | 4 | 66.5 | 9.1 | 57.9 | 78 | USDA |
| 393 | 15169 |  | Mollusks, oyster, eastern, wild, cooked, moist heat | 3 | 109.1 | 25.6 | 81.4 | 132 | USDA |
| 394 | 15172 |  | Mollusks, scallop, mixed species, raw | 4 | <10 |  |  |  | USDA |
| Grains ${ }^{2}$ |  |  |  |  |  |  |  |  |  |
| 16 | 20081 | 900 | Flour, white, all-purpose | 1 | 2.4 |  |  |  | FDA |
| 53 | 20110 | 69 | Noodles, egg, enriched, boiled | 8 | 3.5 | 1.2 | 1.7 | 4.9 | FDA |
| 347 | 20321 |  | Pasta, enriched, boiled in water with iodized salt using amount per pasta label | 2 | 28.9 | 0 | 27.7 | 30.1 | USDA |
| 232 | 20134 | 539 | Pasta, rice noodles, cooked | 1 | 1.5 |  |  |  | FDA |
| 171 | 20121 | 347 | Pasta, spaghetti, enriched, boiled | 8 | 0.1 | 0.2 | 0 | 0.4 | FDA |
| 233 | 20125 | 540 | Pasta, whole wheat, cooked | 1 | 0.6 |  |  |  | FDA |


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| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 223 | 20137 | 522 | Quinoa, cooked | 1 | 1.1 |  |  |  | FDA |
| 200 | 20041 | 402 | Rice, brown, cooked | 13 | 0.6 | 0.4 | 0 | 1.6 | FDA |
| 40 | 20051 | 50 | Rice, white, enriched, cooked | 19 | 0.5 | 0.3 | 0 | 1.1 | FDA |
| Cereals |  |  |  |  |  |  |  |  |  |
| 254 |  | 74 | Cereal, bran with raisins | 8 | 1 | 0.4 | 0.6 | 1.7 | FDA |
| 253 |  | 71 | Cereal, corn flakes | 8 | 0.2 | 0.4 | 0 | 1.2 | FDA |
| 43 | 08091 | 53 | Cereal, corn/hominy grits, enriched, cooked | 8 | 0 | 0.1 | 0 | 0.2 | FDA |
| 42 | 08169 | 52 | Cereal, cream of wheat (farina), enriched, cooked | 8 | 0.2 | 0.5 | 0 | 1.3 | FDA |
| 255 |  | 75 | Cereal, crisped rice | 8 | 0.4 | 0.3 | 0 | 0.8 | FDA |
| 306 |  | 72 | Cereal, fruit-flavored, sweetened ${ }^{3}$ | 7 | 0.7 | 0.5 | 0.2 | 1.5 | FDA/USDA |
| 266 |  | 512 | Cereal, granola | 1 | 10.8 |  |  |  | FDA |
| 308 |  | 76 | Cereal, granola with raisins | 7 | 14.2 | 4 | 9.4 | 20.2 | FDA |
| 256 |  | 77 | Cereal, oat ring | 8 | 0.9 | 0.3 | 0.4 | 1.2 | FDA |
| 267 |  | 513 | Cereal, oat ring, honey | 1 | 1.5 |  |  |  | FDA |
| 41 | 08121 | 51 | Cereal, oatmeal, plain, cooked | 8 | 0.3 | 0.4 | 0 | 1.1 | FDA |
| 307 |  | 73 | Cereal, shredded wheat | 7 | 0.1 | 0.2 | 0 | 0.6 | FDA |
| 268 |  | 514 | Cereal, shredded wheat, frosted | 1 | 0.9 |  |  |  | FDA |
| 269 |  | 515 | Cereal, whole wheat, cooked | 1 | 0.5 |  |  |  | FDA |
| Baked Products |  |  |  |  |  |  |  |  |  |
| 133 | 18002 | 249 | Bagel, plain, toasted | 21 | 1.5 | 2 | 0 | 9.3 | FDA/USDA |
| 305 | 18015 | 61 | Biscuits, refrigerated-type, baked | 8 | 3.2 | 2.3 | 0.7 | 7.4 | FDA/USDA |
| 344 | 28397 | 248 | Bread, multigrain ${ }^{4}$ | 4 | 1.8 | 2 | 0 | 4.4 | FDA |
| 337 | 18060 | 64 | Bread, rye | 7 | 0.6 | 0.3 | 0 | 0.9 | FDA |
| 199 | 18350 | 401 | Bread, white roll/bun (hamburger/hotdog) ${ }^{5}$ | 8 | 2.2 | 3 | 0 | 9.5 | FDA/USDA |
| 442 | 18350* | 401* | Bread, white roll/bun (hamburger/hotdog), with iodate dough conditioner | 11 | 1196 | 292 | 828 | 1730 | FDA/USDA |


| DB_ID | NDB No. | TDS No. | Description | n | $\begin{gathered} \text { lodine } \\ \mathrm{mcg} / 100 \mathrm{~g} \end{gathered}$ | SD | Min | Max | Source(s) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 46 | 18069 | 58 | Bread, white, enriched, pre-sliced ${ }^{6}$ | 12 | 1.9 | 2.5 | 0 | 9.5 | FDA/USDA |
| 440 | 18069* | 58* | Bread, white, enriched, pre-sliced, with iodate dough conditioner | 13 | 639 | 210 | 388 | 1180 | FDA/USDA |
| 48 | 18075 | 62 | Bread, whole-wheat, commercially prepared ${ }^{7}$ | 13 | 2.8 | 2.3 | 0.7 | 9.5 | FDA |
| 441 | 18075* | 62* | Bread, whole-wheat, commercially prepared, with iodate dough conditioner | 5 | 618 | 244 | 357 | 1010 | FDA/USDA |
| 15 | 18079 | 903 | Breadcrumbs | 1 | 180 |  |  |  | FDA |
| 170 | 18362 | 345 | Breakfast tart/toaster pastry ${ }^{8}$ | 7 | 3 | 2 | 0 | 5.4 | FDA |
| 146 | 18151 | 291 | Brownie, commercially prepared | 8 | 10.5 | 13.4 | 0.9 | 42.2 | FDA |
| 99 | 18096 | 178 | Cake, chocolate with chocolate icing, commercially prepared ${ }^{9}$ | 19 | 7.6 | 2 | 4.1 | 10.9 | FDA |
| 263 |  | 369 | Cake, white with white icing, commercially prepared ${ }^{10}$ | 18 | 17.4 | 19 | 4.6 | 72.1 | FDA |
| 399 | 18140 |  | Cake, yellow with chocolate frosting, commercially prepared | 3 | 8.3 | 1.5 | 7.4 | 10 | USDA |
| 185 | 18964 | 386 | Cinnamon roll, from package, iced | 15 | 5.1 | 2.9 | 1.3 | 11.6 | FDA |
| 100 | 18160 | 183 | Cookies, from package, chocolate chip | 9 | 1.4 | 0.9 | 0.2 | 2.7 | FDA/USDA |
| 101 | 18166 | 184 | Cookies, from package, sandwich with crème filling | 8 | 0.5 | 0.4 | 0 | 1.1 | FDA |
| 147 | 18204 | 292 | Cookies, from package, sugar ${ }^{11}$ | 6 | 5.6 | 2.3 | 2.5 | 8.9 | FDA |
| 47 | 18024 | 60 | Cornbread, homemade | 8 | 21.5 | 6.4 | 12.3 | 31 | FDA |
| 398 | 18023 |  | Cornbread, from dry mix, prepared with 2\% milk, margarine, and eggs | 1 | 16.7 |  |  |  | USDA |
| 136 | 18229 | 252 | Crackers, butter-type | 8 | 0.6 | 0.7 | 0 | 2 | FDA |
| 229 | 18214 | 531 | Crackers, cheese, regular | 2 | 14.3 |  | 10.3 | 18.3 | FDA/USDA |
| 135 | 18173 | 251 | Crackers, graham | 8 | 0.9 | 0.5 | 0.3 | 1.5 | FDA |
| 51 | 18228 | 66 | Crackers, saltine | 8 | 0.5 | 0.3 | 0 | 0.8 | FDA |


| DB_ID | NDB No. | TDS No. | Description | n | $\begin{gathered} \text { Iodine } \\ \mathrm{mcg} / 100 \mathrm{~g} \end{gathered}$ | SD | Min | Max | Source(s) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 145 | 18248 | 290 | Doughnut, cake-type, plain, commercially prepared | 8 | 17.4 | 16 | 5.1 | 41.2 | FDA |
| 134 | 18437 | 250 | English muffin, plain, toasted | 20 | 2.4 | 3.3 | 0 | 15.4 | FDA |
| 50 | 18274 | 65 | Muffin, blueberry, commercially prepared | 20 | 12.9 | 5.8 | 8 | 34.5 | FDA |
| 169 | 18936 | 344 | Pancakes, frozen, heated | 10 | 6.8 | 1.9 | 3.2 | 10.4 | FDA/USDA |
| 234 | 18335 | 541 | Pie crust, commercially prepared | 1 | 1.3 |  |  |  | FDA |
| 102 | 18443 | 185 | Pie, apple, fresh/frozen, commercially prepared | 8 | 0.6 | 0.5 | 0 | 1.2 | FDA |
| 103 | 18326 | 186 | Pie, pumpkin, fresh/frozen, commercially prepared | 8 | 22.2 | 3.8 | 17.5 | 29.5 | FDA |
| 3 | 18244 | 182 | Sweet roll/Danish pastry | 4 | 6 | 1.4 | 4.4 | 7.7 | FDA |
| 198 | 18363 | 400 | Tortilla, corn | 1 | 1 |  |  |  | FDA |
| 49 | 18970 | 63 | Tortilla, flour | 19 | 1.1 | 0.9 | 0 | 3.5 | FDA |
| Sweets and Snacks |  |  |  |  |  |  |  |  |  |
| 216 | 19919 | 511 | Candy, fruit snacks | 1 | 0.4 |  |  |  | FDA |
| 178 | 19155 | 371 | Candy bar (chocolate, nougat, and nuts) | 8 | 17.1 | 3.1 | 13.5 | 21.8 | FDA |
| 104 | 19120 | 187 | Candy bar, milk chocolate, plain | 8 | 46.8 | 4.9 | 36.8 | 54.1 | FDA |
| 148 | 19107 | 293 | Candy, hard, assorted flavors | 8 | 9.6 | 13.6 | 0.2 | 35.4 | FDA |
| 85 | 19411 | 138 | Chips, potato | 8 | 3 | 3.7 | 0.6 | 9.1 | FDA |
| 402 | 19412 |  | Chips, potato, made from dried potatoes, cheeseflavor | 1 | 1.5 |  |  |  | USDA |
| 52 | 25028 | 67 | Chips, corn/tortilla | 8 | 1.4 | 1.6 | 0.1 | 4.5 | FDA |
| 105 | 19173 | 190 | Gelatin dessert, assorted flavors, prepared | 8 | 0.5 | 0.4 | 0.1 | 1.4 | FDA |
| 224 | 19015 | 523 | Granola bar | 1 | 2.6 |  |  |  | FDA |
| 327 |  | 370 | Granola bar, with raisins | 7 | 2 | 1.6 | 0.6 | 4.6 | FDA |
| 97 | 19296 | 172 | Honey | 8 | 0.6 | 0.2 | 0.4 | 1.1 | FDA |
| 151 | 19300 | 296 | Jelly, assorted flavors | 8 | 0.9 | 0.7 | 0.2 | 2.1 | FDA |
| 144 | 19283 | 288 | Popsicle, fruit-flavored ${ }^{12}$ | 2 | 1.5 |  | 0.4 | 2.5 | FDA |
| 179 | 25026 | 372 | Popcorn, microwave, butter-flavored | 8 | 0.2 | 0.2 | 0 | 0.5 | FDA |


| DB_ID | NDB No. | TDS No. | Description | n | Iodine $\mathrm{mcg} / \mathbf{1 0 0 g}$ | SD | Min | Max | Source(s) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 149 | 19047 | 294 | Pretzels, hard, salted | 8 | 0.7 | 0.4 | 0.3 | 1.2 | FDA |
| 235 | 19183 | 542 | Pudding, ready-to-eat, chocolate | 1 | 13.3 |  |  |  | FDA |
| 326 |  | 368 | Pudding, ready-to-eat, assorted flavors other than chocolate | 7 | 4.7 | 1.9 | 3 | 7.6 | FDA |
| 401 | 19193 |  | Pudding, rice, ready-to-eat | 1 | 27.5 |  |  |  | USDA |
| 289 | 19097 | 287 | Sherbet, fruit-flavored ${ }^{13}$ | 3 | 14.5 | 0.7 | 13.7 | 15.1 | FDA |
| 330 |  | 385 | Sorbet, fruit-flavored | 4 | 1.1 | 0.6 | 0.3 | 1.8 | FDA |
| 95 | 19335 | 169 | Sugar, white, granulated | 8 | 0.1 | 0.2 | 0 | 0.4 | FDA |
| 150 | 19348 | 295 | Syrup, chocolate | 8 | 0.7 | 0.6 | 0.3 | 2 | FDA |
| 96 | 19129 | 170 | Syrup, pancake | 8 | 0.2 | 0.1 | 0.1 | 0.4 | FDA |
| Mixed Dishes |  |  |  |  |  |  |  |  |  |
| 284 |  | 269 | Beef stroganoff with noodles, homemade | 7 | 6.2 | 1 | 5.3 | 8.1 | FDA |
| 88 | 22906 | 152 | Chicken potpie, frozen, heated | 8 | 3.1 | 1 | 1.9 | 4.7 | FDA |
| 86 | 22904 | 145 | Chili con carne with beans, canned | 8 | 2.1 | 0.6 | 1.3 | 2.8 | FDA |
| 294 | 21127 | 355 | Coleslaw, mayonnaise-type, from grocery/deli | 7 | 1.8 | 0.8 | 1 | 2.8 | FDA |
| 411 | 22973 |  | Corn dogs, frozen, prepared | 1 | 23.7 |  |  |  | USDA |
| 6 | 22977 | 361 | Lasagna with meat, frozen, heated | 7 | 8.4 | 1.1 | 7 | 9.8 | FDA |
| 418 | 32019 |  | Lasagna, cheese, frozen, unprepared | 5 | 10.7 | 3.4 | 7.4 | 15 | USDA |
| 87 | 22960 | 146 | Macaroni and cheese, prepared from box mix | 15 | 19.4 | 4.4 | 11.2 | 28.7 | FDA/USDA |
| 291 |  | 346 | Macaroni salad, from grocery/deli | 7 | 3.2 | 1.2 | 1.9 | 5.3 | FDA |
| 245 |  | 148 | Meatloaf, beef, homemade | 7 | 15.5 | 10.7 | 8.1 | 34.4 | FDA |
| 416 | 32008 |  | Pasta mix, classic cheeseburger macaroni, unprepared | 1 | <10 |  |  |  | USDA |
| 417 | 32010 |  | Pasta mix, Italian lasagna, unprepared | 2 | 11.3 | 5.4 | 7.4 | 15.1 | USDA |
| 409 | 21505 |  | Pizza, cheese topping, thin crust, frozen, baked | 7 | 23.3 | 5 | 16.2 | 29.3 | USDA |
| 410 | 22971 |  | Potato salad with egg | 5 | <10 |  |  |  | USDA |
| 292 |  | 353 | Potato salad, mayonnaise-type, from grocery/deli | 7 | 2.6 | 1.7 | 0 | 5 | FDA |


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| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 244 |  | 142 | Spaghetti with meat sauce, homemade | 7 | 1.8 | 0.6 | 1 | 2.6 | FDA |
| 438 |  |  | Sushi, California roll | 3 | 31 | 9.5 | 20 | 36.6 | USDA |
| 415 | 32007 |  | Taquitos, frozen, beef and cheese, oven-heated | 1 | <10 |  |  |  | USDA |
| 414 | 32006 |  | Taquitos, frozen, chicken and cheese, ovenheated | 1 | <10 |  |  |  | USDA |
| 285 |  | 272 | Tuna noodle casserole, homemade | 7 | 16.1 | 9.3 | 10.5 | 36.1 | FDA |
| 419 | 32037 |  | Turnover, pepperoni pizza | 1 | 20.9 |  |  |  | USDA |
| Fast Foods |  |  |  |  |  |  |  |  |  |
| 197 | 21142 | 399 | Biscuits, fast food | 5 | 10.5 | 3.9 | 6.7 | 16.5 | FDA/USDA |
| 10 | 21064 | 365 | Burrito with beef, beans and cheese, from Mexican carry-out | 7 | 5.4 | 2.2 | 2.7 | 9.8 | FDA |
| 162 | 21469 | 336 | Chicken breast, fried, with skin, fast food ${ }^{14}$ | 18 | 4 | 1.5 | 2.1 | 6.7 | FDA |
| 164 | 21470 | 338 | Chicken leg, fried, with skin, fast food | 20 | 2.4 | 0.7 | 1 | 3.8 | FDA |
| 131 | 21229 | 241 | Chicken nuggets, fast food | 20 | 1.9 | 1.4 | 0.5 | 7.3 | FDA |
| 303 | 01110 | 7 | Milk shake, chocolate, fast food | 7 | 35.3 | 9.4 | 22.6 | 45.4 | FDA |
| 193 | 01111 | 394 | Milk shake, vanilla, fast food | 13 | 35.9 | 6.8 | 21.7 | 45.3 | FDA |
| 318 | 21302 | 281 | Pizza, cheese and pepperoni, regular crust, from pizza carry-out | 11 | 11.7 | 4.4 | 7.1 | 19.6 | FDA/USDA |
| 202 | 21299 | 404 | Pizza, cheese, fast food | 15 | 12.6 | 2.9 | 7.3 | 17.3 | FDA/USDA |
| 435 |  |  | Pizza, crust only, fast food | 9 | <10 |  |  |  | USDA |
| 408 | 21484 |  | Pizza, with sausage topping, regular crust, fast food | 1 | 13.2 |  |  |  | USDA |
| 139 | 21138 | 258 | Potatoes, French fries, fast food | 20 | 2.2 | 2.2 | 0 | 10.2 | FDA |
| 2 | 21112 | 147 | Sandwich, hamburger, single, large patty, fast food | 7 | 3.3 | 1.4 | 2 | 5.9 | FDA |
| 406 | 21092 |  | Sandwich, cheeseburger, double, regular patty, plain, fast food | 8 | 11.1 | 2.7 | 7.4 | 14.6 | USDA |


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| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 443 | 21092* |  | Sandwich, cheeseburger, double, regular patty, fast food (bun w iodate dough conditioner) | 4 | 278 | 96 | 164 | 392 | USDA |
| 286 | 21096 | 275 | Sandwich, cheeseburger, single, large patty, fast food | 9 | 10.3 | 2.2 | 7.4 | 14.5 | FDA/USDA |
| 11 | 21490 | 366 | Sandwich, chicken filet (broiled) sandwich, fast food | 7 | 1.8 | 1.6 | 0.4 | 4.5 | FDA |
| 288 | 21021 | 278 | Sandwich, egg, cheese, and ham on English muffin, fast food | 8 | 24.5 | 5.9 | 16.1 | 31.8 | FDA/USDA |
| 287 | 21105 | 276 | Sandwich, fish, fast food | 10 | 36.2 | 12.3 | 22.9 | 56.9 | FDA/USDA |
| 405 | 21059 |  | Shrimp, breaded and fried, fast food | 2 | <10 |  |  |  | USDA |
| 4 | 21486 | 279 | Taco/tostada with beef and cheese, from Mexican carry-out | 7 | 7 | 2.7 | 4.4 | 11.9 | FDA |
| Restaurant Foods (excluding Fast Food Restaurants) |  |  |  |  |  |  |  |  |  |
| 7 | 36603 | 362 | Beef with vegetables in sauce, restaurant, Chinese | 7 | 4.3 | 5.2 | 0.6 | 15.6 | FDA |
| 428 | 36050 |  | Cheese enchilada, restaurant, Mexican | 1 | 16.1 |  |  |  | USDA |
| 429 | 36052 |  | Cheese quesadilla, restaurant, Mexican | 1 | 23.1 |  |  |  | USDA |
| 430 | 36055 |  | Cheese ravioli with marinara sauce, restaurant, Italian | 1 | 21.5 |  |  |  | USDA |
| 8 | 36626 | 363 | Chicken with vegetables in sauce, restaurant, Chinese | 7 | 3.8 | 4.6 | 0.8 | 12.6 | FDA |
| 444 | 36033 |  | Fish fillet, parmesan crusted tilapia, restaurant, family style | 1 | 13.1 |  |  |  | USDA |
| 436 |  |  | Fish, salmon, grilled, restaurant | 1 | $<10$ |  |  |  | USDA |
| 423 | 36012 |  | Fried mozzarella sticks, restaurant, family style | 3 | 38.1 | 4.1 | 34.2 | 42.3 | USDA |
| 9 | 36602 | 364 | Fried rice, meatless, restaurant, Chinese | 7 | 5.5 | 5.6 | 1.2 | 16.9 | FDA |
| 427 | 36041 |  | Lasagna with meat, restaurant, Italian | 1 | 27.5 |  |  |  | USDA |
| 425 | 36017 |  | Macaroni \& cheese, from kids' menu, restaurant, family style | 10 | 22.4 | 7.4 | 12.9 | 32.3 | USDA |


| DB_ID | NDB No. | TDS No. | Description | n | $\begin{gathered} \text { lodine } \\ \mathrm{mcg} / 100 \mathrm{~g} \\ \hline \end{gathered}$ | SD | Min | Max | Source(s) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 431 | 36620 |  | Shrimp and vegetables, restaurant, Chinese | 1 | <10 |  |  |  | USDA |
| Sausage and Luncheon Meats |  |  |  |  |  |  |  |  |  |
| 32 | 07959 | 29 | Bologna (beef/pork) | 8 | 26.8 | 9.7 | 15.1 | 43.5 | FDA |
| 31 | 07949 | 28 | Frankfurter, beef/pork, boiled | 7 | 4.1 | 1.4 | 2.8 | 7 | FDA |
| 369 | 07945 |  | Frankfurter, beef, heated | 2 | <10 |  |  |  | USDA |
| 261 | 07081 | 335/543 | Luncheon meat (chicken/turkey) | 8 | 3.7 | 1.1 | 1.8 | 5.1 | FDA |
| 129 | 07028 | 239 | Luncheon meat, ham | 8 | 1.4 | 0.6 | 0.8 | 2.4 | FDA |
| 188 | 07072 | 389 | Salami, dry/hard | 18 | 13.3 | 11.1 | 4.2 | 47.7 | FDA/USDA |
| 243 |  | 30 | Salami, luncheon-meat type (not hard) | 7 | 12.3 | 8 | 3.5 | 23.2 | FDA |
| 367 | 07019 |  | Sausage, pork, chorizo, raw | 1 | 29.8 |  |  |  | USDA |
| 28 | 07953 | 19 | Sausage, pork, oven-cooked | 20 | 4 | 2.5 | 1.2 | 10.7 | FDA |
| Meats |  |  |  |  |  |  |  |  |  |
| 130 | 05064 | 240 | Chicken breast, oven-roasted (skin removed) | 20 | 2 | 1.8 | 0.2 | 8.1 | FDA |
| 163 | 05098 | 337 | Chicken thigh, oven-roasted (skin removed) | 20 | 1.3 | 0.5 | 0.3 | 2.5 | FDA |
| 30 | 05192 | 26 | Turkey breast, oven-roasted ${ }^{15}$ | 19 | 2.1 | 1.3 | 0 | 4.9 | FDA |
| 189 | 05306 | 390 | Turkey, ground, pan-cooked | 13 | 5.5 | 4.3 | 0.8 | 16.9 | FDA |
| 26 | 10136 | 17 | Ham, cured (not canned), baked | 20 | 1.5 | 1.5 | 0 | 5.9 | FDA |
| 29 | 10860 | 20 | Pork bacon, oven-cooked | 20 | 1.9 | 0.8 | 0.8 | 3.9 | FDA |
| 27 | 10179 | 18 | Pork chop, pan-cooked with oil | 20 | 1 | 0.8 | 0 | 3.4 | FDA |
| 333 |  | 21 | Pork roast, loin, oven-roasted | 7 | 0.4 | 0.3 | 0 | 0.9 | FDA |
| 335 | 17204 | 27 | Beef/calf, liver, pan-cooked with oil | 7 | 16.4 | 5 | 7.7 | 21.6 | FDA |
| 251 |  | 13 | Beef, ground, pan-cooked | 20 | 8 | 3.4 | 3.8 | 18.9 | FDA |
| 334 |  | 14 | Beef roast, chuck, oven-roasted | 8 | 3.8 | 2.2 | 1.8 | 8.2 | FDA |
| 260 |  | 334 | Beef steak, loin/sirloin, broiled | 19 | 4.7 | 1.3 | 2.9 | 8.1 | FDA |
| 252 |  | 22 | Lamb chop, pan-cooked with oil | 20 | 3 | 2.5 | 0.8 | 12.3 | FDA |

*TDS and/or NDB identifiers with asterisks indicate products that differ from the generic product in that they contain iodate dough conditioners
${ }^{1}$ USDA water samples analyzed by FDA
${ }^{2}$ Grain products prepared without salt unless otherwise noted
${ }^{3}$ Omitted sample with 386 mcg I/100g, value probably from FD\&C Red No. 3 food coloring
${ }^{4}$ Omitted 3 samples with values from $72-224 \mathrm{mcg} 1 / 100 \mathrm{~g}$ - probably mixture of breads with and without iodate dough conditioners
${ }^{5}$ Omitted 4 samples with values from $130-416 \mathrm{mcg} \mathrm{I} / 100 \mathrm{~g}$ - probably mixture of breads with and without iodate dough conditioners
${ }^{6}$ Omitted 6 samples with values from $53-290 \mathrm{mcg} \mathrm{I} / 100 \mathrm{~g}$ - probably mixture of breads with and without iodate dough conditioners
${ }^{7}$ Omitted 6 samples with values from $194-290 \mathrm{mcg} / 100 \mathrm{~g}$ - probably mixture of breads with and without iodate dough conditioners
${ }^{8}$ Omitted sample with $92.4 \mathrm{mcg} \mathrm{I} / 100 \mathrm{~g}$, value probably from FD\&C Red No. 3 food coloring
${ }^{9}$ Omitted sample with $120 \mathrm{mcg} \mathrm{I} / 100 \mathrm{~g}$, value probably from FD\&C Red No. 3 food coloring
${ }^{10}$ Omitted 2 samples with 312 and $335 \mathrm{mcg} \mathrm{I} / 100 \mathrm{~g}$, values probably from FD\&C Red No. 3 food coloring
${ }^{11}$ Omitted 2 samples with 42 and $973 \mathrm{mcg} \mathrm{I} / 100 \mathrm{~g}$, values probably from FD\&C Red No. 3 food coloring
${ }^{12}$ Omitted 6 samples from 123 to $621 \mathrm{mcg} \mathrm{I} / 100 \mathrm{~g}$, values probably from FD\&C Red No. 3 food coloring
${ }^{13}$ Omitted sample with $545 \mathrm{mcg} \mathrm{I} / 100 \mathrm{~g}$, value probably from FD\&C Red No. 3 food coloring
${ }^{14}$ Omitted samples with values of 38 and $42 \mathrm{mcg} 1 / 100 \mathrm{~g}$, values may reflect the use of disinfectant during poultry cleaning; we were unable to confirm this use
${ }^{15}$ Omitted sample with value of $61 \mathrm{mcg} \mathrm{I} / 100 \mathrm{~g}$ as an outlier, although value was confirmed by the lab

USDA, FDA and ODS-NIH Database for the lodine Content of Common Foods per serving, Release 2, January 2022

| DB_ID | $\begin{aligned} & \text { NDB } \\ & \text { No. } \end{aligned}$ | $\begin{aligned} & \text { TDS } \\ & \text { No. } \end{aligned}$ | Description | Serving amount | Serving measure | Serving weight (g) | lodine (mcg)/serving | n | Std dev (mcg)/ serving | Min <br> (mcg)/ <br> serving | Max <br> (mcg)/ <br> serving | Iodine Data Source(s) | $\begin{gathered} \text { Serving } \\ \text { Size } \\ \text { Reference }{ }^{\text {A }} \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Dairy and Eggs |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 91 | 01001 | 164 | Butter, salted | 1 | tbsp | 14 | 0.7 | 9 | 0.1 | 0.5 | 0.8 | FDA | FDA, USDA |
| 359 | 01192 |  | Cheese product, made with 2\% reduced fat milk | 1 | oz slice | 30 | 16.2 | 1 | 0.0 | 0.0 | 0.0 | USDA | FDA |
| 24 | 01253 | 10 | Cheese, American, processed | 1 | oz slice | 30 | 17.6 | 27 | 5.8 | 10.6 | 33.6 | $\begin{gathered} \hline \text { FDA/USD } \\ \text { A } \end{gathered}$ | FDA |
| 25 | 01009 | 12 | Cheese, cheddar (sharp/mild) | 1 | oz slice | 30 | 14.5 | 23 | 4.7 | 8.3 | 31.8 | $\begin{gathered} \text { FDA/USD } \\ \text { A } \end{gathered}$ | FDA |
| 190 | 01025 | 391 | Cheese, Monterey Jack | 1 | oz slice | 30 | 14.0 | 13 | 3.6 | 10.5 | 23.0 | FDA | FDA |
| 191 | 01029 | 392 | Cheese, mozzarella | 1 | oz slice | 30 | 15.8 | 15 | 3.2 | 8.1 | 20.2 | $\begin{gathered} \hline \text { FDA/USD } \\ \text { A } \end{gathered}$ | FDA |
| 349 | 01032 |  | Cheese, parmesan, grated | 1 | tbsp | 5 | 3.9 | 1 |  |  |  | USDA | FDA |
| 348 |  |  | Cheese, processed, Swiss, low fat | 1 | oz slice | 30 | 18.0 | 1 |  |  |  | USDA | FDA |
| 350 | 01036 |  | Cheese, ricotta, whole milk | 1/4 | cup | 55 | 36.3 | 1 |  |  |  | USDA | FDA, USDA |
| 127 | 01040 | 236 | Cheese, Swiss | 1 | oz slice | 30 | 36.0 | 20 | 32.4 | 9.9 | 131.1 | FDA | FDA |
| 161 | 01015 | 332 | Cottage cheese, creamed, reduced fat | 1/2 | cup | 110 | 38.6 | 9 | 7.6 | 27.6 | 52.1 | $\begin{gathered} \text { FDA/USD } \\ \text { A } \end{gathered}$ | FDA |
| 128 | 01017 | 237 | Cream cheese | 2 | tbsp | 30 | 11.8 | 8 | 3.4 | 6.8 | 16.6 | FDA | FDA |
| 94 | 01068 | 168 | Cream substitute, non-dairy, fluid | 1 | tbsp | 15 | 0.1 | 8 | 0.0 | 0.1 | 0.2 | FDA | FDA |
| 351 | 01053 |  | Cream, heavy whipping, fluid | 1 | tbsp | 15 | 4.2 | 1 |  |  |  | USDA | FDA |
| 93 | 01049 | 167 | Cream, half \& half | 2 | fl oz | 30 | 9.4 | 21 | 1.5 | 6.6 | 13.8 | $\begin{gathered} \text { FDA/USD } \\ \text { A } \end{gathered}$ | FDA, USDA |
| 362 | 01258 |  | Egg, white, dried, stabilized, glucose reduced | 1 | tbsp | 7 | 2.4 | 15 | 0.7 | 1.5 | 4.1 | USDA | FDA, <br> American <br> Egg Board |
| 358 | 01172 |  | Egg, white, raw, frozen, pasteurized | 1/4 | cup | 61 | <5 | 6 | 0.0 | 0.0 | 0.0 | USDA | FDA, <br> American <br> Egg Board |
| 355 | 01133 |  | Egg, whole, dried | 7 | tsp | 12.5 | 34.3 | 17 | 6.5 | 25.3 | 50.9 | USDA | FDA, <br> American <br> Egg Board |


| DB_ID | $\begin{aligned} & \text { NDB } \\ & \text { No. } \end{aligned}$ | $\begin{aligned} & \text { TDS } \\ & \text { No. } \end{aligned}$ | Description | Serving amount | Serving measure | Serving weight (g) | lodine (mcg)/serving | n | Std dev (mcg)/ serving | Min (mcg)/ serving | Max <br> (mcg)/ <br> serving | lodine <br> Data Source(s) | Serving Size Reference ${ }^{A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 353 | 01123 |  | Egg, whole, raw, fresh | 1 | large | 50 | 24.6 | 24 | 10.6 | 13.5 | 57.5 | USDA | FDA, USDA |
| 357 | 01171 |  | Egg, whole, raw, frozen, pasteurized | 1/4 | cup | 61 | 37.6 | 14 | 8.5 | 27.5 | 49.3 | USDA | FDA, <br> American <br> Egg Board |
| 356 | 01137 |  | Egg, yolk, dried | 1/3 | cup | 22.5 | 78.5 | 17 | 14.9 | 58.7 | 98.3 | USDA | FDA, American Egg Board |
| 354 | 01126 |  | Egg, yolk, raw, frozen, pasteurized | 1/4 | cup | 61 | 108.0 | 15 | 32.0 | 46.1 | 162.9 | USDA | FDA, <br> American <br> Egg Board |
| 34 | 01129 | 37 | Eggs, hard-boiled | 1 | large | 50 | 25.7 | 20 | 13.7 | 7.2 | 58.5 | FDA | FDA, USDA |
| 336 | 01132 | 35 | Eggs, scrambled with oil | 1/2 | cup | 110 | 46.9 | 7 | 13.9 | 22.1 | 62.5 | FDA | FDA |
| 192 | 19270 | 393 | Ice cream, chocolate | 2/3 | cup | 88 | 28.3 | 13 | 4.2 | 20.9 | 36.9 | FDA | FDA, USDA |
| 341 | 01243 | 177 | Ice cream, lowfat, vanilla | 2/3 | cup | 91 | 41.1 | 7 | 8.9 | 24.7 | 51.2 | FDA | FDA, USDA |
| 143 | 19095 | 286 | Ice cream, regular (not lowfat), vanilla | 2/3 | cup | 88 | 34.3 | 19 | 5.5 | 22.7 | 46.6 | FDA | FDA, USDA |
| 22 | 01103 | 3 | Milk, chocolate, lowfat, fluid | 1 | cup | 250 | 73.0 | 22 | 20.0 | 43.3 | 110.5 | $\begin{gathered} \hline \text { FDA/USD } \\ \mathrm{A} \end{gathered}$ | FDA, USDA |
| 21 | 01079 | 2 | Milk, reduced fat (2\%), fluid | 1 | cup | 244 | 89.1 | 44 | 34.2 | 48.6 | 250.6 | $\begin{gathered} \text { FDA/USD } \\ \text { A } \end{gathered}$ | FDA, USDA |
| 352 | 01082 |  | Milk, lowfat (1\%), fluid | 1 | cup | 244 | 88.1 | 24 | 36.6 | 31.5 | 207.9 | USDA | FDA, USDA |
| 23 | 01085 | 4 | Milk, skim, fluid | 1 | cup | 245 | 84.8 | 44 | 24.5 | 37.7 | 159.5 | $\begin{gathered} \text { FDA/USD } \\ \text { A } \end{gathered}$ | USDA |
| 20 | 01077 | 1 | Milk, whole, fluid | 1 | cup | 244 | 83.7 | 44 | 28.3 | 42.9 | 204.5 | $\begin{gathered} \text { FDA/USD } \\ \text { A } \end{gathered}$ | FDA, USDA |
| 154 | 01056 | 300 | Sour cream | 2 | tbsp | 29 | 8.8 | 8 | 0.7 | 8.1 | 10.0 | FDA | FDA, USDA |
| 290 |  | 333 | Sour cream dip, any flavor | 2 | tbsp | 30 | 7.6 | 7 | 1.8 | 4.8 | 9.4 | FDA | FDA |
| 295 | 01298 | $\begin{array}{r} 395 / 4 \\ 09 \end{array}$ | Yogurt, frozen, vanilla | 2/3 | cup | 116 | 50.3 | 13 | 8.9 | 29.8 | 66.9 | FDA | FDA, USDA |
| 361 | 01256 |  | Yogurt, Greek, plain, nonfat | 3/4 | cup | 170 | 87.0 | 6 | 6.0 | 76.5 | 94.5 | USDA | FDA, USDA |
| 363 | 01284 |  | Yogurt, Greek, strawberry, lowfat | 3/4 | cup | 170 | 71.2 | 1 |  |  |  | USDA | FDA, USDA |
| 364 | 01285 |  | Yogurt, Greek, strawberry, nonfat | 3/4 | cup | 170 | 70.2 | 2 |  | 66.8 | 73.6 | USDA | FDA, USDA |


| DB_ID | $\begin{aligned} & \text { NDB } \\ & \text { No. } \end{aligned}$ | $\begin{aligned} & \text { TDS } \\ & \text { No. } \end{aligned}$ | Description | Serving amount | Serving measure | Serving weight <br> (g) | lodine (mcg)/serving | n | Std dev (mcg)/ serving | Min (mcg)/ serving | Max (mcg)/ serving | Iodine <br> Data <br> Source(s) | $\begin{gathered} \text { Serving } \\ \text { Size } \\ \text { Reference }{ }^{\text {A }} \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 365 | 01286 |  | Yogurt, Greek, vanilla, nonfat | 3/4 | cup | 170 | 85.9 | 2 |  | 83.8 | 87.7 | USDA | FDA, USDA |
| 126 | 01122 | 235 | Yogurt, fruit-flavored, lowfat | 3/4 | cup | 170 | 54.7 | 9 | 11.1 | 40.6 | 72.3 | $\begin{gathered} \text { FDA/USD } \\ \text { A } \end{gathered}$ | FDA, USDA |
| 222 | 01220 | 521 | Yogurt, vanilla, lowfat | 3/4 | cup | 170 | 58.3 | 1 |  |  |  | FDA | FDA, USDA |
| Spices |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 | 02047 | 909 | Salt, table, iodized | 1/4 | tsp | 1.5 | 76.1 | 25 | 16.8 | 51.2 | 111.5 | $\begin{gathered} \text { FDA/USD } \\ \text { A } \\ \hline \end{gathered}$ | FDA, USDA |
| 372 |  |  | Sea salt, iodized | 1/4 | tsp | 1.5 | 69.9 | 9 | 17.1 | 33.8 | 91.2 | USDA | FDA, similar USDA item |
| 373 |  |  | Sea salt, non-iodized | 1/4 | tsp | 1.5 | <0.8 | 27 |  |  |  | USDA | FDA, similar USDA item |
| Soups, Sauces, Gravies and Condiments |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 273 |  | 532 | Broth, chicken, ready-to-use from carton | 8 | fl oz | 245 | 1.2 | 1 |  |  |  | FDA | FDA |
| 180 | 06116 | 374 | Brown gravy, canned or bottled | 1/4 | cup | 58 | 0.9 | 8 | 0.1 | 0.7 | 1.2 | FDA | FDA, USDA |
| 412 | 27052 |  | Dip, salsa con queso (salsa with cheese) | 2 | tbsp | 30 | 5.7 | 6 | 4.3 | 2.2 | 14.1 | USDA | FDA, USDA |
| 98 | 11935 | 173 | Ketchup, tomato, bottled | 1 | tbsp | 17 | 0.2 | 8 | 0.1 | 0.1 | 0.3 | FDA | FDA, USDA |
| 152 | 02046 | 298 | Mustard, yellow, plain | 1 | tsp | 5 | 0.03 | 8 | 0.0 | 0.0 | 0.1 | FDA | FDA, USDA |
| 177 | 06164 | 359 | Salsa, tomato, bottled | 2 | tbsp | 36 | 0.6 | 8 | 0.2 | 0.4 | 1.0 | FDA | FDA, USDA |
| 203 | 06150 | 405 | Sauce, barbecue, bottled | 2 | tbsp | 34 | 1.0 | 12 | 0.6 | 0.3 | 2.4 | FDA | FDA, USDA |
| 366 | 06179 |  | Sauce, fish, ready-to-serve | 1 | tbsp | 18 | 3.7 | 1 |  |  |  | USDA | FDA, USDA |
| 219 | $\begin{array}{r} \hline 16123 / \\ 16124 \end{array}$ | 518 | Sauce, soy | 1 | tbsp | 16 | 0.2 | 2 |  | 0.08 | 0.24 | $\begin{gathered} \text { FDA/USD } \\ \mathrm{A} \\ \hline \end{gathered}$ | FDA, USDA |
| 12 | 27050 | 373 | Sauce, sweet \& sour, bottled | 1/4 | cup | 70 | 0.5 | 7 | 0.3 | 0.3 | 1.1 | FDA | FDA, USDA |
| 221 | 06931 | 520 | Sauce, tomato pasta, bottled | 1/2 | cup | 132 | 1.7 | 1 |  |  |  | FDA | USDA |
| 5 | 06404 | 283 | Soup, bean with bacon/pork, canned, condensed, prepared with water | 1 | cup | 266 | 0.8 | 7 | 0.3 | 0.3 | 1.1 | FDA | USDA |
| 274 |  | 533 | Soup, broccoli cheese, canned, ready to eat (RTE) | 1 | cup | 245 | 11.8 | 1 |  |  |  | FDA | FDA |
| 246 |  | 155 | Soup, chicken noodle, canned, ready to eat (RTE) | 1 | cup | 245 | 2.5 | 8 | 0.7 | 1.7 | 3.7 | FDA | FDA |


| DB_ID | $\begin{aligned} & \hline \text { NDB } \\ & \text { No. } \end{aligned}$ | $\begin{aligned} & \text { TDS } \\ & \text { No. } \end{aligned}$ | Description | Serving amount | Serving measure | Serving weight (g) | lodine (mcg)/serving | n | Std dev (mcg)/ serving | Min <br> (mcg)/ <br> serving | Max <br> (mcg)/ <br> serving | Iodine <br> Data Source(s) | Serving Size Reference ${ }^{\text {A }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 230 | 27042 | 534 | Soup, clam chowder, New England, canned, ready to eat (RTE) | 1 | cup | 245 | 15.9 | 1 |  |  |  | FDA | FDA |
| 319 |  | 285 | Soup, clam chowder, New England, canned, condensed, prepared with whole milk | 1 | cup | 245 | 47.8 | 7 | 12.5 | 32.3 | 65.9 | FDA | FDA |
| 275 |  | 535 | Soup, cream of mushroom, canned, ready to eat (RTE) | 1 | cup | 245 | 5.6 | 1 |  |  |  | FDA | FDA |
| 276 |  | 536 | Soup, cream of potato, canned, ready to eat (RTE) | 1 | cup | 245 | 9.1 | 1 |  |  |  | FDA | FDA |
| 262 |  | 367 | Soup, ramen noodles, prepared with water | 1 | cup | 245 | 1.0 | 10 | 1.0 | 0.0 | 2.2 | $\begin{gathered} \hline \text { FDA/USD } \\ \mathrm{A} \end{gathered}$ | FDA |
| 247 |  | 156 | Soup, tomato, canned, ready to eat (RTE) | 1 | cup | 245 | 1.7 | 8 | 0.5 | 1.2 | 2.7 | FDA | FDA |
| 231 | 06742 | 537 | Soup, vegetable beef, canned, ready to eat (RTE) | 1 | cup | 245 | 2.0 | 1 |  |  |  | FDA | FDA |
| 312 | 06471 | 157 | Soup, vegetable beef, canned, condensed, prepared with water | 1 | cup | 245 | 2.7 | 7 | 1.0 | 2.0 | 4.9 | FDA | FDA, USDA |
| 277 |  | 538 | Soup, vegetable, canned, ready to eat (RTE) | 1 | cup | 245 | 2.2 | 1 |  |  |  | FDA | FDA |
| Baby Foods |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 302 | 03165 | 730 | Baby food, apples with berries | 1/2 | cup | 113 | 0.1 | 7 | 0.1 | 0.0 | 0.3 | FDA | USDA |
| 240 | 03163 | 731 | Baby food, apples with fruit other than berries | 1/2 | cup | 113 | 0.1 | 8 | 0.1 | 0.0 | 0.2 | FDA | USDA |
| 122 | 03117 | 225 | Baby food, applesauce | 1/2 | cup | 113 | 0.1 | 8 | 0.1 | 0.0 | 0.2 | FDA | USDA |
| 298 | 03143 | 717 | Baby food, apricots with mixed fruit | 1/2 | cup | 113 | 0.3 | 7 | 0.1 | 0.2 | 0.5 | FDA | USDA |
| 157 | 43546 | 313 | Baby food, bananas | 1/2 | cup | 113 | 0.1 | 8 | 0.1 | 0.0 | 0.5 | FDA | USDA |
| 123 | 03131 | 226 | Baby food, peaches | 1/2 | cup | 113 | 0.2 | 19 | 0.2 | 0.1 | 1.0 | FDA | USDA |
| 124 | 03133 | 227 | Baby food, pears | 1/2 | cup | 113 | 0.1 | 8 | 0.0 | 0.1 | 0.2 | FDA | USDA |
| 296 | 03159 | 713 | Baby food, pears and pineapple | 1/2 | cup | 113 | 0.2 | 7 | 0.1 | 0.0 | 0.3 | FDA | USDA |
| 297 |  | 714 | Baby food, plums/prunes with apples or pears | 1/2 | cup | 113 | 0.7 | 7 | 0.8 | 0.0 | 2.5 | FDA | USDA |
| 241 | 03139 | 736 | Baby food, prunes | 1/2 | cup | 113 | 1.7 | 1 |  |  |  | FDA | USDA |


| DB_ID | $\begin{aligned} & \text { NDB } \\ & \text { No. } \end{aligned}$ | $\begin{aligned} & \text { TDS } \\ & \text { No. } \end{aligned}$ | Description | Serving amount | Serving measure | Serving weight (g) | lodine (mcg)/serving | n | Std dev <br> (mcg)/ serving |  | Max (mcg)/ <br> serving | Iodine Data Source(s) | Serving Size Reference ${ }^{A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 125 | 03166 | 230 | Baby food, juice, apple | 4 | fl oz | 125 | 2.0 | 8 | 1.8 | 0.3 | 4.8 | FDA | USDA |
| 237 | 44074 | 712 | Baby food, juice, grape | 4 | fl oz | 118 | 1.3 | 8 | 0.7 | 0.4 | 2.1 | FDA | USDA |
| 236 | 43408 | 711 | Baby food, juice, pear | 4 | fl oz | 125 | 0.6 | 8 | 0.4 | 0.3 | 1.4 | FDA | USDA |
| 117 | 03100 | 218 | Baby food, carrots | 1/2 | cup | 113 | 0.5 | 8 | 0.2 | 0.2 | 1.0 | FDA | USDA |
| 118 | 03092 | 219 | Baby food, green beans | 1/2 | cup | 113 | 0.2 | 8 | 0.1 | 0.1 | 0.5 | FDA | USDA |
| 121 | 03121 | 223 | Baby food, peas | 1/2 | cup | 113 | 0.2 | 8 | 0.1 | 0.0 | 0.5 | FDA | USDA |
| 159 | 03105 | 320 | Baby food, squash | 1/2 | cup | 113 | 0.2 | 8 | 0.1 | 0.1 | 0.3 | FDA | USDA |
| 120 | 03109 | 221 | Baby food, sweet potatoes | 1/2 | cup | 113 | 0.3 | 8 | 0.2 | 0.2 | 0.9 | FDA | USDA |
| 119 | 03279 | 220 | Baby food, vegetables, mixed | 1/2 | cup | 113 | 0.5 | 8 | 0.2 | 0.2 | 0.8 | FDA | USDA |
| 278 |  | 701 | Baby food, cereal, mixed, prepared with water | 1/2 | cup | 110 | 0.1 | 8 | 0.1 | 0.0 | 0.2 | FDA | FDA |
| 300 |  | 725 | Baby food, cereal, oatmeal with fruit, prepared with water | 1/2 | cup | 110 | 0.0 | 7 | 0.1 | 0.0 | 0.1 | FDA | FDA |
| 258 |  | 323 | Baby food, cereal, oatmeal, prepared with water | 1/2 | cup | 110 | 0.1 | 8 | 0.1 | 0.0 | 0.4 | FDA | FDA |
| 259 |  | 324 | Baby food, cereal, rice, prepared with water | 1/2 | cup | 110 | 0.2 | 19 | 0.2 | 0.0 | 0.9 | FDA | FDA |
| 238 | 43523 | 721 | Baby food, fruit yogurt dessert | 1/2 | cup | 113 | 22.3 | 8 | 5.3 | 15.5 | 32.3 | FDA | USDA |
| 257 |  | 317 | Baby food, biscuits, teething | 2 | $\begin{aligned} & \text { cookies } \\ & \left(3^{\prime \prime} \times 1 "\right) \end{aligned}$ | 22 | 3.2 | 8 | 1.5 | 0.7 | 5.1 | FDA | FNDDS |
| 299 | 03214 | 723 | Baby food, cookies, arrowroot | 4 | cookies | 20 | 1.8 | 8 | 0.4 | 1.2 | 2.7 | $\begin{gathered} \hline \text { FDA/USD } \\ \mathrm{A} \\ \hline \end{gathered}$ | FDA, USDA |
| 280 |  | 733 | Baby food, finger foods, puffed snack | $11 / 2$ | cup | 21 | 0.3 | 1 |  |  |  | FDA | FNDDS |
| 432 | 42284 |  | Baby food, finger food, baked product, cereal, fortified | 12 | pieces | 20 | <2 | 1 |  |  |  | USDA | FDA, USDA |
| 114 | 03069 | 214 | Baby food, chicken noodle dinner | 3/4 | cup | 170 | 1.5 | 8 | 0.9 | 1.0 | 3.4 | FDA | FDA, USDA |
| 301 | 43008 | 726 | Baby food, chicken with rice | 3/4 | cup | 170 | 1.2 | 7 | 0.9 | 0.0 | 2.2 | FDA | FDA, USDA |
| 279 |  | 732 | Baby food, macaroni and cheese with vegetables | 3/4 | cup | 170 | 10.0 | 7 | 1.4 | 7.1 | 10.9 | FDA | FDA, USDA |
| 115 | 03045 | 215 | Baby food, pasta, tomato and beef | 3/4 | cup | 170 | 3.2 | 8 | 0.5 | 2.6 | 4.1 | FDA | FDA, USDA |
| 242 | 03046 | 737 | Baby food, ravioli, cheesefilled, with tomato sauce | 3/4 | cup | 170 | 8.0 | 1 |  |  |  | FDA | FDA, USDA |


| DB_ID | $\begin{aligned} & \hline \text { NDB } \\ & \text { No. } \end{aligned}$ | $\begin{aligned} & \text { TDS } \\ & \text { No. } \end{aligned}$ | Description | Serving amount | Serving measure | Serving weight (g) | lodine (mcg)/serving | n | Std dev (mcg)/ serving | Min <br> (mcg)/ <br> serving | Max (mcg)/ serving | lodine <br> Data Source(s) | Serving Size Reference ${ }^{\text {A }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 111 | 03002 | 205 | Baby food, beef and broth/gravy | 3/4 | cup | 170 | 2.2 | 8 | 1.4 | 0.7 | 5.1 | FDA | FDA, USDA |
| 343 | 03013 | 207 | Baby food, chicken and broth/gravy | 3/4 | cup | 170 | 47.4 | 7 | 13.9 | 18.0 | 59.7 | FDA | FDA, USDA |
| 160 | 03016 | 328 | Baby food, turkey and broth/gravy | 3/4 | cup | 170 | 1.7 | 8 | 0.3 | 1.0 | 2.0 | FDA | FDA, USDA |
| 116 | 03083 | 216 | Baby food, turkey and rice | 3/4 | cup | 170 | 0.7 | 8 | 0.3 | 0.0 | 1.0 | FDA | FDA, USDA |
| 112 | 03055 | 211 | Baby food, vegetables and beef | 3/4 | cup | 170 | 1.4 | 8 | 0.3 | 0.9 | 1.9 | FDA | FDA, USDA |
| 113 | 03073 | 212 | Baby food, vegetables and chicken | 3/4 | cup | 170 | 1.0 | 8 | 0.3 | 0.7 | 1.5 | FDA | FDA, USDA |
| 239 | 03085 | 728 | Baby food, vegetables and turkey | 3/4 | cup | 170 | 2.0 | 8 | 1.4 | 0.0 | 4.4 | FDA | FDA, USDA |
| 249 |  | $\begin{array}{r} \hline 202 / 7 \\ 34 \end{array}$ | Baby food, Infant formula, milk-based, iron fortified, ready-to-feed | 4 | fl oz | 123 | 16.2 | 8 | 2.0 | 14.3 | 19.1 | FDA | FDA |
| 321 |  | $\begin{array}{r} \hline 309 / 7 \\ 35 \end{array}$ | Baby food, Infant formula, soybased, ready-to-feed | 4 | fl oz | 123 | 13.7 | 8 | 5.4 | 0.7 | 18.9 | FDA | FDA |
| 283 |  | 738 | Baby food, water, baby, bottled | 4 | oz | 113 | 0.1 | 1 |  |  |  | FDA | FDA |
| Fats and Oils |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 90 | 04691 | 162 | Margarine, salted | 1 | tbsp | 14 | 0.2 | 8 | 0.2 | 0.1 | 0.5 | FDA | FDA, USDA |
| 92 | 04018 | 166 | Mayonnaise, regular, bottled | 1 | tbsp | 15 | 0.9 | 8 | 0.1 | 0.8 | 1.1 | FDA | FDA, USDA |
| 182 | 04053 | 378 | Oil, olive | 1 | tbsp | 14 | 0.04 | 8 |  |  |  | FDA | FDA, USDA |
| 183 | 04044 | 379 | Oil, vegetable | 1 | tbsp | 14 | 0.0 | 8 |  |  |  | FDA | FDA, USDA |
| 433 | 43016 |  | Salad dressing, coleslaw, bottled | 2 | tbsp | 38 | <3 | 1 |  |  |  | USDA | USDA |
| 329 | 43215 | 376 | Salad dressing, creamy/buttermilk type, lowcalorie, bottled | 2 | tbsp | 30 | 3.8 | 7 | 0.6 | 2.8 | 4.4 | FDA | USDA |
| 328 |  | 375 | Salad dressing, creamy/buttermilk type, regular, bottled | 2 | tbsp | 30 | 2.5 | 7 | 0.5 | 2.1 | 3.6 | FDA | FDA, USDA |
| 181 | 04114 | 377 | Salad dressing, Italian, regular, bottled | 2 | tbsp | 29 | 0.2 | 8 | 0.1 | 0.1 | 0.5 | FDA | FDA, USDA |


| DB_ID | $\begin{aligned} & \hline \text { NDB } \\ & \text { No. } \end{aligned}$ | $\begin{aligned} & \text { TDS } \\ & \text { No. } \end{aligned}$ | Description | Serving amount | Serving measure | Serving weight | lodine (mcg)/serving | n | Std dev (mcg)/ serving | Min (mcg)/ serving | $\begin{gathered} \text { Max } \\ (\mathrm{mcg}) / \\ \text { serving } \end{gathered}$ | $\begin{gathered} \hline \text { Iodine } \\ \text { Data } \\ \text { Source(s) } \end{gathered}$ | $\begin{gathered} \text { Serving } \\ \text { Size } \\ \text { Reference } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 217 | 04640 | 516 | Salad dressing, ranch, lowcalorie, bottled | 2 | tbsp | 28 | 2.3 | 1 |  |  |  | FDA | FDA, USDA |
| 218 | 04639 | 517 | Salad dressing, ranch, regular, bottled | 2 | tbsp | 30 | 3.5 | 4 | 1.7 | 2.2 | 5.7 | $\begin{gathered} \hline \text { FDA/USD } \\ \mathrm{A} \end{gathered}$ | FDA, USDA |
| Fruit |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 54 | 09003 | 78 | Apple, red, with peel, raw | 1 | $\begin{gathered} \text { small (2 } \\ 3 / 4^{\prime \prime} \end{gathered}$ <br> diameter $1$ | 149 | 0.1 | 20 | 0.1 | 0.0 | 0.9 | FDA | FDA, USDA |
| 59 | 09020 | 84 | Applesauce, bottled | 1/2 | cup | 146 | 0.3 | 8 | 0.1 | 0.0 | 0.6 | FDA | FDA, USDA |
| 324 | 09026 | 348 | Apricots, canned in heavy/light syrup | 1/2 | cup | 127 | 7.9 | 7 | 6.4 | 1.7 | 19.6 | FDA | FDA, USDA |
| 67 | 09037 | 97 | Avocado, raw | 1/3 | cup, <br> cubed | 50 | 0.3 | 20 | 0.4 | 0.0 | 1.7 | FDA | FDA |
| 56 | 09040 | 80 | Banana, raw | 1 | large | 136 | 0.4 | 20 | 1.1 | 0.0 | 4.8 | FDA | FDA, USDA |
| 196 | 09050 | 398 | Blueberries, raw | 1 | cup | 148 | 0.4 | 13 | 0.4 | 0.1 | 1.6 | FDA | FDA, USDA |
| 64 | 09181 | 89 | Cantaloupe, raw/frozen | 1 | $\begin{aligned} & \text { cup, } \\ & \text { diced } \end{aligned}$ | 156 | 0.5 | 20 | 0.3 | 0.2 | 1.2 | FDA | FDA, USDA |
| 62 | 09099 | 87 | Fruit cocktail, canned in light syrup | 1/2 | cup | 121 | 5.9 | 8 | 3.3 | 0.4 | 12.5 | FDA | FDA, USDA |
| 65 | 09111 | 92 | Grapefruit, raw | 2/3 | cup | 154 | 0.3 | 20 | 0.2 | 0.0 | 0.5 | FDA | FDA, USDA |
| 63 | 09132 | 88 | Grapes, seedless, red/green, raw | 1 | cup | 151 | 0.6 | 20 | 0.3 | 0.3 | 1.7 | FDA | FDA, USDA |
| 153 | 09193 | 299 | Olives, black, pitted | 3 | large | 15 | 0.4 | 8 | 0.2 | 0.2 | 0.8 | FDA | FDA |
| 55 | 09200 | 79 | Orange, raw | 1 | medium (2 5/8" diameter ) | 131 | 0.3 | 20 | 0.1 | 0.1 | 0.7 | FDA | FDA, USDA |
| 345 | 09239 | 254 | Peach, canned in light/medium syrup | 1/2 | cup | 124 | 7.7 | 7 | 4.5 | 1.6 | 12.6 | FDA | FDA, USDA |
| 58 | 09236 | 83 | Peach, raw/frozen | 1 | $\begin{gathered} \hline \text { medium } \\ \left(2-2 / 3^{\prime \prime}\right. \\ \text { diameter } \\ ) \\ \hline \end{gathered}$ | 150 | 0.5 | 20 | 0.8 | 0.2 | 3.9 | FDA | FDA, USDA |
| 346 | 09256 | 255 | Pear, canned in light syrup | 1/2 | cup | 126 | 0.1 | 7 | 0.0 | 0.1 | 0.3 | FDA | FDA, USDA |


| DB_ID | $\begin{aligned} & \text { NDB } \\ & \text { No. } \end{aligned}$ | $\begin{aligned} & \text { TDS } \\ & \text { No. } \end{aligned}$ | Description | Serving amount | Serving measure | Serving weight <br> (g) | Iodine (mcg)/serving | n | Std dev (mcg)/ serving | Min (mcg)/ serving | Max <br> (mcg)/ <br> serving | Iodine <br> Data <br> Source(s) | $\begin{aligned} & \text { Serving } \\ & \text { Size } \\ & \text { Reference } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 60 | 09252 | 85 | Pear, with peel, raw | 1 | small | 148 | 0.1 | 20 | 0.3 | 0.0 | 1.0 | FDA | FDA, USDA |
| 309 | 09354 | 93 | Pineapple, canned in juice | 3/4 | cup | 135 | 2.4 | 7 | 3.1 | 0.8 | 9.6 | FDA | FDA, USDA |
| 194 | 09266 | 396 | Pineapple, raw/frozen | 3/4 | cup | 123 | 0.4 | 13 | 0.2 | 0.1 | 0.7 | FDA | FDA, USDA |
| 66 | 09298 | 95 | Raisins | 1/4 | cup packed | 41 | 0.9 | 8 | 0.3 | 0.3 | 1.4 | FDA | FDA, USDA |
| 61 | 09316 | 86 | Strawberries, raw/frozen | 3/4 | $\begin{aligned} & \text { cup } \\ & \text { sliced } \end{aligned}$ | 124 | 0.5 | 20 | 0.4 | 0.1 | 2.0 | FDA | FDA, USDA |
| 57 | 09326 | 81 | Watermelon, raw/frozen | $13 / 4$ | cup, diced | 266 | 0.5 | 20 | 0.5 | 0.0 | 2.1 | FDA | FDA, USDA |
| Vegetables |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 74 | 11012 | 115 | Asparagus, fresh/frozen, boiled | 1/2 | cup, cuts | 90 | 0.7 | 20 | 0.7 | 0.0 | 3.5 | FDA | FDA, USDA |
| 340 | 11084 | 131 | Beets, canned | 1/2 | $\begin{aligned} & \text { cup, } \\ & \text { sliced } \end{aligned}$ | 85 | 0.3 | 7 | 0.3 | 0.1 | 1.0 | FDA | FDA |
| 72 | 11742 | 113 | Broccoli, fresh/frozen, boiled | 1/2 | cup, chopped | 78 | 0.4 | 20 | 0.5 | 0.0 | 2.1 | FDA | FDA, USDA |
| 140 | 11099 | 263 | Brussels sprouts, fresh/frozen, boiled | 1/2 | cup | 78 | 0.4 | 20 | 0.4 | 0.0 | 1.2 | FDA | FDA, USDA |
| 331 | 11110 | 110 | Cabbage, fresh, boiled | 1/2 | cup, shredded | 75 | 0.1 | 8 | 0.1 | 0.0 | 0.2 | FDA | FDA, USDA |
| 204 | 11109 | 406 | Cabbage, raw | 1 | cup, chopped | 89 | 0.4 | 12 | 0.4 | 0.0 | 0.9 | FDA | FDA, USDA |
| 175 | 11960 | 356 | Carrot, baby, raw | 8 | medium | 80 | 1.1 | 20 | 0.8 | 0.0 | 2.8 | FDA | FDA, USDA |
| 313 | 11125 | 259 | Carrot, fresh, peeled, boiled | 1/2 | cup, sliced | 78 | 0.4 | 7 | 0.5 | 0.0 | 1.2 | FDA | FDA, USDA |
| 75 | 11136 | 116 | Cauliflower, fresh/frozen, boiled | 2/3 | cup, pieces | 83 | 0.5 | 20 | 0.7 | 0.0 | 2.5 | FDA | FDA, USDA |
| 73 | 11143 | 114 | Celery, raw | 3/4 | cup | 75 | 1.2 | 20 | 1.7 | 0.0 | 6.7 | FDA | FDA, USDA |
| 70 | 11162 | 108 | Collards, fresh/frozen, boiled | 1/2 | cup | 95 | 1.3 | 20 | 1.3 | 0.0 | 6.0 | FDA | FDA, USDA |
| 45 | 11172 | 55 | Corn, canned | 1/2 | cup | 82 | 0.4 | 8 | 0.2 | 0.1 | 0.7 | FDA | FDA, USDA |
| 44 | 11179 | 54 | Corn, frozen, boiled | 1/2 | cup | 82 | 0.3 | 20 | 0.3 | 0.0 | 1.1 | FDA | FDA, USDA |
| 79 | 11206 | 123 | Cucumber, peeled, raw | 2/3 | cup | 89 | 0.5 | 20 | 0.4 | 0.1 | 1.9 | FDA | FDA, USDA |
| 315 | 11210 | 265 | Eggplant, fresh, without peel, 1" cubes, boiled | 3/4 | cup | 75 | 0.2 | 14 | 0.2 | 0.0 | 0.8 | FDA | FDA, USDA |
| 250 |  | 410 | Eggplant, with peel, 1" cubes, baked | 3/4 | cup | 75 | 0.5 | 12 | 0.4 | 0.0 | 1.1 | FDA | FDA, similar USDA item |


| DB_ID | $\begin{aligned} & \hline \text { NDB } \\ & \text { No. } \end{aligned}$ | TDS No. | Description | Serving amount | Serving measure | Serving weight <br> (g) | lodine (mcg)/serving | n | Std dev (mcg)/ serving | Min (mcg)/ serving | Max <br> (mcg)/ <br> serving | $\begin{aligned} & \hline \text { Iodine } \\ & \text { Data } \\ & \text { Source(s) } \end{aligned}$ | $\begin{aligned} & \text { Serving } \\ & \text { Size } \\ & \text { Reference }{ }^{\text {A }} \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 78 | 11729 | 122 | Green beans, canned, drained solids | 1/2 | cup | 77 | 0.3 | 8 | 0.4 | 0.0 | 0.9 | FDA | FDA, USDA |
| 77 | 11061 | 121 | Green beans, fresh/frozen, boiled | 2/3 | cup | 89 | 0.5 | 20 | 0.7 | 0.0 | 2.3 | FDA | FDA, USDA |
| 71 | 11252 | 109 | Lettuce, iceberg, raw | 1 | cup, shredded | 72 | 0.2 | 20 | 0.4 | 0.0 | 1.3 | FDA | FDA, USDA |
| 176 | 11253 | 357 | Lettuce, leaf, raw | 2 | cups, shredded | 72 | 0.9 | 20 | 1.3 | 0.1 | 5.8 | FDA | FDA, USDA |
| 36 | 11032 | 42 | Lima beans, immature, frozen, boiled | 1/2 | cup | 85 | 0.3 | 8 | 0.3 | 0.0 | 0.8 | FDA | FDA |
| 142 | 11584 | 268 | Mixed vegetables, frozen, boiled | 1/2 | cup | 91 | 0.4 | 8 | 0.3 | 0.0 | 0.8 | FDA | FDA, USDA |
| 141 | 11260 | 264 | Mushrooms, raw | 11/4 | cup | 87 | 0.3 | 20 | 0.1 | 0.1 | 0.5 | FDA | FDA, USDA |
| 434 |  |  | Nori, seaweed, dried | 2 | tbsp, <br> flaked | 5 | 116.0 | 3 | 30.9 | 82.0 | 142.5 | USDA | FDA |
| 317 | 11279 | 267 | Okra, fresh/frozen, boiled | 1/2 | cup | 80 | 0.8 | 7 | 0.5 | 0.2 | 1.4 | FDA | FDA, USDA |
| 82 | 11282 | 128 | Onion, mature, raw | 1/2 | cup, chopped | 80 | 0.3 | 20 | 0.3 | 0.0 | 1.3 | FDA | FDA, USDA |
| 37 | 11313 | 46 | Peas, green, fresh/frozen, boiled | 1/2 | cup | 80 | 0.2 | 8 | 0.3 | 0.0 | 0.8 | FDA | FDA, USDA |
| 80 | 11333 | 125 | Pepper, bell, green, raw | 1 | $\begin{aligned} & \text { cup, } \\ & \text { sliced } \end{aligned}$ | 92 | 0.4 | 20 | 0.6 | 0.1 | 2.5 | FDA | FDA, USDA |
| 89 | 11937 | 161 | Pickles, dill, cucumber | 4 | slices | 28 | 0.2 | 8 | 0.2 | 0.1 | 0.5 | FDA | FDA, USDA |
| 83 | 11367 | 136 | Potato, peeled, boiled | 1/2 | cup | 117 | 0.4 | 20 | 0.5 | 0.0 | 1.4 | FDA | FDA, USDA |
| 84 | 11674 | 137 | Potato, with peel, baked | 1 | small | 138 | 1.4 | 20 | 2.1 | 0.0 | 9.7 | FDA | FDA, USDA |
| 293 | 11371 | 354 | Potatoes, mashed, prepared from fresh | 2/3 | cup | 140 | 8.7 | 7 | 5.0 | 5.3 | 19.9 | FDA | FDA |
| 220 | 11549 | $\begin{array}{r} 119 / 5 \\ 19 \end{array}$ | Sauce, tomato, canned/bottled | 1/4 | cup | 61 | 0.6 | 8 | 0.3 | 0.0 | 0.9 | FDA | FDA, USDA |
| 1 | 11458 | 107 | Spinach, fresh/frozen, boiled | 1/2 | cup | 90 | 3.5 | 8 | 2.6 | 0.9 | 7.3 | FDA | FDA, USDA |
| 206 | 11457 | 408 | Spinach, raw | 3 | cups | 90 | 5.4 | 12 | 2.7 | 1.9 | 9.7 | FDA | FDA, USDA |
| 332 | 11468 | 124 | Squash, summer, fresh/frozen, boiled | 1/2 | cup, sliced | 90 | 0.3 | 8 | 0.1 | 0.1 | 0.5 | FDA | FDA, USDA |
| 205 | 11478 | 407 | Squash, summer, zucchini, fresh/frozen, boiled | 1/2 | $\begin{gathered} \text { cup, } \\ \text { sliced } \\ \hline \end{gathered}$ | 90 | 0.4 | 12 | 0.3 | 0.1 | 0.9 | FDA | FDA, USDA |


| DB_ID | $\begin{aligned} & \text { NDB } \\ & \text { No. } \end{aligned}$ | $\begin{aligned} & \text { TDS } \\ & \text { No. } \end{aligned}$ | Description | Serving amount | Serving measure | Serving weight (g) | lodine (mcg)/serving | n | Std dev (mcg)/ serving | Min <br> (mcg)/ <br> serving | Max <br> (mcg)/ <br> serving | Iodine Data Source(s) | $\begin{gathered} \text { Serving } \\ \text { Size } \\ \text { Reference } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 81 | 11644 | 126 | Squash, winter (Hubbard or acorn), fresh/frozen, boiled | 2/3 | cup | 137 | 0.3 | 8 | 0.5 | 0.0 | 1.2 | FDA | FDA, USDA |
| 195 | 11508 | 397 | Sweet potato, baked, peel removed | 1 | $\begin{gathered} \text { medium } \\ \left(2^{\prime \prime}\right. \\ \text { diameter } \\ \left., 5^{\prime \prime} \text { long }\right) \end{gathered}$ | 114 | 1.5 | 13 | 1.1 | 0.0 | 3.4 | FDA | FDA, USDA |
| 325 | 11514 | 358 | Sweet potato, canned | 1/2 | cup | 127 | 0.9 | 7 | 1.0 | 0.0 | 2.9 | FDA | FDA, USDA |
| 76 | 11529 | 117 | Tomato, raw | 1/2 | cup, chopped | 90 | 0.3 | 20 | 0.2 | 0.0 | 0.7 | FDA | FDA, USDA |
| 316 | 11567 | 266 | Turnip, fresh/frozen, boiled | 1/2 | cup | 78 | 0.2 | 7 | 0.2 | 0.0 | 0.4 | FDA | FDA, USDA |
| Legumes |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 270 | 16018 | 527 | Beans, black, canned, drained | 1/3 | cup | 80 | 0.8 | 1 |  |  |  | FDA | USDA |
| 271 | 16145 | 528 | Beans, kidney, canned, drained | 1/3 | cup | 89 | 0.9 | 1 |  |  |  | FDA | FDA, USDA |
| 228 | 16146 | 529 | Beans, pinto, canned, drained | 1/2 | cup | 85 | 1.0 | 1 |  |  |  | FDA | USDA |
| 304 | 16043 | 38 | Beans, pinto, from dry, boiled | 1/2 | cup | 85 | 0.0 | 7 | 0.1 | 0.0 | 0.2 | FDA | USDA |
| 167 | 16103 | 341 | Beans, refried, canned | 1/2 | cup | 119 | 1.0 | 8 | 0.6 | 0.0 | 1.7 | FDA | USDA |
| 272 | 16051 | 530 | Beans, white, canned, drained | 1/2 | cup | 90 | 0.7 | 1 |  |  |  | FDA | FDA, USDA |
| 323 | 16050 | 342 | Beans, white, from dry, boiled | 1/2 | cup | 90 | 0.1 | 7 | 0.2 | 0.0 | 0.4 | FDA | FDA, USDA |
| 35 | 16009 | 39 | Beans, with pork, canned | 1/2 | cup | 126 | 0.4 | 8 | 0.3 | 0.0 | 0.6 | FDA | USDA |
| 38 | 16167 | 47 | Peanut butter, smooth/creamy | 2 | tbsp | 32 | 0.2 | 8 | 0.1 | 0.0 | 0.4 | FDA | FDA, USDA |
| 39 | 16090 | 48 | Peanuts, dry roasted, salted | 3 | tbsp | 27 | 0.2 | 8 | 0.1 | 0.0 | 0.3 | FDA | USDA |
| 18 | 43137 | 544 | Veggie burger, soy based, baked | 1 | piece | 56 | 5.4 | 1 |  |  |  | FDA | FDA, USDA |
| Nuts and Seeds |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 227 | 12061 | 526 | Almonds, shelled | 1/3 | cup, sliced | 30 | 0.3 | 1 |  |  |  | FDA | FDA, USDA |
| 168 | 12537 | 343 | Seeds, sunflower, shelled, salted, roasted | 1/4 | cup | 32 | 0.1 | 8 | 0.1 | 0.0 | 0.3 | FDA | USDA |
| 201 | 12155 | 403 | Walnuts, shelled | 1/4 | cup, pieces | 30 | 0.2 | 13 | 0.2 | 0.0 | 0.5 | FDA | FDA, USDA |
| Beverages including Juices |  |  |  |  |  |  |  |  |  |  |  |  |  |


| DB_ID | $\begin{aligned} & \hline \text { NDB } \\ & \text { No. } \end{aligned}$ | $\begin{aligned} & \text { TDS } \\ & \text { No. } \end{aligned}$ | Description | Serving amount | Serving measure | Serving weight (g) | lodine (mcg)/serving | n | Std dev (mcg)/ serving | Min <br> (mcg)/ <br> serving | Max <br> (mcg)/ <br> serving | lodine <br> Data Source(s) | Serving Size Reference ${ }^{\text {A }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 110 | 14003 | 198 | Alcohol, beer | 12 | fl oz | 356 | 3.2 | 8 | 2.1 | 0.7 | 7.5 | FDA | USDA, US <br> Dietary <br> Guidelines for <br> Americans |
| 207 | 14051 | 500 | Alcohol, distilled, vodka | 1 | fl oz | 42 | 0.04 | 1 |  |  |  | FDA | USDA, US Dietary Guidelines for Americans |
| 248 |  | 200 | Alcohol, distilled, whiskey/scotch | 1 | fl oz | 42 | 0.04 | 1 |  |  |  | FDA | USDA, US <br> Dietary <br> Guidelines <br> for <br> Americans |
| 342 | 14084 | $\begin{array}{r} 199 / 5 \\ 01 / 50 \\ 2 \end{array}$ | Alcohol, wine, red/white | 5 | fl oz | 148 | 2.4 | 9 | 1.2 | 1.3 | 4.9 | FDA | USDA, US <br> Dietary <br> Guidelines <br> for <br> Americans |
| 210 | 14091 | 503 | Beverage, almond, shelf stable | 1 | cup | 262 | 0.9 | 7 | 0.8 | 0.2 | 2.4 | $\begin{aligned} & \text { FDA/USD } \\ & \text { A } \end{aligned}$ | USDA |
| 211 | 14090 | 504 | Beverage, coconut water | 12 | fl oz | 365 | 1.8 | 1 |  |  |  | FDA | USDA |
| 212 | 14060 | 505 | Beverage, energy | 12 | fl oz | 360 | 0.7 | 1 |  |  |  | FDA | FDA, USDA |
| 213 | 16222 | 506 | Beverage, soy, shelf stable | 1 | cup | 243 | 1.5 | 4 | 0.7 | 0.7 | 2.2 | USDA | USDA |
| 445 |  |  | Beverage, soy, shelf stable (with seaweed or seaweed derivative) | 1 | cup | 243 | 12.0 | 2 |  | 7.0 | 16.9 | $\begin{aligned} & \text { FDA/USD } \\ & \text { A } \end{aligned}$ | USDA |
| 264 |  | 507 | Beverage, sports | 12 | fl oz | 360 | 0.0 | 1 |  |  |  | FDA | FDA |
| 374 | 14164 |  | Beverage, chocolate malt powder, prepared with 1\% milk, fortified | 8 | fl oz | 251 | 70.5 | 1 |  |  |  | USDA | USDA |
| 108 | 14416 | 194 | Carbonated beverage, cola, low-calorie | 12 | fl oz | 360 | 1.1 | 8 | 0.7 | 0.0 | 2.2 | FDA | FDA, USDA |
| 106 | 14148 | 191 | Carbonated beverage, cola, regular | 12 | fl oz | 360 | 0.7 | 8 | 0.7 | 0.0 | 1.8 | FDA | FDA, USDA |


| DB_ID | $\begin{aligned} & \hline \text { NDB } \\ & \text { No. } \end{aligned}$ | TDS <br> No. | Description | Serving amount | Serving measure | Serving weight <br> (g) | lodine (mcg)/serving | n | Std dev (mcg)/ serving | Min (mcg)/ serving | Max <br> (mcg)/ <br> serving | $\begin{aligned} & \hline \text { Iodine } \\ & \text { Data } \\ & \text { Source(s) } \end{aligned}$ | $\begin{aligned} & \text { Serving } \\ & \text { Size } \\ & \text { Reference }{ }^{\text {A }} \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 320 | 14144 | $\begin{array}{r} \hline 306 / 5 \\ 08 \end{array}$ | Carbonated beverage, fruitflavored | 12 | fl oz | 360 | 0.4 | 8 | 0.7 | 0.0 | 1.8 | FDA | FDA, USDA |
| 155 | 14209 | 305 | Coffee, brewed from ground | 12 | fl oz | 360 | 0.7 | 8 | 0.4 | 0.4 | 1.1 | FDA | FDA, USDA |
| 13 | 14201 | 381 | Coffee, decaffeinated, from ground | 12 | fl oz | 360 | 0.7 | 7 | 0.4 | 0.4 | 1.4 | FDA | FDA, USDA |
| 173 | 14242 | 351 | Cranberry juice cocktail, canned/bottled | 8 | fl oz | 253 | 0.5 | 8 | 0.8 | 0.0 | 2.0 | FDA | USDA |
| 156 | 14651 | 307 | Fruit drink (5\%-25\% juice), canned/bottled | 8 | fl oz | 238 | 1.4 | 8 | 0.5 | 0.7 | 2.1 | FDA | USDA |
| 107 | 14541 | 193 | Fruit drink from powder, reconstituted | 8 | fl oz | 262 | 0.3 | 8 | 0.5 | 0.0 | 1.3 | FDA | USDA |
| 68 | 09400 | 99 | Juice, apple, bottled | 8 | fl oz | 248 | 1.2 | 8 | 1.5 | 0.0 | 4.7 | FDA | USDA |
| 172 | 09444 | 350 | Juice, fruit blend ( $100 \%$ juice), canned/bottled | 8 | fl oz | 250 | 1.8 | 8 | 0.8 | 1.0 | 3.0 | FDA | USDA |
| 138 | 09130 | 257 | Juice, grape, bottled | 8 | fl oz | 253 | 0.8 | 8 | 0.5 | 0.3 | 2.0 | FDA | USDA |
| 69 | 09123 | 100 | Juice, grapefruit, bottle/carton | 8 | fl oz | 246 | 1.5 | 8 | 0.7 | 0.7 | 3.0 | FDA | USDA |
| 225 | 09152 | 524 | Juice, lemon, bottled | 1 | tsp | 5 | 0.2 | 1 |  |  |  | FDA | FDA, USDA |
| 174 | 09207 | 352 | Juice, orange, bottle/carton | 8 | fl oz | 249 | 25.1 | 8 | 20.4 | 4.2 | 60.3 | FDA | USDA |
| 338 | 09209 | 98 | Juice, orange, from frozen concentrate, reconstituted | 8 | fl oz | 249 | 1.0 | 7 | 0.5 | 0.5 | 1.7 | FDA | USDA |
| 137 | 09409 | 256 | Juice, pineapple, canned | 8 | fl oz | 250 | 0.8 | 8 | 0.5 | 0.0 | 1.5 | FDA | USDA |
| 339 | 09294 | 103 | Juice, prune, bottled | 8 | fl oz | 256 | 3.3 | 7 | 3.3 | 1.0 | 8.2 | FDA | USDA |
| 314 | 11886 | 261 | Juice, tomato, bottled | 8 | fl oz | 243 | 2.7 | 7 | 0.7 | 1.7 | 3.4 | FDA | USDA |
| 226 | 11578 | 525 | Juice, tomato-vegetable, bottled | 8 | fl oz | 253 | 1.0 | 1 |  |  |  | FDA | USDA |
| 310 | 14293 | 105 | Lemonade, from frozen concentrate, reconstituted | 8 | fl oz | 247 | 0.2 | 7 | 0.2 | 0.0 | 0.5 | FDA | USDA |
| 322 |  | 331 | Meal replacement, liquid, ready to drink (RTD), assorted flavors | 8 | fl oz | 252 | 110.3 | 8 | 113.3 | 45.9 | 359.6 | FDA | Similar USDA item |
| 215 | 14066 | 510 | Powder, protein | 3 | tbsp | 18.2 | 13.8 | 1 |  |  |  | FDA |  |
| 109 | 14355 | 197 | Tea, brewed from tea bag | 12 | fl oz | 360 | 0.4 | 8 | 0.4 | 0.0 | 1.4 | FDA | FDA, USDA |
| 14 | 14352 | 382 | Tea, decaffeinated, brewed from tea bag | 12 | fl oz | 360 | 0.4 | 7 | 0.4 | 0.0 | 0.7 | FDA | FDA, USDA |


| DB_ID | $\begin{aligned} & \text { NDB } \\ & \text { No. } \end{aligned}$ | $\begin{aligned} & \text { TDS } \\ & \text { No. } \end{aligned}$ | Description | Serving amount | Serving measure | Serving weight | lodine (mcg)/serving | n | Std dev (mcg)/ serving | Min (mcg)/ serving |  | Iodine Data Source(s) | Serving Size Reference ${ }^{\text {A }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 184 | 14555 | 380 | Water, mineral/spring, bottled | 12 | fl oz | 360 | 1.1 | 20 | 0.7 | 0.0 | 2.5 | FDA | FDA, USDA |
| 439 | 14411 |  | Water, tap, drinking ${ }^{1}$ | 12 | fl oz | 360 | 4.0 | 40 | 7.2 | 0.0 | 39.2 | USDA | FDA, USDA |
| Seafood |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 389 | 15141 |  | Crustaceans, crab, blue, canned | 3 | Oz | 85 | 32.1 | 3 | 10.5 | 23.2 | 43.8 | USDA | FDA, USDA |
| 390 | 15148 |  | Crustaceans, lobster, northern, cooked, moist heat | 3 | Oz | 85 | 157.3 | 3 | 37.4 | 118.2 | 192.1 | USDA | FDA, USDA |
| 391 | 15149 |  | Crustaceans, shrimp, mixed species, raw | 4 | OZ | 110 | 16.2 | 9 | 11.8 | 8.1 | 42.4 | USDA | FDA, USDA |
| 132 | 15151 | 244 | Crustaceans, shrimp, precooked, shell removed, no tail | 3 | OZ | 85 | 13.1 | 24 | 9.9 | 2.9 | 46.6 | $\begin{gathered} \text { FDA/USD } \\ \text { A } \end{gathered}$ | FDA, USDA |
| 33 | 15027 | 34 | Fish sticks or patty, frozen, oven-cooked | 3 | Oz | 85 | 58.4 | 12 | 25.1 | 21.4 | 113.9 | $\begin{gathered} \hline \text { FDA/USD } \\ \mathrm{A} \end{gathered}$ | FDA, USDA |
| 165 | 15235 | 339 | Fish, catfish, pan-cooked with oil | 3 | OZ | 85 | 3.6 | 20 | 1.6 | 1.2 | 6.9 | FDA | FDA, USDA |
| 186 | 15192 | 387 | Fish, cod, baked | 3 | Oz | 85 | 158.1 | 13 | 59.5 | 80.8 | 278.0 | FDA | FDA, USDA |
| 375 | 15019 |  | Fish, cod, Pacific, raw | 4 | Oz | 110 | 144.1 | 7 | 74.8 | 56.1 | 265.1 | USDA | FDA, USDA |
| 376 | 15028 |  | Fish, flatfish (flounder and sole species), raw | 4 | OZ | 110 | 15.7 | 4 | 4.3 | 11.9 | 21.9 | USDA | FDA, USDA |
| 377 | 15033 |  | Fish, haddock, raw | 4 | Oz | 110 | 249.7 | 3 | 96.8 | 151.8 | 345.4 | USDA | FDA, USDA |
| 378 | 15036 |  | Fish, halibut, Atlantic and Pacific, raw | 4 | Oz | 110 | 8.8 | 5 | 1.4 | 8.1 | 11.3 | USDA | FDA, USDA |
| 379 | 15057 |  | Fish, ocean perch, Atlantic, raw | 4 | oz | 110 | 10.2 | 4 | 2.4 | 8.1 | 12.7 | USDA | FDA, USDA |
| 396 | 15266 |  | Fish, pollock, Alaska, raw | 4 | Oz | 110 | 47.9 | 3 | 9.6 | 41.1 | 58.9 | USDA | FDA, USDA |
| 380 | 15070 |  | Fish, rockfish, Pacific, mixed species, raw | 4 | OZ | 110 | 15.4 | 3 | 5.3 | 11.8 | 21.5 | USDA | FDA, USDA |
| 421 | 35171 |  | Fish, salmon, chum, dried (Alaska Native) | 1 | portion | 30 | 11.5 | 1 |  |  |  | USDA | FDA |
| 395 | 15260 |  | Fish, salmon, pink, canned, drained solids | 3 | Oz | 85 | 13.0 | 2 |  | 8.5 | 17.4 | USDA | FDA, USDA |
| 381 | 15083 |  | Fish, salmon, pink, raw | 4 | oz | 110 | 28.8 | 5 | 17.3 | 13.0 | 54.7 | USDA | FDA, USDA |
| 384 | 15087 |  | Fish, salmon, sockeye, canned, drained solids | 3 | oz | 85 | 18.7 | 1 |  |  |  | USDA | FDA, USDA |
| 382 | 15085 |  | Fish, salmon, sockeye, raw | 4 | oz | 110 | 15.7 | 2 |  | 12.8 | 18.7 | USDA | FDA, USDA |


| DB_ID | $\begin{aligned} & \text { NDB } \\ & \text { No. } \end{aligned}$ | $\begin{aligned} & \text { TDS } \\ & \text { No. } \end{aligned}$ | Description | Serving amount | Serving measure | Serving weight <br> (g) | lodine (mcg)/serving | n | Std dev (mcg)/ serving | Min (mcg)/ serving | Max (mcg)/ serving | lodine <br> Data <br> Source(s) | $\begin{aligned} & \text { Serving } \\ & \text { Size } \\ & \text { Reference }{ }^{\text {A }} \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 158 | 15237 | 318 | Fish, salmon, steaks/fillets, baked | 3 | OZ | 85 | 14.0 | 10 | 7.3 | 3.2 | 23.6 | $\begin{gathered} \hline \text { FDA/USD } \\ \mathrm{A} \end{gathered}$ | FDA, USDA |
| 422 | 35184 |  | Fish, smelt, dried (Alaska Native) | 1 | portion | 30 | 64.8 | 1 |  |  |  | USDA | FDA |
| 371 |  |  | Fish, swai, cooked | 3 | oz | 85 | <9 | 2 |  |  |  | USDA | FDA, USDA |
| 385 | 15110 |  | Fish, swordfish, raw | 4 | oz | 110 | 21.5 | 4 | 4.2 | 18.0 | 27.4 | USDA | FDA, USDA |
| 187 | 15262 | 388 | Fish, tilapia, baked | 3 | oz | 85 | 3.9 | 13 | 1.3 | 2.1 | 7.4 | FDA | FDA, USDA |
| 386 | 15115 |  | Fish, trout, rainbow, wild, raw | 4 | Oz | 110 | <10 | 1 |  |  |  | USDA | FDA, USDA |
| 166 | 15121 | 340 | Fish, tuna, canned in water, drained | 3 | Oz | 85 | 7.2 | 13 | 1.5 | 5.6 | 10.1 | $\begin{gathered} \hline \text { FDA/USD } \\ \text { A } \end{gathered}$ | FDA, USDA |
| 388 | 15118 |  | Fish, tuna, fresh, bluefin, cooked, dry heat | 3 | Oz | 85 | 19.6 | 4 | 3.7 | 14.9 | 23.9 | USDA | FDA, USDA |
| 387 | 15117 |  | Fish, tuna, fresh, bluefin, raw | 4 | Oz | 110 | 19.4 | 4 | 6.5 | 12.7 | 28.1 | USDA | FDA, USDA |
| 420 | 35091 |  | Fish, whitefish, broad, including head, eyes, cheeks and soft bones (Alaska Native), raw | 4 | oz | 110 | 37.0 | 1 |  |  |  | USDA | FDA, USDA |
| 392 | 15160 |  | Mollusks, clam, mixed species, canned, drained solids | 3 | oz | 85 | 56.5 | 4 | 7.7 | 49.2 | 66.3 | USDA | FDA, USDA |
| 393 | 15169 |  | Mollusks, oyster, eastern, wild, cooked, moist heat | 3 | Oz | 85 | 92.7 | 3 | 21.8 | 69.2 | 112.2 | USDA | FDA, USDA |
| 394 | 15172 |  | Mollusks, scallop, mixed species, raw | 4 | oz | 110 | <10 | 4 |  |  |  | USDA | FDA, USDA |
| Grains ${ }^{2}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 | 20081 | 900 | Flour, white, all-purpose | 1/4 | cup | 30 | 0.7 | 1 |  |  |  | FDA | FDA, USDA |
| 53 | 20110 | 69 | Noodles, egg, enriched, boiled | 3/4 | cup | 120 | 4.2 | 8 | 1.4 | 2.0 | 5.9 | FDA | USDA |
| 347 | 20321 |  | Pasta, enriched, boiled in water with iodized salt using amount per pasta label | 1 | cup | 132 | 38.1 | 2 |  | 36.6 | 39.7 | USDA | USDA |
| 232 | 20134 | 539 | Pasta, rice noodles, cooked | 3/4 | cup | 132 | 2.0 | 1 |  |  |  | FDA | USDA |
| 171 | 20121 | 347 | Pasta, spaghetti, enriched, boiled | 1 | cup | 124 | 0.1 | 8 | 0.2 | 0.0 | 0.5 | FDA | FDA, USDA |
| 233 | 20125 | 540 | Pasta, whole wheat, cooked | 1 | cup | 151 | 0.9 | 1 |  |  |  | FDA | USDA |
| 223 | 20137 | 522 | Quinoa, cooked | 3/4 | cup | 140 | 1.5 | 1 |  |  |  | FDA | FDA, USDA |


| DB_ID | $\begin{aligned} & \hline \text { NDB } \\ & \text { No. } \end{aligned}$ | $\begin{aligned} & \text { TDS } \\ & \text { No. } \end{aligned}$ | Description | Serving amount | Serving measure | Serving weight <br> (g) | lodine (mcg)/serving | n | Std dev (mcg)/ serving | Min <br> (mcg)/ <br> serving | Max <br> (mcg)/ <br> serving | $\begin{aligned} & \hline \text { Iodine } \\ & \text { Data } \\ & \text { Source(s) } \end{aligned}$ | $\begin{gathered} \text { Serving } \\ \text { Size } \\ \text { Reference }{ }^{\text {A }} \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 200 | 20041 | 402 | Rice, brown, cooked | 3/4 | cup | 146 | 0.9 | 13 | 0.6 | 0.0 | 2.3 | FDA | USDA |
| 40 | 20051 | 50 | Rice, white, enriched, cooked | 3/4 | cup | 140 | 0.7 | 19 | 0.4 | 0.0 | 1.5 | FDA | FDA, USDA |
| Cereals |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 254 |  | 74 | Cereal, bran with raisins | 3/4 | cup | 45 | 0.5 | 8 | 0.2 | 0.3 | 0.8 | FDA | USDA |
| 253 |  | 71 | Cereal, corn flakes | $11 / 2$ | cup | 42 | 0.1 | 8 | 0.2 | 0.0 | 0.5 | FDA | USDA |
| 43 | 08091 | 53 | Cereal, corn/hominy grits, enriched, cooked | 1 | cup | 257 | 0.0 | 8 | 0.3 | 0.0 | 0.5 | FDA | USDA |
| 42 | 08169 | 52 | Cereal, cream of wheat (farina), enriched, cooked | 1 | cup | 251 | 0.5 | 8 | 1.3 | 0.0 | 3.3 | FDA | USDA |
| 255 |  | 75 | Cereal, crisped rice | $11 / 3$ | cup | 37 | 0.1 | 8 | 0.1 | 0.0 | 0.3 | FDA | USDA |
| 306 |  | 72 | Cereal, fruit-flavored, sweetened ${ }^{3}$ | 1 | cup | 36 | 0.3 | 7 | 0.2 | 0.1 | 0.5 | $\begin{gathered} \text { FDA/USD } \\ \mathrm{A} \\ \hline \end{gathered}$ | USDA |
| 266 |  | 512 | Cereal, granola | 1/2 | cup | 48 | 5.2 | 1 |  |  |  | FDA | USDA |
| 308 |  | 76 | Cereal, granola with raisins | 1/3 | cup | 34 | 4.8 | 7 | 1.4 | 3.2 | 6.9 | FDA | USDA |
| 256 |  | 77 | Cereal, oat ring | 11/2 | cup | 42 | 0.4 | 8 | 0.1 | 0.2 | 0.5 | FDA | USDA |
| 267 |  | 513 | Cereal, oat ring, honey | 11/2 | cup | 42 | 0.6 | 1 |  |  |  | FDA | Similar USDA item |
| 41 | 08121 | 51 | Cereal, oatmeal, plain, cooked | 1 | cup | 234 | 0.7 | 8 | 0.9 | 0.0 | 2.6 | FDA | FDA, USDA |
| 307 |  | 73 | Cereal, shredded wheat | 3/4 | cup | 36 | 0.0 | 7 | 0.1 | 0.0 | 0.2 | FDA | USDA |
| 268 |  | 514 | Cereal, shredded wheat, frosted | 3/4 | cup | 40 | 0.4 | 1 |  |  |  | FDA | FDA, USDA |
| 269 | 08145 | 515 | Cereal, whole wheat, cooked | 1 | cup | 242 | 1.2 | 1 |  |  |  | FDA | USDA |
| Baked Products |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 133 | 18002 | 249 | Bagel, plain, toasted | 1 | medium (3.5" to 4" <br> diameter ) | 105 | 1.6 | 21 | 2.1 | 0.0 | 9.8 | $\begin{gathered} \text { FDA/USD } \\ \text { A } \end{gathered}$ | USDA |
| 305 | 18015 | 61 | Biscuits, refrigerated-type, baked | 1 | biscuit | 51 | 1.6 | 8 | 1.2 | 0.4 | 3.8 | $\begin{gathered} \text { FDA/USD } \\ \text { A } \end{gathered}$ | USDA |
| 344 | 28397 | 248 | Bread, multigrain ${ }^{4}$ | 2 | slices | 50 | 0.9 | 4 | 1.0 | 0.0 | 2.2 | FDA | FDA |
| 337 | 18060 | 64 | Bread, rye | 2 | slices | 50 | 0.3 | 7 | 0.2 | 0.0 | 0.5 | FDA | FDA |
| 199 | 18350 | 401 | Bread, white roll/bun (hamburger/hotdog) ${ }^{5}$ | 1 | bun | 50 | 1.1 | 8 | 1.5 | 0.0 | 4.8 | $\begin{gathered} \hline \text { FDA/USD } \\ \text { A } \\ \hline \end{gathered}$ | FDA |


| DB_ID | $\begin{aligned} & \hline \text { NDB } \\ & \text { No. } \end{aligned}$ | $\begin{aligned} & \text { TDS } \\ & \text { No. } \end{aligned}$ | Description | Serving amount | Serving measure | Serving weight (g) | lodine (mcg)/serving | n | Std dev (mcg)/ serving | Min (mcg)/ serving | Max <br> (mcg)/ <br> serving | Iodine <br> Data <br> Source(s) | Serving Size Reference ${ }^{A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 442 | $\begin{array}{r} 18350 \\ * \end{array}$ | 401* | Bread, white roll/bun (hamburger/hotdog), with iodate dough conditioner | 1 | bun | 50 | 598 | 11 | 146.0 | 414.0 | 865.0 | $\begin{gathered} \text { FDA/USD } \\ \text { A } \end{gathered}$ | FDA |
| 46 | 18069 | 58 | Bread, white, enriched, presliced $^{6}$ | 2 | slices | 50 | 0.95 | 12 | 1.25 | 0.0 | 4.75 | $\begin{gathered} \text { FDA/USD } \\ \text { A } \end{gathered}$ | USDA |
| 440 | $\begin{array}{r} 18069 \\ * \end{array}$ | 58* | Bread, white, enriched, presliced, with iodate dough conditioner | 2 | slices | 50 | 320 | 13 | 105 | 194 | 590 | $\begin{gathered} \hline \text { FDA/USD } \\ \mathrm{A} \end{gathered}$ | USDA |
| 48 | 18075 | 62 | Bread, whole-wheat, commercially prepared ${ }^{7}$ | 2 | slices | 50 | 1.4 | 13 | 1.15 | 0.35 | 4.75 | FDA | USDA |
| 441 | $18075$ | 62* | Bread, whole-wheat, commercially prepared, with iodate dough conditioner | 2 | slices | 50 | 309 | 5 | 122 | 178.5 | 505 | $\begin{gathered} \hline \text { FDA/USD } \\ \mathrm{A} \end{gathered}$ | USDA |
| 15 | 18079 | 903 | Breadcrumbs | 1/4 | cup | 30 | 54 | 1 |  |  |  | FDA | FDA |
| 170 | 18362 | 345 | Breakfast tart/toaster pastry ${ }^{8}$ | 1 | pastry (4-1/4" <br> diameter ) | 110 | 3.3 | 7 | 2.2 | 0.0 | 5.9 | FDA | FDA |
| 146 | 18151 | 291 | Brownie, commercially prepared | 1 | $\begin{aligned} & \hline 23 / 4 " \\ & \text { square } \end{aligned}$ | 56 | 5.9 | 8 | 7.5 | 0.5 | 23.6 | FDA | USDA |
| 99 | 18096 | 178 | Cake, chocolate with chocolate icing, commercially prepared ${ }^{9}$ | 1 | piece <br> (1/8 of <br> 18 oz <br> cake) | 64 | 4.9 | 19 | 1.3 | 2.6 | 7.0 | FDA | USDA |
| 263 |  | 369 | Cake, white with white icing, commercially prepared ${ }^{10}$ | 1 | piece <br> (1/8 of <br> 18 oz <br> cake) | 64 | 11.1 | 18 | 12.2 | 2.9 | 46.1 | FDA | Similar USDA item |
| 399 | 18140 |  | Cake, yellow with chocolate frosting, commercially prepared | 1 | piece <br> (1/8 of <br> 18 oz <br> cake) | 64 | 5.3 | 3 | 1.0 | 4.7 | 6.4 | USDA | USDA |
| 185 | 18964 | 386 | Cinnamon roll, from package, iced | 1 | roll | 65 | 3.3 | 15 | 1.9 | 0.8 | 7.5 | FDA | USDA |
| 100 | 18160 | 183 | Cookies, from package, chocolate chip | 2 | cookies | 30 | 0.4 | 9 | 0.3 | 0.1 | 0.8 | $\begin{gathered} \hline \text { FDA/USD } \\ \text { A } \end{gathered}$ | FDA, USDA |


| DB_ID | $\begin{aligned} & \hline \text { NDB } \\ & \text { No. } \end{aligned}$ | $\begin{aligned} & \text { TDS } \\ & \text { No. } \end{aligned}$ | Description | Serving amount | Serving measure | Serving weight <br> (g) | lodine (mcg)/serving | n | Std dev (mcg)/ serving | Min <br> (mcg)/ <br> serving | Max <br> (mcg)/ <br> serving | Iodine <br> Data Source(s) | Serving Size Reference ${ }^{\text {A }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 101 | 18166 | 184 | Cookies, from package, sandwich with crème filling | 3 | cookies | 36 | 0.2 | 8 | 0.1 | 0.0 | 0.4 | FDA | USDA |
| 147 | 18204 | 292 | Cookies, from package, sugar ${ }^{11}$ | 2 | cookies | 34 | 1.9 | 6 | 0.8 | 0.9 | 3.0 | FDA | USDA |
| 47 | 18024 | 60 | Cornbread, homemade | 1 | piece | 65 | 14.0 | 8 | 4.2 | 8.0 | 20.2 | FDA | USDA |
| 398 | 18023 |  | Cornbread, from dry mix, prepared with $2 \%$ milk, margarine, and eggs | 1 | piece | 60 | 10.0 | 1 |  |  |  | USDA | USDA |
| 136 | 18229 | 252 | Crackers, butter-type | 10 | crackers | 32 | 0.2 | 8 | 0.2 | 0.0 | 0.6 | FDA | USDA |
| 229 | 18214 | 531 | Crackers, cheese, regular | 30 | crackers, 1" square | 30 | 4.3 | 2 |  | 3.1 | 5.5 | $\begin{gathered} \text { FDA/USD } \\ \text { A } \end{gathered}$ | FDA, USDA |
| 135 | 18173 | 251 | Crackers, graham | 2 | crackers | 30 | 0.3 | 8 | 0.2 | 0.1 | 0.5 | FDA | FDA, USDA |
| 51 | 18228 | 66 | Crackers, saltine | 10 | crackers, square | 30 | 0.2 | 8 | 0.1 | 0.0 | 0.2 | FDA | FDA, USDA |
| 145 | 18248 | 290 | Doughnut, cake-type, plain, commercially prepared | 1 | medium (3-1/4" <br> diameter ) | 55 | 9.6 | 8 | 8.8 | 2.8 | 22.7 | FDA | FDA, USDA |
| 134 | 18437 | 250 | English muffin, plain, toasted | 1 | muffin | 55 | 1.3 | 20 | 1.8 | 0.0 | 8.5 | FDA | FDA, USDA |
| 50 | 18274 | 65 | Muffin, blueberry, commercially prepared | 1 | $\begin{gathered} \hline \text { small (2- } \\ 3 / 4^{\prime \prime} \end{gathered}$ <br> diameter ) | 66 | 8.5 | 20 | 3.8 | 5.3 | 22.8 | FDA | USDA |
| 169 | 18936 | 344 | Pancakes, frozen, heated | 2 | pancakes | 96 | 6.5 | 10 | 1.8 | 3.1 | 10.0 | USDA | USDA |
| 234 | 18335 | 541 | Pie crust, commercially prepared | 1 | slice (1/8 <br> of 9 " <br> diameter <br> ) | 19 | 0.2 | 1 |  |  |  | FDA | USDA |
| 102 | 18443 | 185 | Pie, apple, fresh/frozen, commercially prepared | 1 | ```slice (1/8 of 9" diameter )``` | 125 | 0.8 | 8 | 0.6 | 0.0 | 1.5 | FDA | FDA, USDA |
| 103 | 18326 | 186 | Pie, pumpkin, fresh/frozen, commercially prepared | 1 | slice | 133 | 29.5 | 8 | 5.1 | 23.3 | 39.2 | FDA | USDA |


| DB_ID | $\begin{aligned} & \hline \text { NDB } \\ & \text { No. } \end{aligned}$ | $\begin{aligned} & \text { TDS } \\ & \text { No. } \end{aligned}$ | Description | Serving amount | Serving measure | Serving weight | lodine (mcg)/serving | n | Std dev (mcg)/ serving |  | Max <br> (mcg)/ <br> serving | lodine Data Source(s) | Serving <br> Size <br> Reference ${ }^{\text {A }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3 | 18244 | 182 | Sweet roll/Danish pastry | 1 | pastry (4-1/4" <br> diameter ) | 65 | 3.9 | 4 | 0.9 | 2.9 | 5.0 | FDA | USDA |
| 198 | 18363 | 400 | Tortilla, corn | 2 | tortillas | 48 | 0.5 | 1 |  |  |  | FDA | USDA |
| 49 | 18970 | 63 | Tortilla, flour | 1 | tortilla | 49 | 0.5 | 19 | 0.4 | 0.0 | 1.7 | FDA | USDA |
| Sweets and Snacks |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 216 | 19919 | 511 | Candy, fruit snacks | 3/4 | cup | 30 | 0.1 | 1 |  |  |  | FDA | FDA, USDA |
| 178 | 19155 | 371 | Candy bar (chocolate, nougat, and nuts) | 1 | bar | 28 | 4.8 | 8 | 0.9 | 3.8 | 6.1 | FDA | USDA |
| 104 | 19120 | 187 | Candy bar, milk chocolate, plain | 1 | bar | 28 | 13.1 | 8 | 1.4 | 10.3 | 15.1 | FDA | USDA |
| 148 | 19107 | 293 | Candy, hard, assorted flavors | 3 | pieces | 18 | 1.7 | 8 | 2.4 | 0.0 | 6.4 | FDA | USDA |
| 85 | 19411 | 138 | Chips, potato | 22 | chips | 28 | 0.8 | 8 | 1.0 | 0.2 | 2.5 | FDA | USDA |
| 402 | 19412 |  | Chips, potato, made from dried potatoes, cheese-flavor | 22 | chips | 28 | 0.4 | 1 |  |  |  | USDA | Similar USDA item |
| 52 | 25028 | 67 | Chips, corn/tortilla | 1 | oz | 28 | 0.4 | 8 | 0.4 | 0.0 | 1.3 | FDA | FDA |
| 105 | 19173 | 190 | Gelatin dessert, assorted flavors, prepared | 1/2 | cup | 135 | 0.7 | 8 | 0.5 | 0.1 | 1.9 | FDA | USDA |
| 224 | 19015 | 523 | Granola bar | 1 | bar | 28 | 0.7 | 1 |  |  |  | FDA | USDA |
| 327 |  | 370 | Granola bar, with raisins | 1 | bar | 28 | 0.6 | 7 | 0.4 | 0.2 | 1.3 | FDA | Similar USDA item |
| 97 | 19296 | 172 | Honey | 1 | tbsp | 21 | 0.1 | 8 | 0.0 | 0.1 | 0.2 | FDA | USDA |
| 151 | 19300 | 296 | Jelly, assorted flavors | 1 | tbsp | 21 | 0.2 | 8 | 0.1 | 0.0 | 0.4 | FDA | USDA |
| 144 | 19283 | 288 | Popsicle, fruit-flavored ${ }^{12}$ | 1.75 | oz | 52 | 0.8 | 2 |  | 0.2 | 1.3 | FDA | USDA |
| 179 | 25026 | 372 | Popcorn, microwave, butterflavored | 4 | cups | 32 | 0.1 | 8 | 0.1 | 0.0 | 0.2 | FDA | USDA |
| 149 | 19047 | 294 | Pretzels, hard, salted | 5 | twists | 30 | 0.2 | 8 | 0.1 | 0.1 | 0.4 | FDA | USDA |
| 235 | 19183 | 542 | Pudding, ready-to-eat, chocolate | 1/2 | cup | 108 | 14.4 | 1 |  |  |  | FDA | USDA |
| 326 |  | 368 | Pudding, ready-to-eat, assorted flavors other than chocolate | 1/2 | cup | 108 | 5.1 | 7 | 2.1 | 3.2 | 8.2 | FDA | USDA |


| DB_ID | $\begin{aligned} & \text { NDB } \\ & \text { No. } \end{aligned}$ | $\begin{aligned} & \text { TDS } \\ & \text { No. } \end{aligned}$ | Description | Serving amount | Serving measure | Serving weight | lodine (mcg)/serving | n | Std dev (mcg)/ <br> serving | Min <br> (mcg)/ <br> serving | Max <br> (mcg)/ <br> serving | lodine Data Source(s) | $\begin{gathered} \text { Serving } \\ \text { Size } \\ \text { Reference }{ }^{\text {A }} \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 401 | 19193 |  | Pudding, rice, ready-to-eat | 1/2 | cup | 92 | 25.3 | 1 |  |  |  | USDA | USDA |
| 289 | 19097 | 287 | Sherbet, fruit-flavored ${ }^{13}$ | 2/3 | cup | 100 | 14.5 | 3 | 0.7 | 13.7 | 15.1 | FDA | USDA |
| 330 |  | 385 | Sorbet, fruit-flavored | 2/3 | cup | 100 | 1.1 | 4 | 0.6 | 0.3 | 1.8 | FDA | Similar USDA item |
| 95 | 19335 | 169 | Sugar, white, granulated | 2 | tsp | 8 | 0.008 | 8 | 0.02 | 0.0 | 0.03 | FDA | FDA, USDA |
| 150 | 19348 | 295 | Syrup, chocolate | 2 | tbsp | 38 | 0.3 | 8 | 0.2 | 0.1 | 0.8 | FDA | USDA |
| 96 | 19129 | 170 | Syrup, pancake | 2 | tbsp | 40 | 0.1 | 8 | 0.04 | 0.04 | 0.16 | FDA | USDA |
| Mixed Dishes |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 284 |  | 269 | Beef stroganoff with noodles, homemade | 1 | cup | 256 | 15.9 | 7 | 2.6 | 13.6 | 20.7 | FDA | FNDDS |
| 88 | 22906 | 152 | Chicken potpie, frozen, heated | 1 | singleserve pie | 302 | 9.4 | 8 | 3.0 | 5.7 | 14.2 | FDA | USDA |
| 86 | 22904 | 145 | Chili con carne with beans, canned | 1 | cup | 242 | 5.1 | 8 | 1.5 | 3.1 | 6.8 | FDA | USDA |
| 294 | 21127 | 355 | Coleslaw, mayonnaise-type, from grocery/deli | 1/2 | cup | 95 | 1.7 | 7 | 0.8 | 1.0 | 2.7 | FDA | USDA |
| 411 | 22973 |  | Corn dogs, frozen, prepared | 2 | $\begin{aligned} & \hline \text { corn } \\ & \text { dogs } \end{aligned}$ | 156 | 37.0 | 1 |  |  |  | USDA | USDA |
| 6 | 22977 | 361 | Lasagna with meat, frozen, heated | 1 | $\begin{gathered} 2.5 " \times 4 " \\ \text { piece } \end{gathered}$ | 206 | 17.3 | 7 | 2.3 | 14.4 | 20.2 | FDA | FNDDS |
| 418 | 32019 |  | Lasagna, cheese, frozen, unprepared | 1 | $\begin{gathered} 2.5 " \times 4 " \\ \text { piece } \end{gathered}$ | 227 | 24.3 | 5 | 7.7 | 16.8 | 34.1 | USDA | FNDDS |
| 87 | 22960 | 146 | Macaroni and cheese, prepared from box mix | 1 | cup | 198 | 38.4 | 15 | 8.7 | 22.2 | 56.8 | $\begin{gathered} \text { FDA/USD } \\ \mathrm{A} \\ \hline \end{gathered}$ | USDA |
| 291 |  | 346 | Macaroni salad, from grocery/deli | 3/4 | cup | 153 | 4.9 | 7 | 1.8 | 2.9 | 8.1 | FDA | FNDDS |
| 245 |  | 148 | Meatloaf, beef, homemade | 3 | oz | 85 | 13.2 | 7 | 9.1 | 6.9 | 29.2 | FDA | FDA, USDA |
| 416 | 32008 |  | Pasta mix, classic cheeseburger macaroni, unprepared | 1/5 | package | 37 | <3 | 1 |  |  |  | USDA | FNDDS, <br> Branded <br> Foods <br> database |
| 417 | 32010 |  | Pasta mix, Italian lasagna, unprepared | 1/5 | package | 36 | 4.2 | 2 |  | 2.7 | 5.4 | USDA | Branded Foods database |


| DB_ID | $\begin{aligned} & \text { NDB } \\ & \text { No. } \end{aligned}$ | $\begin{aligned} & \text { TDS } \\ & \text { No. } \end{aligned}$ | Description | Serving amount | Serving measure | Serving weight <br> (g) | lodine (mcg)/serving | n | Std dev (mcg)/ serving | Min (mcg)/ serving | Max (mcg)/ serving | Iodine <br> Data <br> Source(s) | $\begin{gathered} \text { Serving } \\ \text { Size } \\ \text { Reference }{ }^{\text {A }} \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 409 | 21505 |  | Pizza, cheese topping, thin crust, frozen, baked | 1/4 | $\begin{gathered} \hline \text { medium } \\ \text { pizza (11- } \\ 13^{\prime \prime} \\ \text { diameter) } \end{gathered}$ | 134 | 31.2 | 7 | 6.7 | 21.7 | 39.3 | USDA | USDA, FNDDS |
| 410 | 22971 |  | Potato salad with egg | 1/2 | cup | 125 | <10 | 5 |  |  |  | USDA | USDA |
| 292 |  | 353 | Potato salad, mayonnaisetype, from grocery/deli | 1/2 | cup | 125 | 3.3 | 7 | 2.1 | 0.0 | 6.3 | FDA | Similar USDA item |
| 244 |  | 142 | Spaghetti with meat sauce, homemade | 1 | cup | 250 | 4.5 | 7 | 1.5 | 2.5 | 6.5 | FDA | FNDDS |
| 438 |  |  | Sushi, California roll | 5 | pieces | 150 | 46.5 | 3 | 14.3 | 30.0 | 54.9 | USDA | FNDDS |
| 415 | 32007 |  | Taquitos, frozen, beef and cheese, oven-heated | 3 | pieces | 126 | <10 | 1 |  |  |  | USDA | USDA |
| 414 | 32006 |  | Taquitos, frozen, chicken and cheese, oven-heated | 3 | pieces | 126 | <10 | 1 |  |  |  | USDA | USDA |
| 285 |  | 272 | Tuna noodle casserole, homemade | 1 | cup | 224 | 36.1 | 7 | 20.8 | 23.5 | 80.9 | FDA | FNDDS |
| 419 | 32027 |  | Turnover, pepperoni pizza | 1 | turnover | 127 | 26.5 | 1 |  |  |  | USDA | USDA |
| Fast Foods |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 197 | 21142 | 399 | Biscuits, fast food | 1 | biscuit | 55 | 5.8 | 5 | 2.1 | 3.7 | 9.1 | $\begin{gathered} \text { FDA/USD } \\ \text { A } \end{gathered}$ | FDA, USDA |
| 10 | 21064 | 365 | Burrito with beef, beans and cheese, from Mexican carryout | 1 | burrito | 241 | 13.0 | 7 | 5.3 | 6.5 | 23.6 | FDA | USDA |
| 162 | 21469 | 336 | Chicken breast, fried, with skin, fast food ${ }^{14}$ | 3 | oz | 85 | 3.4 | 18 | 1.3 | 1.8 | 5.7 | FDA | FDA, USDA |
| 164 | 21470 | 338 | Chicken leg, fried, with skin, fast food | 3 | OZ | 85 | 2.0 | 20 | 0.6 | 0.9 | 3.2 | FDA | FDA, USDA |
| 131 | 21229 | 241 | Chicken nuggets, fast food | 3 | OZ | 85 | 1.6 | 20 | 1.2 | 0.4 | 6.2 | FDA | FDA, USDA |
| 303 | 01110 | 7 | Milk shake, chocolate, fast food | 8 | fl oz | 227 | 80.1 | 7 | 21.3 | 51.3 | 103.1 | FDA | FDA, USDA |
| 193 | 01111 | 394 | Milk shake, vanilla, fast food | 8 | fl oz | 227 | 81.5 | 13 | 15.4 | 49.3 | 102.8 | FDA | FDA, USDA |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |


| DB_ID | $\begin{aligned} & \text { NDB } \\ & \text { No. } \end{aligned}$ | $\begin{aligned} & \text { TDS } \\ & \text { No. } \end{aligned}$ | Description | Serving amount | Serving measure | Serving weight | lodine (mcg)/serving | n | Std dev (mcg)/ serving | Min (mcg)/ serving |  | Iodine Data Source(s) | Serving Size Reference ${ }^{\text {A }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 318 | 21302 | 281 | Pizza, cheese and pepperoni, regular crust, from pizza carryout | 1/8 | ```large (13- 15" diameter) pizza``` | 124 | 14.5 | 11 | 5.5 | 8.8 | 24.3 | $\begin{gathered} \hline \text { FDA/USD } \\ \mathrm{A} \end{gathered}$ | FNDDS |
| 202 | 21299 | 404 | Pizza, cheese, fast food | 1/8 | ```large (13- 15" diameter) pizza``` | 120 | 15.1 | 15 | 3.5 | 8.8 | 20.8 | $\begin{gathered} \hline \text { FDA/USD } \\ \text { A } \end{gathered}$ | FNDDS |
| 435 |  |  | Pizza, crust only, fast food | 1/8 | ```large (13- 15" diameter) pizza``` | 50 | <5 | 9 |  |  |  | USDA | estimate |
| 408 | 21484 |  | Pizza, with sausage topping, regular crust, fast food | 1/8 | ```large (13- 15" diameter) pizza``` | 138 | 18.2 | 1 |  |  |  | USDA | FNDDS |
| 139 | 21138 | 258 | Potatoes, French fries, fast food | 1 | "small" serving | 71 | 1.6 | 20 | 1.6 | 0.0 | 7.2 | FDA | FDA, USDA |
| 2 | 21112 | 147 | Sandwich, hamburger, single, large patty, fast food | 1 | sandwich | 175 | 5.8 | 7 | 2.5 | 3.5 | 10.3 | FDA | FNDDS |
| 406 | 21092 |  | Sandwich, cheeseburger, double, regular patty, plain, fast food | 1 | sandwich | 270 | 30.0 | 8 | 7.3 | 20.0 | 39.4 | USDA | FNDDS |
| 443 | $21092$ |  | Sandwich, cheeseburger, double, regular patty, fast food (bun w iodate dough conditioner) | 1 | sandwich | 270 | 750.6 | 4 | 259.2 | 442.8 | 1058.4 | USDA | FNDDS |
| 286 | 21096 | 275 | Sandwich, cheeseburger, single, large patty, fast food | 1 | sandwich | 182 | 18.7 | 9 | 4.0 | 13.5 | 26.4 | $\begin{gathered} \text { FDA/USD } \\ \text { A } \end{gathered}$ | USDA |
| 11 | 21490 | 366 | Sandwich, chicken filet (broiled) sandwich, fast food | 1 | sandwich | 230 | 4.1 | 7 | 3.7 | 0.9 | 10.4 | FDA | USDA |
| 288 | 21021 | 278 | Sandwich, egg, cheese, and ham on English muffin, fast food | 1 | sandwich | 126 | 30.9 | 8 | 7.4 | 20.3 | 40.1 | $\begin{gathered} \text { FDA/USD } \\ \text { A } \end{gathered}$ | USDA |


| DB_ID | $\begin{aligned} & \hline \text { NDB } \\ & \text { No. } \end{aligned}$ | $\begin{aligned} & \text { TDS } \\ & \text { No. } \end{aligned}$ | Description | Serving amount | Serving measure | Serving weight <br> (g) | lodine (mcg)/serving | n | Std dev (mcg)/ <br> serving | Min (mcg)/ serving | Max <br> (mcg)/ <br> serving | $\begin{aligned} & \hline \text { Iodine } \\ & \text { Data } \\ & \text { Source(s) } \end{aligned}$ | $\begin{aligned} & \text { Serving } \\ & \text { Size } \\ & \text { Reference } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 287 | 21105 | 276 | Sandwich, fish, fast food | 1 | sandwich | 220 | 79.6 | 10 | 27.1 | 50.4 | 125.2 | $\begin{gathered} \text { FDA/USD } \\ \text { A } \end{gathered}$ | USDA |
| 405 | 21059 |  | Shrimp, breaded and fried, fast food | 3 | Oz | 85 | <10 | 2 |  |  |  | USDA | FDA, USDA |
| 4 | 21486 | 279 | Taco/tostada with beef and cheese, from Mexican carryout | 1 | each | 102 | 7.1 | 7 | 2.8 | 4.5 | 12.1 | FDA | USDA |
| Restaurant Foods (excluding Fast Food Restaurants) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7 | 36603 | 362 | Beef with vegetables in sauce, restaurant, Chinese | 1 | cup | 162 | 7.0 | 7 | 8.4 | 1.0 | 25.3 | FDA | FNDDS |
| 428 | 36050 |  | Cheese enchilada, restaurant, Mexican | 1 | enchilada | 137 | 22.1 | 1 |  |  |  | USDA | USDA |
| 429 | 36052 |  | Cheese quesadilla, restaurant, Mexican | 1 | $\begin{gathered} \hline \text { quesadilla } \\ \text { (8-10" } \\ \text { diameter) } \end{gathered}$ | 194 | 44.8 | 1 |  |  |  | USDA | USDA |
| 430 | 36055 |  | Cheese ravioli with marinara sauce, restaurant, Italian | 1 | cup | 250 | 53.8 | 1 |  |  |  | USDA | FNDDS |
| 8 | 36626 | 363 | Chicken with vegetables in sauce, restaurant, Chinese | 1 | cup | 153 | 5.8 | 7 | 7.0 | 1.2 | 19.3 | FDA | USDA |
| 444 | 36033 |  | Fish fillet, parmesan crusted tilapia, restaurant, family style | 3 | oz | 85 | 11.1 | 1 |  |  |  | USDA | FDA, USDA |
| 436 |  |  | Fish, salmon, grilled, restaurant | 3 | oz | 85 | <10 | 1 |  |  |  | USDA | FDA, USDA |
| 423 | 36012 |  | Fried mozzarella sticks, restaurant, family style | 3 | pieces | 93 | 35.4 | 3 | 3.8 | 31.8 | 39.3 | USDA | USDA |
| 9 | 36602 | 364 | Fried rice, meatless, restaurant, Chinese | 1 | cup | 137 | 7.5 | 7 | 7.7 | 1.6 | 23.2 | FDA | USDA |
| 427 | 36041 |  | Lasagna with meat, restaurant, Italian | 1 | $\begin{aligned} & 2.5 " \times 4 " \\ & \text { piece } \end{aligned}$ | 206 | 56.7 | 1 |  |  |  | USDA | FNDDS |
| 425 | 36017 |  | Macaroni \& cheese, from kids' menu, restaurant, family style | 1 | cup | 136 | 30.5 | 10 | 10.1 | 17.5 | 43.9 | USDA | USDA |
| 431 | 36620 |  | Shrimp and vegetables, restaurant, Chinese | 1 | cup | 162 | <10 | 1 |  |  |  | USDA | FNDDS |
| Sausage and Luncheon Meats |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 32 | 07959 | 29 | Bologna (beef/pork) | 2 | slices | 56 | 15.0 | 8 | 5.4 | 8.5 | 24.4 | FDA | FDA, USDA |
| 31 | 07949 | 28 | Frankfurter, beef/pork, boiled | 1 | frankfurter | 52 | 2.1 | 7 | 0.7 | 1.5 | 3.6 | FDA | USDA |


| DB_ID | $\begin{aligned} & \text { NDB } \\ & \text { No. } \end{aligned}$ | TDS No. | Description | Serving amount | Serving measure | Serving weight <br> (g) | lodine (mcg)/serving | n | Std dev (mcg)/ serving | Min (mcg)/ serving | Max (mcg)/ serving | Iodine <br> Data <br> Source(s) | $\begin{gathered} \text { Serving } \\ \text { Size } \\ \text { Reference }{ }^{\text {A }} \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 369 | 07945 |  | Frankfurter, beef, heated | 1 | frankfurt er | 48 | <5 | 2 |  |  |  | USDA | USDA |
| 261 | 07081 | $\begin{array}{r} \hline 335 / 5 \\ 43 \end{array}$ | Luncheon meat (chicken/turkey) | 3 | Oz | 85 | 3.1 | 8 | 0.9 | 1.5 | 4.3 | FDA | FDA, USDA |
| 129 | 07028 | 239 | Luncheon meat, ham | 3 | Oz | 85 | 1.2 | 8 | 0.5 | 0.7 | 2.0 | FDA | FDA, USDA |
| 188 | 07072 | 389 | Salami, dry/hard | 1 | Oz | 30 | 4.0 | 18 | 3.3 | 1.3 | 14.3 | $\begin{gathered} \text { FDA/USD } \\ \text { A } \end{gathered}$ | FDA |
| 243 |  | 30 | Salami, luncheon-meat type (not hard) | 2 | Oz | 60 | 7.4 | 7 | 4.8 | 2.1 | 13.9 | FDA | FDA, USDA |
| 367 | 07019 |  | Sausage, pork, chorizo, raw | 1 | link, 4" long | 60 | 17.9 | 1 |  |  |  | USDA | FDA, USDA |
| 28 | 07953 | 19 | Sausage, pork, oven-cooked | 3 | links | 63 | 2.5 | 20 | 1.6 | 0.8 | 6.7 | FDA | FDA, USDA |
| Meats |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 130 | 05064 | 240 | Chicken breast, oven-roasted (skin removed) | 3 | OZ | 85 | 1.7 | 20 | 1.5 | 0.2 | 6.9 | FDA | FDA, USDA |
| 163 | 05098 | 337 | Chicken thigh, oven-roasted (skin removed) | 3 | oz | 85 | 1.1 | 20 | 0.4 | 0.3 | 2.1 | FDA | FDA, USDA |
| 30 | 05192 | 26 | Turkey breast, oven-roasted ${ }^{15}$ | 3 | OZ | 85 | 1.8 | 19 | 1.1 | 0.0 | 4.2 | FDA | FDA, USDA |
| 189 | 05306 | 390 | Turkey, ground, pan-cooked | 3 | Oz | 85 | 4.7 | 13 | 3.7 | 0.7 | 14.4 | FDA | FDA, USDA |
| 26 | 10136 | 17 | Ham, cured (not canned), baked | 3 | Oz | 85 | 1.3 | 20 | 1.3 | 0.0 | 5.0 | FDA | FDA, USDA |
| 29 | 10860 | 20 | Pork bacon, oven-cooked | 2 | slices | 16 | 0.3 | 20 | 0.1 | 0.1 | 0.6 | FDA | FDA, USDA |
| 27 | 10179 | 18 | Pork chop, pan-cooked with oil | 3 | oz | 85 | 0.9 | 20 | 0.7 | 0.0 | 2.9 | FDA | FDA, USDA |
| 333 |  | 21 | Pork roast, loin, oven-roasted | 3 | Oz | 85 | 0.3 | 7 | 0.3 | 0.0 | 0.8 | FDA | FDA, USDA |
| 335 | 17204 | 27 | Beef/calf, liver, pan-cooked with oil | 3 | oz | 85 | 13.9 | 7 | 4.3 | 6.5 | 18.4 | FDA | FDA, USDA |
| 251 |  | 13 | Beef, ground, pan-cooked | 3 | oz | 85 | 6.8 | 20 | 2.9 | 3.2 | 16.1 | FDA | FDA, USDA |
| 334 |  | 14 | Beef roast, chuck, ovenroasted | 3 | oz | 85 | 3.2 | 8 | 1.9 | 1.5 | 7.0 | FDA | FDA, USDA |
| 260 |  | 334 | Beef steak, loin/sirloin, broiled | 3 | oz | 85 | 4.0 | 19 | 1.1 | 2.5 | 6.9 | FDA | FDA, USDA |
| 252 |  | 22 | Lamb chop, pan-cooked with oil | 3 | OZ | 85 | 2.6 | 20 | 2.1 | 0.7 | 10.5 | FDA | FDA, USDA |

[^1] USDA's FoodData Central database); FNDDS=Food and Nutrient Database for Dietary Studies (within USDA's FoodData Central database).
*TDS and/or NDB identifiers with asterisks indicate products that differ from the generic product in that they contain iodate dough conditioners
${ }^{1}$ USDA water samples analyzed by FDA
${ }^{2}$ Grain products prepared without salt unless otherwise noted
${ }^{3}$ Omitted sample with 139 mcg I/36 g serving, value probably from FD\&C Red No. 3 food coloring
${ }^{4}$ Omitted 3 samples with values from $36-112 \mathrm{mcg} / / 50 \mathrm{~g}$ serving - probably mixture of breads with and without iodate dough conditioners
${ }^{5}$ Omitted 4 samples with values from $65-208 \mathrm{mcg} 1 / 50 \mathrm{~g}$ serving - probably mixture of breads with and without iodate dough conditioners
${ }^{6}$ Omitted 6 samples with values from $26.5-145 \mathrm{mcg} / / 50 \mathrm{~g}$ serving - probably mixture of breads with and without iodate dough conditioners
${ }^{7}$ Omitted 6 samples with values from $97-145 \mathrm{mcg} 1 / 50 \mathrm{~g}$ serving - probably mixture of breads with and without iodate dough conditioners
${ }^{8}$ Omitted sample with 102 mcg I/110g serving, value probably from FD\&C Red No. 3 food coloring
${ }^{9}$ Omitted sample with 77 mcg I/64g serving, value probably from FD\&C Red No. 3 food coloring
${ }^{10}$ Omitted 2 samples with 200 and 214 mcg I/64g serving, values probably from FD\&C Red No. 3 food coloring
${ }^{11}$ Omitted 2 samples with 14.3 and $331 \mathrm{mcg} \mathrm{I} / 34 \mathrm{~g}$ serving, values probably from FD\&C Red No. 3 food coloring
${ }^{12}$ Omitted 6 samples from 64 to 323 mcg 1/52g serving, values probably from FD\&C Red No. 3 food coloring
${ }^{13}$ Omitted sample with 545 mcg I/100g serving, value probably from FD\&C Red No. 3 food coloring
${ }^{14}$ Omitted samples with values of 32.3 and $35.7 \mathrm{mcg} \mathrm{I} / 85 \mathrm{~g}$ serving, values may reflect the use of disinfectant during poultry cleaning; we were unable to confirm this use ${ }^{15} \mathrm{Omitted}$ sample with value of $51.8 \mathrm{mcg} \mathrm{I} / 85 \mathrm{~g}$ serving as an outlier, although value was confirmed by the lab


[^0]:    ${ }^{1}$ Another widely used red food dye, FD\&C Red No. 40, contains no iodine.

[^1]:    ${ }^{\text {A See Documentation for reference details. Abbreviations: FDA= Food and Drug Administration's Reference Amounts Customarily Consumed; USDA=USDA's SR Legacy (within }}$

