

NATIONAL HONEY REPORT



United States
Department of
Agriculture

Agricultural Marketing Service
Fruit and Vegetable Programs
Market News Branch

Federal Market News Service
1400 Independence Ave, SW
STOP 0238

Washington, DC 20250

Phone: 202-720- 2175 FAX: 202-720-0547

Website: www.marketnews.usda.gov/portal/fv
www.ams.usda.gov/mnreports/fvmhoney.pdf

Number XXXI - #12

Issued Monthly

January 17, 2012

HONEY MARKET FOR THE MONTH OF December, 2011

IN VOLUMES OF 10,000 POUNDS OR GREATER UNLESS OTHERWISE STATED

Prices paid to beekeepers for extracted, unprocessed honey in major producing states by packers, handlers & other large users, cents per pound, f.o.b. or delivered nearby, containers exchanged or returned, prompt delivery & payment unless otherwise stated.

- REPORT INCLUDES BOTH NEW AND OLD CROP HONEY -

(# Some in Small Lot --- +Some delayed payments or previous commitment)

| | | | |
|---------------|-------------------|--------|----------|
| ARKANSAS | | | |
| Soybean | light amber | \$1.45 | - \$1.52 |
| DAKOTAS | | | |
| Clover | white | \$1.60 | - \$1.70 |
| Mixed Flowers | extra light amber | \$1.50 | - \$1.60 |
| FLORIDA | | | |
| Pepper | light amber | \$1.40 | |
| Wildflower | extra light amber | \$1.40 | - \$1.59 |
| MONTANA | | | |
| Clover | white | \$1.71 | |

Prices paid to Canadian Beekeepers for unprocessed, bulk honey by packers and importers in U. S. currency, f.o.b. shipping point, containers included unless otherwise stated. Duty and crossing charges extra. Cents per pound.

Mixed Flowers white

Prices paid to importers for bulk honey, duty paid, containers included, cents per pound, ex-dock or point of entry unless otherwise stated.

Argentina

Mixed Flowers extra light amber \$1.42 - \$1.61

Mixed Flowers light amber \$1.51 - \$1.61

Brazil

Mixed Flowers extra light amber \$1.43 - \$1.44

Vietnam

Mixed Flowers light amber \$1.37

COLONY, HONEY PLANT AND MARKET CONDITIONS DURING DECEMBER, 2011

APPALACHIAN DISTRICT (MD, PA, VA, WV): December was a much warmer than normal month, which resulted in being one of the top ten warmest Decembers in history. Precipitation levels were near normal and the District did not receive any major snowstorms. Beekeepers are busy with winter meetings and equipment maintenance and keeping a watchful eye on colonies as the warm weather increases bee activity, which results in a faster depletion of winter stores.

ALABAMA: Honeybees were wintering well with no reports of major losses in Alabama. Some beekeepers were getting ready to feed. Bees took advantage of some of the milder periods in December and took flights resulting in less stress on the colonies. Most hobbyists were out of honey, but larger beekeepers had honey to sell. Pests seemed to be of little significance and winter survival appeared to be above average.

ARIZONA: Temperatures in Arizona were below normal levels the second and fourth week of December, but were above normal levels the rest of the month. The range statewide in temperatures for the month was a high of 80°F in Tucson and Yuma to a low of -3°F at Grand Canyon. There was precipitation at 18 of the 22 reporting stations in Arizona the first week of December, six stations the second week, all 22 stations the third week, and 14 stations the last week of the month. For the year, Roll and Tucson were the only reporting stations to record higher than normal precipitation levels. The main nectar and pollen sources for bees in the state were desert plant bloom, citrus and melons. Bee activity was limited during the month. Beekeepers have been or were continuing to make preparations to move colonies to other locations for pollination of nut and fruit trees. Demand remained good.

ARKANSAS: Various trees and winter plantings provided pollen and nectar during December. Colonies were in fair to good condition. Temperatures were seasonal and rainfall was adequate. Supplies were adequate and demand was good.

CALIFORNIA: The month began with sunshine throughout the state, but cool temperatures. In some areas of the state, record high temperatures were experienced. As the month progressed, Northern California was under a stable, cool air mass which produced widespread freezing conditions across much of the Central Valley. Freeze warnings were issued as the subfreezing temperatures persisted for several hours on several mornings in that region. A cold upper level low pressure system was located over Southern California and produced moderate to heavy rains across the southern counties. High pressure over the north resulted in dry, cold weather. Late in the month, persistent high pressure over the West Coast brought chilly but dry weather conditions to California. No significant precipitation was recorded during the month. Bees were in winter conditions. With the disappearance of the summer bees, the populations of our hives have rapidly dropped. Honey consumption was minimal. Some beekeepers have reported a winter loss of 30-40% of hives. Some of it has to do with late or reduced effectiveness mite treatments in the fall, and other factors beyond our control. The cool, dry winter has not helped. However, there was enough water for the bees to drink. Some of the other factors include relatively new problems - entombed

pollen and the Phorid fly. Entombed pollen (bees seal it over and will not touch it again) showed up in big quantities in many of the colonies that are dying or have died over winter. Beekeepers have been feeding extensively since mid- October, and planned to continue to do so. Where available, bees were feeding on a plant providing an off white pollen, probably one of the willow family. They are also feeding on some eucalyptus, bottlebrush, borage, manzanita, calendula, wild mustard and radish bloom.

COLORADO: Temperatures have been below normal and precipitation (in the form of snow) levels have been normal to slightly higher in the eastern part of the state. On the west side of Colorado there were near normal to slightly below normal temperatures and near normal precipitation during December. Overall, according to the National Weather Service most western areas of Colorado ended 2011 with near normal precipitation based on historic weather averages, while eastern parts of Colorado remained below normal on precipitation. The drought situation has slightly eased in the southeast part of Colorado due to heavy snows in December. The southeast area of the State is still listed as being in a severe drought according to the Palmer Drought Index. Commercial beekeepers have indicated that when they had their hives trucked to California this fall, a lower number of hives were loaded per truck due to the heavy weight of the bees. Due to the current good health of the bees originating out of Colorado, many bees that traveled out of the State did not need extra feeding this fall. The honey stores seemed to be adequate to feed the bees and place them in excellent condition going into the winter months. Commercial beekeepers from across Colorado that travelled to California are planning on treating for varroa and tracheal mites before pollination services begin in February. In the western areas of Colorado where some hives obtained a yield exceeding 100 pounds per hive during 2011, mites were not a problem this past 2011 season. Demand remained very good at the wholesale, foodservice and retail levels. Supplies of 2011 crop honey were moderate to slightly light in Colorado. Prices for wholesale white honey averaged \$1.75 per pound. Retail prices for various varieties of 1 pound bottled honey averaged from \$4.75 to \$5.75, occasionally higher and lower. Retail prices are variety, container and quality dependent. Wholesale prices for Light Capping Wax averaged \$ 3.00 per pound.

FLORIDA: Not available at time of release.

GEORGIA: Bees were in good shape heading into the winter months. In most areas, bees were able to collect enough pollen over the last few months for feeding until the early spring. The early part of December had fairly mild weather and a little rain. Late in the month had a couple days of hard freeze lasting for up to six hours with mild temperatures late in the afternoons. The bees were feeding on wild flowers and late blooming vegetables early in the month. Late in the month, the Red Maple blooms started appearing. Hives were rebounding well after a very hot summer and warm fall. Prices were steady.

IDAHO: During December, most of Idaho experienced very dry conditions, below normal temperatures, and little to no snow. The lack of snow is very unusual for this time of year. Bees appeared healthy in storage with overall minimal hive losses this fall from the various environmental elements. After moving hives to California in the middle of January, beekeepers planned to treat for varroa and tracheal mites. Later in January, before the bees become active in the almond groves, beekeepers planned to supplement feed to ensure that bees start the new season healthy and heavy. Contract prices Idaho beekeepers have been quoted for almond pollination services per hive in California ranged from \$135.00 to \$160.00. Higher prices were for hives with 12 full frames and the lower prices were for hives with 8 full frames. Honey demand was very good. Supplies of 2011 crop honey were moderate in Idaho. Beekeepers noted that current supplies of honey in the State far exceed the 2010 crop. Wholesale prices for white honey averaged \$1.75 per pound. Retail prices for various varieties of 1 pound bottled honey averaged from \$2.50 to \$5.75, mostly \$3.00, occasional higher and lower. Retail prices are variety, container and quality dependent. Wholesale prices for Light Capping Wax averaged \$2.35 to \$2.50 per pound. At the recent Idaho State Beekeepers convention, members discussed implementing quality control standards for the honey industry in Idaho. No standards have been agreed upon by members yet.

ILLINOIS: Overall, temperatures were unseasonably warm for the month of December with some cooler days and nights during the early part of the month. Bees were able to swarm as well as to have ample cleansing flights. Beekeepers reported very little supplemental feeding as the bees huddle together at night to keep each other warm. Bees were wintering quite well and storing ample honey in their hives. Bees were in fairly good condition and beekeepers anticipated having a fairly good to good season of honey production. Honey prices at retail and farmers markets were steady.

IOWA, KANSAS, MISSOURI, NEBRASKA: Temperatures and precipitation were above normal. Some parts of the states experienced heavy snow, bringing much need water. Beekeepers were busy preparing schedules for spring and fall meetings, conferences and activities. Beekeepers continued to feed bees and clean hives as warm weather allowed. Orders for April delivery of package bees and queens were being taken. Prices were expected to increase as demand continues to rise. Honey sales were great and prices remained strong.

INDIANA: December brought plenty of moisture and ample sunshine to the state. Temperatures were unseasonably warm. Bees had ample cleansing flights as well as adequate swarming during the month. Most beekeepers reported that their bees were wintering well and storing honey in their hives. Honey prices were steady.

KENTUCKY: The weather was unseasonably warm for the past month, with only a temporary cold snap. Beekeepers have noticed a few bees flying on the days when the temperatures climbed into the 60s. This has perhaps been the rainiest year on record for central Kentucky. There was 66 inches of rain in 2011, compared to our 45 inch yearly average. This could be good for the bloom in the coming year, especially the trees which rely on plenty of ground water. There were no pollen or nectar sources in December. Also, this has been a very warm winter so far. The warm weather is probably causing the bees to consume honey more quickly than they would in a normal winter. Starvation later in the winter could be a problem. Some locations reported heavy infestations of small hive beetles. In the last few weeks there has been evidence of nosema.

LOUISIANA: Various trees provided pollen and nectar during December. Colonies were in good condition. Temperatures were below normal and rainfall was adequate. Supplies were sufficient and demand was good.

MICHIGAN: An extremely mild December has been beneficial to bee health. The mild weather allowed some cleansing flights throughout the month which should aid bee survival during the coldest months ahead. Beekeepers have remained more optimistic that colonies will be sustained at a higher

rate than previous winters. Raw honey demand remained strong. However, some smaller beekeepers have reported slower sales at roadside and/or farmer's markets.

MINNESOTA: During the month of December, temperatures were above normal across most of Minnesota. Precipitation in the form of rain or snow was very light across the State during the same period. Unusual for this time of year, there was very little or no snow across much of Minnesota during December. The skies were clear to partly cloudy across Minnesota for a majority of the month of December. According to the Palmer Drought Index, the south central and northeastern areas of the State continue to be in a moderate to severe long term drought. Losses attributed to varroa and tracheal mites varied widely from various beekeepers across Minnesota. Beekeepers that saw heavy losses still believe that the cause may be attributed to Colony Collapse Disorder (CCD) or a combination with pesticide misuse. Despite a few scattered fall losses in hives, the bees in Minnesota are generally healthy. Most beekeepers noted that their bees were heavy when shipping to California and southern States for the winter months. The ramifications of the smaller honey crop during 2011 were certainly having an affect on supplies this season in Minnesota. According to beekeepers, demand exceeds supply as most commercial beekeepers have exhausted their smaller 2011 crop supply. Limited supplies of wholesale white honey averaged \$1.70 per pound. Retail prices for various varieties of 1 pound bottled honey average from \$5.00 to \$6.00, occasionally higher and lower. Retail prices are variety, container and quality dependent. The University of Minnesota will be conducting a, "Beekeeping Short Course 2012", on March 3rd and 4th, 2012 in Minneapolis, Minnesota. For more information regarding this course contact, Gary Reuter at 612-624-6740 or email: reute001@umn.edu.

MISSISSIPPI: The month of December had plenty of rain in most parts of the state, especially in the southern areas. Cold weather came on in the later part of the month. The bees rebounded well and were in good shape heading into winter. Bees were feeding on Hen Bit and wild flowers while waiting for the Red Maple to come in January. Prices were steady.

MONTANA: Not available at time of release.

NEW ENGLAND: In New England overall, the month of December exhibited cold, seasonal temperatures replacing the earlier abnormally warm weather. This weather pattern offered little rain or snowfall with only measureable snowfall in high level terrain. Moisture levels were about average and seasonally adequate. Early December weather was erratic with on and off cold and mild weather. The entire region experienced a hurricane in late August and a dry fall which in turn left many regional pocket areas with colonies short on stores and this occurrence has joined with the present cold, store depleting weather. Low stores coupled with the usual cold, harsh weather of winter in the future, will surely mean a high mortality rate for overwintered populations. Keepers report that as much as 70% of colonies are light in stores with just enough to fill the brood chambers. In Early December, the bees had a chance to reorganize themselves, haul out the dead and go on cleansing flights. New England has been good and favorable going into the winter for beekeepers. There is no significant pollen and nectar sources as rapidly colder conditions have finished all floral food sources for the year. The few sources left were fall aster, heath, mum blossoms, perennial bachelor buttons and Johnny jump ups, which amazingly exhibited some bright orange pollen. Beekeepers had been administering supplemental feedings much heavier than normal due to the early December mild temperatures. Overwintering procedures entails installing mouse guards, entrance reducers and insulation boards between inner and outer covers and/or boards under the bottom screens to ensure proper ventilation. The Styrofoam covered hives have shown to provide better insulation but have not been able to stand up well in commercial operations. Reportedly Styrofoam has shown to be better suited for use in mating nucs in queen rearing and in the early stages of nucleus buildup. In New England, beekeepers have closed up their hives for the winter. Bees are snuggled in their hives but reportedly the clusters are smaller than desired. As needed, colonies are being fed on an occasional warm day, sugar water syrup 2:1, otherwise with sugar candy and fondant with homophile boards strategically placed in order to add to the stored food that was left after surplus honey was drawn off. In New England, the average consumption is 60 lbs of honey throughout the winter. If the weather pattern stays cold it won't hurt the bees as long as the hives have good ventilation. In New England, hives normally lose 5 to 10% of their population due to winter related issues. Cold weather will not adversely affect bees as much as condensation will. Colonies should be ventilated to abate this problem. Many keepers report that bees have exhibited the usually late winter pattern of clustering just under the inner cover. However, clusters are tight enough to keep the bees safe. Some keepers have registered early colony losses presumably due to low cluster size, low stores and erratic weather temperature swings. The most important thing in a healthy hive is nutrition. Hives weaken under the stress of protein deficiency. Limited pollen and nectar means less brood and poor nutrition. Reportedly, this year's honey stores on brood frames are very small although in many cases large quantities of pollen are found. This could mean an increase in viral infections in queens coupled with a stronger disease laden varroa mite population that could carry over to next season with another season of queen problems especially with underperforming queens. This will likely contribute to creating a greater winter loss as many colonies are light and their winter bees were not developed under the best of conditions. Colonies overall are reported to be in fairly good condition with mite problems under control and bee dead out losses to be within expected levels. Harvesting and extracting honey has been completed. Some locations have exhibited very low production. Some yields are half what they usually are. Keepers are giving estimates at 30 to 35 lbs per colony on average. Information from the National Honey Board and other articles have highlighted the curative attributes of natural honey in treating minor burns, cuts and abrasions. These articles have formulated that natural honey applied to a minor wound that has been thoroughly cleaned, cuts off the air supply and exposure to outside contaminants. Honey keeps the air out and the skin heals quicker and better with less scarring. There is also a natural chemical interaction involving an enzyme found in honey and fluids from the damaged tissues that create a form of the disinfectant like hydrogen peroxide. Honey has been used for many years to treat coughs, bronchitis, and researchers point out that it is an effective remedy for children's coughs and reduces the severity and frequency of night time coughing. It improves sleep quality for children and their parents. (SOURCE: Mayo Clinic Health Center article December 2007) Presently research has clearly shown the value of honey as an antioxidant. Honey contains a variety of flavonoids and phenolic acids which act as antioxidants. Additionally darker colored honey seems to have higher antioxidant content than lighter honeys. In regard to honey's nutritional profile, it is composed primarily of carbohydrates and water. It also contains in small amounts a wide array of vitamins and minerals including niacin, riboflavin, pantothenic acid, calcium, copper, iron, magnesium, manganese, phosphorous, potassium, and zinc. Honey sales have been excellent going into the holiday season. Keepers have crafted many products from the fruits of their hives to sell for the holiday season primarily as stocking stuffers such as decorative honey decanters, candles, creams, lip balms and many edible holiday treats. The holiday season brings on an increase demand for local honey especially at local farmers markets and all retail/wholesale outlets that are selling evergreen holiday decorations such as Christmas trees. Honey sales are predicted to remain very good and continue to grow with supplies of new crop honey being available. Prices quoted for retail 1lb bottled units were \$7.00 to \$10.00 mostly \$9.00 and occasionally higher inclusive of all varieties; for food service operations prices were strong with 5 gallon units selling at \$175.00 to \$215.00 mostly \$200.00 occasionally higher for all raw and natural honey depending on variety and quality. Current wholesale prices quoted exclusively for white, cleaned beeswax are steady and for 1lb block

units at \$5.50 to \$5.75 mostly \$5.50 and for 50lb block units at \$4.50 to \$5.00 mostly \$4.75. Price quotes taken for bulk orders above 50lbs are \$2.20 to \$3.50 mostly \$3.50 for white/light, cleaned beeswax. Retail white and cleaned beeswax prices reported are \$16.00 to \$20.00 per pound.

NEW YORK: Bees wintered very well in December due to unusually mild weather. Feeding has gone well with the bees having no problem moving around to feed. Demand was strong at both the wholesale and retail levels. Wholesale prices for honey in drums averaged \$1.75-1.95 per pound, with 60 pound pails selling for \$3.15 per pound (wholesale).

NORTH CAROLINA: The weather was fairly mild during December. Average highs ranged from 49 to 59 degrees and average lows ranged from 30 to 38 degrees. The mountains received more precipitation during the month and the eastern part of the state fell below normal. The lack of rain or snow has caused 24 counties to drop back into moderate drought, compared to only 7 counties last month. Beekeeping classes have begun throughout many of the counties. This is a good time to learn and get assistance and many beekeeping clubs offer quality programs and mentoring. Beekeepers were checking colonies for starvation and to taking advantage of warm days above 50 to feed hives as needed. Honey sales continued to be very good for the available supplies.

NORTH & SOUTH DAKOTA: Good weather allowed harvest to finish up in a timely manner. Most bees were in their overwintering locations. Some were being moved to Southern locations for pollination of various crops. Snowfall has been lighter than normal and temperatures were slightly above average. Some concerns have been expressed over adequate snow cover for over wintering various crops.

OHIO: Exceptionally mild weather has afforded bees some cleansing flights throughout the month. There has been little snowfall as yet. Recent temperatures reported near 50 degrees during the holidays should be beneficial for general bee health and survival to date. Honey prices remained steady with good demand as the year came to a close.

OKLAHOMA: Pines and winter blooming perennials provided pollen and nectar in southern Oklahoma. Colonies were in generally good condition. Some hives have been lost do to cold nights and moderate temperatures of 55-70 degrees during the day. Temperatures have been average and there has been some rainfall/winter mix. Bees have been flying on the warm days. Supplies were light and demand was good. Prices were higher. In northern Oklahoma, there were no sources of pollen and nectar during December. Colonies were in generally fair to good condition. Temperatures were seasonal and rainfall was adequate. Supplies were sufficient and demand was very good.

OREGON: Not available at time of release.

SOUTH CAROLINA: Not available at time of release.

TENNESSEE: Not available at time of release.

TEXAS: Asters, goldenrod, French arugula, Yankee weed, basil, Greg's mist flower, wandering Jew, and wild poinsettia and maximilluam sunflowers provided pollen and nectar during the month. Colonies were in generally good condition and building up well ahead of winter. Temperatures were above normal and there was no rainfall. Honey demand was strong.

UTAH: The weather during the month of December was a repeat of November over much of Utah. Skies during December were clear to partly cloudy a majority of time. Precipitation and temperatures were below normal, and there was little to no snow. The lack of snow is very unusual for this time of year in Utah. Even though this fall has been dry over much of Utah, according to the National Weather Service, most of the state still ended 2011 with above normal yearly precipitation. Most commercial beekeepers have their hives positioned in California for the upcoming almond pollination at this time. Beekeepers expect to treat for varroa and tracheal mites and supplement feed in January, before the bees become active in the almond groves. These practices will help ensure that their bees start the new season healthy and heavy. Contract prices Utah Beekeepers have been quoted for almond pollination services per hive in California, ranged from \$135.00 to \$160.00. Higher prices were for hives with 12 full frames and the lower prices were for hives with 8 full frames.

According to beekeepers, demand continued to exceed supply as most commercial beekeepers have exhausted their 2011 crop supply. Current prices for wholesale honey were steady for available supplies. Retail prices for various varieties of 1 pound bottled honey averaged from \$3.25 to \$5.00, occasional higher and lower. Retail prices are variety, container and quality dependent.

WASHINGTON: Beekeepers have moved bees to overwinter locations. Winter has been drier and warmer than normal. Snowfall in the mountains has been below normal despite predictions of higher precipitation this season. Temperatures have been somewhat above normal.

WISCONSIN: Temperatures in the northern part of the state were colder than the central and southern portions, but were still warmer than normal. There was plenty of moisture. Bees were in fairly good to good condition. Demand was moderate to fairly good and prices were steady.

| | Year to Date | | November 2011 | |
|--|-----------------------|------------------|-----------------------|------------------|
| | Quantity Kilograms | Value Dollars | Quantity Kilograms | Value Dollars |
| COMB & NATURAL HONEY PACKAGED FOR RETAIL SALE - - - | | | | |
| Algeria | 0 | 0 | 0 | 0 |
| Bahamas, The | 2,780 | 10,910 | 0 | 0 |
| Bahrain | 14,729 | 35,753 | 0 | 0 |
| Barbados | 7,159 | 33,200 | 870 | 5,344 |
| Bermuda | 16,880 | 50,441 | 5,322 | 12,919 |
| Brunei | 840 | 5,198 | 0 | 0 |
| Cayman Islands | 0 | 0 | 0 | 0 |
| Chile | 0 | 0 | 0 | 0 |
| China | 64,093 | 242,077 | 0 | 0 |
| Colombia | 871 | 5,344 | 0 | 0 |
| Costa Rica | 1,127 | 3,184 | 1,127 | 3,184 |
| Germany(*) | 0 | 0 | 0 | 0 |
| Guyana | 3,756 | 29,138 | 0 | 0 |
| Honduras | 305 | 2,755 | 0 | 0 |
| Hong Kong | 71,239 | 235,259 | 0 | 0 |
| Iceland | 7,110 | 29,727 | 907 | 6,617 |
| India | 218,717 | 469,567 | 0 | 0 |
| Indonesia | 169,335 | 417,482 | 10,037 | 30,818 |
| Israel(*) | 103,600 | 407,182 | 0 | 0 |
| Japan | 220,025 | 947,476 | 14,706 | 65,168 |
| Jordan | 6,543 | 35,571 | 0 | 0 |
| Kenya | 1,612 | 11,551 | 0 | 0 |
| Korea, South | 302,522 | 1,252,838 | 108,825 | 482,050 |
| Kuwait | 205,804 | 499,552 | 54,376 | 131,989 |
| Malaysia | 13,697 | 43,408 | 474 | 2,788 |
| Mexico | 0 | 0 | 0 | 0 |
| Netherlands | 0 | 0 | 0 | 0 |
| Netherlands Antilles(*) | 10,255 | 54,960 | 871 | 5,344 |
| Nigeria | 2,525 | 6,130 | 0 | 0 |
| Pakistan | 40,481 | 123,423 | 29,746 | 72,202 |
| Panama | 6,666 | 42,752 | 2,613 | 16,032 |
| Philippines | 242,266 | 602,582 | 45,052 | 114,180 |
| Qatar | 1,370 | 3,326 | 0 | 0 |
| Saudi Arabia | 680 | 3,020 | 0 | 0 |
| Singapore | 37,480 | 103,594 | 367 | 2,629 |
| Taiwan | 31,195 | 118,020 | 0 | 0 |
| Thailand | 21,251 | 51,584 | 0 | 0 |
| United Arab Emirates | 288,830 | 747,240 | 89,028 | 216,099 |
| Vietnam | 17,553 | 43,686 | 0 | 0 |
| Yemen(*) | 486,975 | 2,131,295 | 19,973 | 94,380 |

NATURAL HONEY, NOT ELSEWHERE INDICATED OR SPECIFIED - - -

| | | | | |
|----------------|---------|-----------|--------|---------|
| Australia(*) | 12,724 | 44,019 | 1,525 | 6,914 |
| Bahamas, The | 44,453 | 175,693 | 2,902 | 10,469 |
| Bahrain | 2,204 | 3,530 | 0 | 0 |
| Barbados | 24,013 | 83,452 | 1,774 | 5,416 |
| Bermuda | 13,249 | 64,692 | 1,288 | 6,879 |
| Brazil | 33,847 | 67,141 | 0 | 0 |
| Brunei | 540 | 3,791 | 0 | 0 |
| Cambodia | 2,559 | 14,658 | 0 | 0 |
| Canada | 400,172 | 1,532,877 | 65,516 | 238,412 |
| Cayman Islands | 1,740 | 13,440 | 0 | 0 |
| Chile | 1,866 | 4,528 | 0 | 0 |
| China | 24,063 | 88,263 | 313 | 7,700 |
| Costa Rica | 1,651 | 4,008 | 0 | 0 |
| Ecuador | 1,664 | 4,040 | 0 | 0 |
| Germany(*) | 0 | 0 | 0 | 0 |
| Guatemala | 0 | 0 | 0 | 0 |

| | | | | |
|-----------------------------|------------------|-------------------|----------------|------------------|
| Guyana | 0 | 0 | 0 | 0 |
| Hong Kong | 40,348 | 159,880 | 14,715 | 63,953 |
| India | 79,068 | 198,442 | 0 | 0 |
| Indonesia | 72,663 | 225,053 | 0 | 0 |
| Israel(*) | 213,200 | 794,745 | 0 | 0 |
| Jamaica | 20,580 | 76,790 | 0 | 0 |
| Japan | 290,310 | 648,249 | 38,182 | 70,384 |
| Jordan | 12,732 | 36,223 | 0 | 0 |
| Korea, South | 17,397 | 49,465 | 0 | 0 |
| Kuwait | 31,806 | 203,848 | 0 | 0 |
| Leeward-Windward Islands(*) | 4,948 | 15,840 | 0 | 0 |
| Malaysia | 61,256 | 127,709 | 0 | 0 |
| Mexico | 13,652 | 35,687 | 2,881 | 6,995 |
| Netherlands | 0 | 0 | 0 | 0 |
| Netherlands Antilles(*) | 29,947 | 115,178 | 0 | 0 |
| New Zealand(*) | 1,288 | 5,733 | 0 | 0 |
| Panama | 8,720 | 51,269 | 0 | 0 |
| Philippines | 23,770 | 143,856 | 0 | 0 |
| Qatar | 0 | 0 | 0 | 0 |
| Russia | 0 | 0 | 0 | 0 |
| Saudi Arabia | 128,389 | 583,529 | 16,911 | 89,906 |
| Singapore | 4,124 | 32,474 | 0 | 0 |
| Thailand | 42,961 | 106,550 | 0 | 0 |
| United Arab Emirates | 18,077 | 117,202 | 0 | 0 |
| United Kingdom | 1,114 | 5,453 | 0 | 0 |
| Venezuela | 1,588 | 8,033 | 0 | 0 |
| Vietnam | 346,943 | 852,936 | 0 | 0 |
| Yemen(*) | 0 | 0 | 0 | 0 |
| GRAND TOTAL | 4,649,897 | 15,497,501 | 530,301 | 1,768,771 |

U.S Imports of Honey By Country, Quantity, and Value

| | Year to Date | | | November 2011 | | |
|---|-----------------------|------------------|----------------------|-----------------------|------------------|----------------------|
| | Quantity Kilograms | Value Dollars | CIF Value Dollars | Quantity Kilograms | Value Dollars | CIF Value Dollars |
| WHITE HONEY – NOT PACKAGED FOR RETAIL SALE - - - | | | | | | |
| Argentina | 8,673,719 | 27,584,615 | 28,366,757 | 693,985 | 2,157,264 | 2,278,265 |
| Austria | 57,986 | 186,557 | 193,383 | 0 | 0 | 0 |
| Brazil | 2,605,235 | 8,728,775 | 9,020,295 | 37,714 | 122,579 | 125,846 |
| Canada | 5,055,090 | 18,751,250 | 18,869,827 | 569,681 | 2,103,419 | 2,110,015 |
| Chile | 0 | 0 | 0 | 0 | 0 | 0 |
| China | 1,242,940 | 3,989,842 | 4,227,957 | 0 | 0 | 0 |
| Dominican Republic | 9,600 | 24,077 | 24,992 | 0 | 0 | 0 |
| Egypt | 24,432 | 27,166 | 27,439 | 0 | 0 | 0 |
| France(*) | 3,016 | 34,024 | 34,026 | 0 | 0 | 0 |
| Germany(*) | 0 | 0 | 0 | 0 | 0 | 0 |
| Guatemala | 0 | 0 | 0 | 0 | 0 | 0 |
| India | 11,426,904 | 33,139,666 | 34,564,466 | 165,480 | 429,025 | 460,913 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 |
| Italy(*) | 20,377 | 62,753 | 65,828 | 19,390 | 38,779 | 39,529 |
| Japan | 14,584 | 37,524 | 38,530 | 0 | 0 | 0 |
| Malaysia | 261,580 | 567,054 | 610,554 | 0 | 0 | 0 |
| Mexico | 1,165,037 | 4,054,327 | 4,106,531 | 0 | 0 | 0 |

| | | | | | | |
|----------------|-----------|-----------|-----------|--------|--------|--------|
| New Zealand(*) | 6,801 | 61,580 | 65,580 | 1,568 | 17,190 | 19,190 |
| Spain | 0 | 0 | 0 | 0 | 0 | 0 |
| Thailand | 595,200 | 1,481,280 | 1,565,780 | 19,200 | 29,760 | 32,260 |
| Ukraine | 84,120 | 267,444 | 272,380 | 8,120 | 35,644 | 35,645 |
| United Kingdom | 3,104 | 29,980 | 31,004 | 847 | 8,105 | 8,428 |
| Uruguay | 1,458,778 | 4,490,594 | 4,552,142 | 0 | 0 | 0 |
| Vietnam | 1,282,780 | 3,135,880 | 3,316,653 | 19,200 | 45,264 | 47,807 |

EXTRA LIGHT AMBER HONEY – NOT PACKAGED FOR RETAIL SALE - - -

| | | | | | | |
|----------------|------------|------------|------------|-----------|-----------|-----------|
| Argentina | 11,880,295 | 38,000,211 | 39,137,855 | 1,288,096 | 4,008,092 | 4,146,654 |
| Australia(*) | 0 | 0 | 0 | 0 | 0 | 0 |
| Brazil | 3,347,630 | 10,803,943 | 11,186,017 | 382,125 | 1,207,397 | 1,243,592 |
| Canada | 213,886 | 954,379 | 957,767 | 6,858 | 39,875 | 39,943 |
| Chile | 0 | 0 | 0 | 0 | 0 | 0 |
| China | 0 | 0 | 0 | 0 | 0 | 0 |
| France(*) | 992 | 11,480 | 11,950 | 0 | 0 | 0 |
| Germany(*) | 381 | 3,327 | 3,415 | 381 | 3,327 | 3,415 |
| Guatemala | 128,907 | 378,860 | 391,935 | 0 | 0 | 0 |
| India | 8,835,648 | 24,427,225 | 25,233,028 | 334,576 | 724,025 | 784,525 |
| Italy(*) | 9,775 | 32,419 | 39,045 | 0 | 0 | 0 |
| Laos | 0 | 0 | 0 | 0 | 0 | 0 |
| Malaysia | 741,406 | 1,397,904 | 1,570,906 | 0 | 0 | 0 |
| Mexico | 399,437 | 1,357,729 | 1,368,829 | 19,237 | 51,940 | 52,540 |
| New Zealand(*) | 51,237 | 90,366 | 96,148 | 0 | 0 | 0 |
| Pakistan | 209,000 | 533,900 | 560,900 | 0 | 0 | 0 |
| Peru | 0 | 0 | 0 | 0 | 0 | 0 |
| Romania | 37,520 | 118,724 | 118,727 | 0 | 0 | 0 |
| Taiwan | 0 | 0 | 0 | 0 | 0 | 0 |
| Thailand | 913,248 | 1,762,081 | 1,923,531 | 0 | 0 | 0 |
| Ukraine | 295,550 | 892,580 | 907,159 | 29,150 | 85,256 | 86,257 |
| Uruguay | 1,489,422 | 4,681,542 | 4,772,651 | 18,900 | 41,580 | 43,080 |
| Vietnam | 780,940 | 1,977,614 | 2,056,768 | 115,200 | 288,000 | 301,399 |

LIGHT AMBER HONEY – NOT PACKAGED FOR RETAIL SALE –

| | | | | | | |
|--------------------|------------|------------|------------|-----------|-----------|-----------|
| Argentina | 10,006,255 | 31,283,420 | 32,308,122 | 1,005,075 | 3,031,774 | 3,138,342 |
| Armenia | 6,581 | 20,249 | 20,250 | 0 | 0 | 0 |
| Australia(*) | 815 | 6,818 | 6,819 | 815 | 6,818 | 6,819 |
| Austria | 1,210 | 11,268 | 11,984 | 0 | 0 | 0 |
| Brazil | 7,551,082 | 22,847,075 | 23,676,487 | 415,772 | 1,197,070 | 1,235,455 |
| Canada | 151,509 | 528,789 | 532,508 | 0 | 0 | 0 |
| Chile | 0 | 0 | 0 | 0 | 0 | 0 |
| China | 259,840 | 811,812 | 855,812 | 0 | 0 | 0 |
| Dominican Republic | 272,056 | 674,543 | 695,954 | 97,339 | 240,133 | 250,858 |
| Egypt | 0 | 0 | 0 | 0 | 0 | 0 |
| France(*) | 2,304 | 20,833 | 21,922 | 0 | 0 | 0 |
| Germany(*) | 305 | 2,667 | 2,738 | 305 | 2,667 | 2,738 |
| Greece | 2,704 | 18,041 | 18,464 | 0 | 0 | 0 |
| Honduras | 245 | 3,101 | 3,213 | 0 | 0 | 0 |
| Hong Kong | 4,104 | 25,508 | 25,992 | 0 | 0 | 0 |
| Hungary | 5,250 | 29,640 | 31,140 | 0 | 0 | 0 |
| India | 4,607,905 | 12,729,947 | 13,469,649 | 332,541 | 854,606 | 904,193 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | |
|----------------|------------|------------|------------|-----------|-----------|-----------|
| Italy(*) | 12,342 | 82,170 | 86,905 | 3,506 | 30,487 | 32,815 |
| Jordan | 1,687 | 37,200 | 38,316 | 0 | 0 | 0 |
| Korea, South | 0 | 0 | 0 | 0 | 0 | 0 |
| Kyrgyzstan | 0 | 0 | 0 | 0 | 0 | 0 |
| Malaysia | 1,002,403 | 2,140,664 | 2,277,235 | 179,800 | 404,550 | 422,169 |
| Mexico | 638,148 | 1,744,525 | 1,794,026 | 37,587 | 119,373 | 119,963 |
| New Zealand(*) | 208,210 | 1,353,828 | 1,409,711 | 0 | 0 | 0 |
| Peru | 14,514 | 85,839 | 89,471 | 0 | 0 | 0 |
| Philippines | 0 | 0 | 0 | 0 | 0 | 0 |
| Portugal | 299 | 2,236 | 2,586 | 0 | 0 | 0 |
| Romania | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 0 | 0 | 0 | 0 | 0 |
| Singapore | 0 | 0 | 0 | 0 | 0 | 0 |
| Spain | 10,197 | 88,550 | 93,757 | 1,552 | 13,492 | 13,945 |
| Sri Lanka | 143,840 | 268,980 | 287,812 | 0 | 0 | 0 |
| Taiwan | 646,703 | 1,445,316 | 1,499,169 | 38,280 | 94,934 | 98,134 |
| Thailand | 127,500 | 336,387 | 348,827 | 0 | 0 | 0 |
| Turkey | 130,200 | 312,480 | 340,480 | 0 | 0 | 0 |
| Ukraine | 0 | 0 | 0 | 0 | 0 | 0 |
| United Kingdom | 137 | 2,393 | 2,451 | 0 | 0 | 0 |
| Uruguay | 3,797,172 | 11,172,797 | 11,545,207 | 137,655 | 381,210 | 394,730 |
| Vietnam | 23,387,581 | 57,002,367 | 59,636,846 | 1,718,160 | 4,317,250 | 4,504,393 |

NOT OTHERWISE SPECIFIED OR INDICATED ---

| | | | | | | |
|--------------------|---------|-----------|-----------|---------|---------|---------|
| Argentina | 263,602 | 820,666 | 848,003 | 0 | 0 | 0 |
| Australia(*) | 28,775 | 244,018 | 253,871 | 0 | 0 | 0 |
| Austria | 2,285 | 20,625 | 21,595 | 0 | 0 | 0 |
| Brazil | 362,558 | 1,215,743 | 1,265,165 | 0 | 0 | 0 |
| Bulgaria | 0 | 0 | 0 | 0 | 0 | 0 |
| Canada | 148,641 | 497,267 | 497,677 | 20,164 | 71,114 | 71,115 |
| Dominican Republic | 198,272 | 374,642 | 391,546 | 32,178 | 77,920 | 80,287 |
| Egypt | 0 | 0 | 0 | 0 | 0 | 0 |
| France(*) | 38,297 | 32,406 | 33,995 | 0 | 0 | 0 |
| Germany(*) | 24,452 | 116,994 | 121,254 | 260 | 2,277 | 2,337 |
| Ghana | 1,179 | 15,000 | 18,935 | 0 | 0 | 0 |
| Greece | 1,281 | 13,813 | 14,916 | 0 | 0 | 0 |
| India | 13,200 | 51,840 | 54,740 | 0 | 0 | 0 |
| Israel(*) | 602 | 6,228 | 6,392 | 0 | 0 | 0 |
| Italy(*) | 6,343 | 44,654 | 47,379 | 489 | 2,640 | 2,805 |
| Lithuania | 8,455 | 47,001 | 50,838 | 0 | 0 | 0 |
| Malaysia | 0 | 0 | 0 | 0 | 0 | 0 |
| Mexico | 589,698 | 1,961,110 | 1,966,126 | 5,897 | 8,255 | 8,258 |
| Moldova | 2,250 | 11,261 | 12,419 | 0 | 0 | 0 |
| Morocco | 0 | 0 | 0 | 0 | 0 | 0 |
| New Zealand(*) | 472,588 | 1,701,340 | 1,719,596 | 126,730 | 410,847 | 414,267 |
| Nigeria | 7,800 | 93,600 | 94,600 | 0 | 0 | 0 |
| Poland | 820 | 6,761 | 7,335 | 0 | 0 | 0 |
| Russia | 35,461 | 254,201 | 266,759 | 0 | 0 | 0 |
| Saudi Arabia | 80 | 2,560 | 2,660 | 0 | 0 | 0 |
| Spain | 0 | 0 | 0 | 0 | 0 | 0 |
| Switzerland(*) | 0 | 0 | 0 | 0 | 0 | 0 |
| Taiwan | 29,730 | 117,574 | 122,214 | 3,560 | 30,449 | 30,861 |
| Turkey | 2,072 | 14,897 | 14,901 | 864 | 4,560 | 4,561 |
| Ukraine | 0 | 0 | 0 | 0 | 0 | 0 |
| United Kingdom | 137 | 2,105 | 2,206 | 0 | 0 | 0 |
| Uruguay | 76,215 | 225,433 | 228,513 | 0 | 0 | 0 |

| | | | | | | |
|---------|---------|-----------|-----------|---|---|---|
| Vietnam | 626,800 | 1,465,989 | 1,514,251 | 0 | 0 | 0 |
|---------|---------|-----------|-----------|---|---|---|

COMB AND RETAIL HONEY –

| | | | | | | |
|-------------------------|-----------|-----------|-----------|---------|---------|---------|
| Argentina | 0 | 0 | 0 | 0 | 0 | 0 |
| Armenia | 17,915 | 103,973 | 106,982 | 0 | 0 | 0 |
| Australia(*) | 6,125 | 36,844 | 38,288 | 0 | 0 | 0 |
| Austria | 24,895 | 268,212 | 282,714 | 672 | 7,028 | 7,357 |
| Brazil | 584 | 16,286 | 17,489 | 496 | 9,626 | 10,475 |
| Bulgaria | 93,622 | 391,883 | 412,086 | 11,663 | 50,499 | 52,670 |
| Canada | 797,805 | 4,090,458 | 4,110,942 | 47,061 | 283,321 | 284,227 |
| Chile | 646 | 2,640 | 2,641 | 0 | 0 | 0 |
| China | 22,337 | 36,444 | 40,228 | 0 | 0 | 0 |
| Croatia | 0 | 0 | 0 | 0 | 0 | 0 |
| Cyprus | 224 | 3,517 | 4,702 | 224 | 3,517 | 4,702 |
| Denmark(*) | 0 | 0 | 0 | 0 | 0 | 0 |
| Dominican Republic | 93,924 | 233,027 | 239,931 | 18,600 | 45,866 | 47,156 |
| Ecuador | 273 | 2,400 | 2,685 | 0 | 0 | 0 |
| Egypt | 9,482 | 25,455 | 27,756 | 0 | 0 | 0 |
| France(*) | 95,391 | 851,895 | 894,965 | 5,047 | 48,179 | 50,318 |
| Georgia | 0 | 0 | 0 | 0 | 0 | 0 |
| Germany(*) | 147,458 | 871,024 | 909,274 | 25,415 | 143,557 | 151,408 |
| Greece | 46,897 | 512,749 | 532,535 | 6,053 | 78,575 | 84,300 |
| Guatemala | 2,567 | 6,525 | 6,864 | 0 | 0 | 0 |
| Hong Kong | 259 | 5,214 | 5,594 | 0 | 0 | 0 |
| Hungary | 23,195 | 148,840 | 153,648 | 6,766 | 50,727 | 51,937 |
| India | 1,591,708 | 3,769,109 | 4,023,862 | 153,600 | 328,704 | 352,704 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 |
| Israel(*) | 1,657 | 23,221 | 24,073 | 0 | 0 | 0 |
| Italy(*) | 26,675 | 241,286 | 253,219 | 830 | 14,340 | 18,091 |
| Japan | 577 | 5,130 | 5,269 | 231 | 2,531 | 2,577 |
| Jordan | 5,526 | 32,880 | 33,304 | 0 | 0 | 0 |
| Korea, South | 792 | 2,664 | 2,839 | 792 | 2,664 | 2,839 |
| Lebanon | 1,806 | 35,822 | 37,507 | 0 | 0 | 0 |
| Lithuania | 7,698 | 40,370 | 44,407 | 0 | 0 | 0 |
| Malaysia | 101,727 | 227,558 | 240,491 | 16,897 | 41,555 | 44,544 |
| Mauritius | 0 | 0 | 0 | 0 | 0 | 0 |
| Mexico | 1,628 | 14,399 | 14,684 | 0 | 0 | 0 |
| Moldova | 9,639 | 56,666 | 62,463 | 1,492 | 8,876 | 9,764 |
| Nepal | 0 | 0 | 0 | 0 | 0 | 0 |
| Netherlands | 0 | 0 | 0 | 0 | 0 | 0 |
| New Zealand(*) | 157,067 | 1,484,381 | 1,535,811 | 24,326 | 285,987 | 292,033 |
| Nicaragua | 7,500 | 28,380 | 29,838 | 0 | 0 | 0 |
| Pakistan | 1,440 | 8,745 | 9,116 | 0 | 0 | 0 |
| Philippines | 0 | 0 | 0 | 0 | 0 | 0 |
| Poland | 42,354 | 105,019 | 124,549 | 6,273 | 30,961 | 42,345 |
| Portugal | 11,316 | 80,744 | 83,751 | 4,020 | 28,805 | 29,587 |
| Russia | 6,376 | 54,134 | 59,548 | 4,369 | 40,675 | 44,743 |
| Spain | 107,827 | 647,435 | 675,969 | 18,000 | 116,579 | 120,578 |
| Sweden | 578 | 6,172 | 6,368 | 0 | 0 | 0 |
| Switzerland(*) | 82,791 | 499,454 | 513,820 | 3,196 | 16,997 | 18,417 |
| Taiwan | 121,244 | 223,733 | 238,642 | 22,982 | 32,126 | 34,611 |
| Thailand | 660 | 2,975 | 3,158 | 0 | 0 | 0 |
| Turkey | 50,289 | 334,913 | 346,647 | 7,895 | 55,737 | 58,815 |
| Ukraine | 54,613 | 198,929 | 219,148 | 15,383 | 54,779 | 60,257 |
| United Kingdom | 8,074 | 59,623 | 62,541 | 1,042 | 8,272 | 9,099 |
| Uruguay | 18,063 | 69,517 | 72,017 | 0 | 0 | 0 |
| Uzbekistan, Republic of | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | |
|---------|---------|---------|---------|--------|--------|--------|
| Vietnam | 121,630 | 291,609 | 310,051 | 14,626 | 35,746 | 37,046 |
|---------|---------|---------|---------|--------|--------|--------|

FLAVORED HONEY –

| | | | | | | |
|----------------|---------|-----------|-----------|--------|---------|---------|
| Australia(*) | 427 | 6,156 | 8,242 | 0 | 0 | 0 |
| Canada | 1,066 | 19,609 | 19,766 | 131 | 3,160 | 3,219 |
| China | 53,149 | 233,379 | 244,769 | 0 | 0 | 0 |
| Denmark(*) | 0 | 0 | 0 | 0 | 0 | 0 |
| Ecuador | 973 | 2,508 | 2,858 | 0 | 0 | 0 |
| Egypt | 480 | 2,200 | 2,296 | 0 | 0 | 0 |
| France(*) | 4,430 | 21,793 | 22,971 | 0 | 0 | 0 |
| Germany(*) | 23,405 | 492,286 | 499,216 | 5,800 | 250,703 | 255,453 |
| Greece | 1,849 | 9,946 | 10,400 | 1,433 | 3,887 | 4,074 |
| India | 23,764 | 71,826 | 76,952 | 19,720 | 46,342 | 49,192 |
| Indonesia | 1,214 | 3,099 | 3,108 | 0 | 0 | 0 |
| Ireland | 300 | 3,837 | 4,143 | 0 | 0 | 0 |
| Italy(*) | 5,189 | 102,395 | 105,714 | 362 | 6,803 | 6,950 |
| Japan | 255 | 21,150 | 21,347 | 0 | 0 | 0 |
| Korea, South | 57,207 | 1,177,748 | 1,191,662 | 9,442 | 213,810 | 217,443 |
| Mexico | 157,599 | 1,528,312 | 1,539,732 | 32,576 | 322,454 | 324,375 |
| New Zealand(*) | 147 | 11,149 | 12,065 | 0 | 0 | 0 |
| Poland | 1,173 | 7,400 | 7,897 | 0 | 0 | 0 |
| Portugal | 0 | 0 | 0 | 0 | 0 | 0 |
| Singapore | 3,588 | 10,920 | 11,639 | 0 | 0 | 0 |
| Spain | 6,238 | 51,522 | 55,622 | 0 | 0 | 0 |
| Taiwan | 0 | 0 | 0 | 0 | 0 | 0 |
| Thailand | 52,217 | 235,957 | 242,947 | 6,750 | 29,535 | 30,709 |
| United Kingdom | 1,746 | 27,240 | 28,171 | 0 | 0 | 0 |

| | | | | | | |
|--------------------|--------------------|--------------------|--------------------|------------------|-------------------|-------------------|
| GRAND TOTAL | 123,582,518 | 368,718,529 | 381,936,427 | 8,382,402 | 25,441,870 | 26,412,363 |
|--------------------|--------------------|--------------------|--------------------|------------------|-------------------|-------------------|

Notes:

1. Data Source: Department of Commerce, U.S. Census Bureau, Foreign Trade Statistics

2. (*) denotes a country that is a summarization of its component countries.

3. Users should use cautious interpretation on QUANTITY reports using mixed units of measure. Commodity groups on a value report will reflect a total of all statistics for each commodity in the group in DOLLARS, whereas a QUANTITY line item will show statistics on the greatest number of like units of measure for grouped commodities.

4. Product Group : Harmonized