

# NATIONAL HONEY REPORT



United States  
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Agriculture

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## HONEY MARKET FOR THE MONTH OF NOVEMBER, 2012

### 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 | Extra Light Amber | \$1.80 |  |
| Soybean | Light Amber       | \$1.55 |  |
| Tallow  | Light Amber       | \$1.49 |  |

#### CALIFORNIA

|             |                   |        |          |
|-------------|-------------------|--------|----------|
| Alfalfa     | White             | \$1.75 |          |
| Alfalfa     | Extra Light Amber | \$1.70 | - \$1.94 |
| Alfalfa     | Light Amber       | \$1.50 | - \$1.71 |
| Clover      | White             | \$1.94 |          |
| Cotton      | Light Amber       | \$1.94 |          |
| Orange      | White             | \$1.99 |          |
| Sage        | Light Amber       | \$1.74 | - \$1.89 |
| Wildflowers | Light Amber       | \$1.59 | - \$1.77 |
| Wildflowers | Amber             | \$1.34 |          |

#### COLORADO

|         |             |        |  |
|---------|-------------|--------|--|
| Alfalfa | Light Amber | \$1.85 |  |
|---------|-------------|--------|--|

#### DAKOTAS

|            |                   |        |          |
|------------|-------------------|--------|----------|
| Alfalfa    | White             | \$1.95 |          |
| Alfalfa    | Extra Light Amber | \$1.95 |          |
| Alfalfa    | Light Amber       | \$1.69 | - \$1.95 |
| Canola     | White             | \$1.95 |          |
| Canola     | Extra Light Amber | \$1.80 |          |
| Clover     | White             | \$1.81 | - \$2.00 |
| Clover     | Extra Light Amber | \$1.95 |          |
| Sunflower  | White             | \$1.95 |          |
| Sunflower  | Extra Light Amber | \$1.95 |          |
| Sunflower  | Light Amber       | \$1.95 |          |
| Sunflower  | Amber             | \$1.60 |          |
| Wildflower | White             | \$1.95 |          |

#### FLORIDA

|             |                   |        |          |
|-------------|-------------------|--------|----------|
| Clover      | White             | \$1.80 |          |
| Clover      | Extra Light Amber | \$1.70 |          |
| Pepper      | Extra Light Amber | \$1.65 | - \$1.80 |
| Wildflowers | Extra Light Amber | \$1.80 |          |

#### IDAHO

|             |            |        |  |
|-------------|------------|--------|--|
| Clover      | White      | \$1.95 |  |
| Wildflowers | Dark Amber | \$1.55 |  |

#### MINNESOTA

|        |       |        |  |
|--------|-------|--------|--|
| Canola | White | \$1.95 |  |
| Clover | White | \$1.95 |  |

#### MONTANA

|         |                   |        |          |
|---------|-------------------|--------|----------|
| Alfalfa | White             | \$1.95 | - \$1.98 |
| Alfalfa | Extra Light Amber | \$1.78 |          |
| Clover  | White             | \$1.90 | - \$2.00 |

#### MISSISSIPPI

|         |                   |        |  |
|---------|-------------------|--------|--|
| Soybean | Extra Light Amber | \$1.80 |  |
|---------|-------------------|--------|--|

#### OHIO

|             |       |        |  |
|-------------|-------|--------|--|
| Wildflowers | White | \$1.95 |  |
|-------------|-------|--------|--|

#### WASHINGTON

|             |                   |        |  |
|-------------|-------------------|--------|--|
| Wildflowers | Extra Light Amber | \$1.95 |  |
|-------------|-------------------|--------|--|

#### WYOMING

|        |             |        |  |
|--------|-------------|--------|--|
| Clover | Light Amber | \$1.70 |  |
|--------|-------------|--------|--|

#### WISCONSIN

|        |       |        |  |
|--------|-------|--------|--|
| Clover | White | \$2.00 |  |
|--------|-------|--------|--|

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.

|        |       |        |          |
|--------|-------|--------|----------|
| Canola | White | \$1.75 | - \$1.84 |
| Clover | White | \$1.67 | - \$1.87 |

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 | White             | \$1.48 | - \$1.62 |
| Mixed Flowers | Extra Light Amber | \$1.33 | - \$1.58 |
| Mixed Flowers | Light Amber       | \$1.32 | - \$1.33 |

#### BRAZIL

|               |                   |        |          |
|---------------|-------------------|--------|----------|
| Mixed Flowers | Light Amber       | \$1.37 |          |
| Orange        | White             | \$1.88 | - \$1.89 |
| Orange        | Extra Light Amber | \$1.88 |          |
| ORGANIC       | White             | \$1.86 |          |
| ORGANIC       | Extra Light Amber | \$1.66 |          |
| ORGANIC       | Light Amber       | \$1.55 |          |

#### CHILE

|               |                   |        |  |
|---------------|-------------------|--------|--|
| Mixed Flowers | Extra Light Amber | \$1.37 |  |
| Mixed Flowers | Light Amber       | \$1.37 |  |

#### INDIA

|               |                   |        |          |
|---------------|-------------------|--------|----------|
| Mixed Flowers | Light Amber       | \$1.21 | - \$1.35 |
| Mustard       | Extra Light Amber | \$1.39 |          |
| Mustard       | Light Amber       | \$1.39 |          |

#### URUGUAY

|              |             |        |          |
|--------------|-------------|--------|----------|
| Mixed Flower | Light Amber | \$1.35 | - \$1.37 |
|--------------|-------------|--------|----------|

#### VIETNAM

|               |             |        |          |
|---------------|-------------|--------|----------|
| Mixed Flowers | Light Amber | \$1.28 | - \$1.31 |
|---------------|-------------|--------|----------|

**COLONY, HONEY PLANT AND MARKET CONDITIONS DURING NOVEMBER, 2012**

**APPALACHIAN DISTRICT (MD, PA, VA, WV):** Temperatures in the region cooled down in November to near normal levels with average temperatures ranging from 3 degrees below normal to 2 degrees above average resulting in colony activity levels to slow down. Precipitation levels were also about normal and soil moisture levels were adequate. Beekeepers continue to supply supplemental feeding to colonies and monitor for small hive beetle and attend area wide association meetings.

**ALABAMA:** No report issued.

**ARIZONA:** Temperatures in Arizona were generally above normal for the entire month of November. The statewide range in temperatures for the month was a high of 94 degrees Fahrenheit in Coolidge to a low of 3 degrees Fahrenheit at the Grand Canyon. 14 of 21 reporting stations received precipitation during the first week of the month, while during the final three weeks of November, 2, 1 and 0 stations received precipitation, respectively. All reporting stations are below normal precipitation levels for the year with 13 of the 21 stations under 75 percent of normal annual precipitation levels. The main nectar and pollen sources for bees in Arizona were melons (cantaloupes, honeydews), alfalfa and desert plant bloom. Beekeepers are starting to make preparations to move colonies to other locations within the state, or to other states, for pollination of nut and fruit trees. Demand for honey remains good.

**ARKANSAS:** Pollen and nectar sources received in the month of November were from asters and trees. Conditions of the colonies only fair. Weather conditions showed below normal temperatures with little rainfall. Supply is low while demand remains high.

**CALIFORNIA:** The month of November in the Golden State saw California enjoying warm and dry weather early in the month, with periods of precipitation mostly in Northern California. As the month progressed, a cold front brought widespread activity all across the State, and was cold enough to bring snow to the Sierra Nevada Mountains. At month's close, Northern California was experiencing rainy weather with Southern California temperatures returning to seasonal levels. Morning fog was occurring in the San Joaquin Valley. The summer bees are gone. Only the winter bees are left in the hives. They spend most of the time in tight clusters assembled around their queens which, in most cases, stopped laying eggs a few weeks ago. With no brood to incubate and with just a few hours to forage on mild sunny days, the bees seem to be resting. For now, well fed and with no brood to nurture, the young winter bees can focus their attention on eliminating mites and on cleaning and preparing the brood chambers. Soon, their queens will begin to lay eggs again, and a new generation of bees will be developing. More heat will be needed. To generate it, store consumption will increase and consequently more metabolic water will be produced. Then, the winter bees will begin to age. Winter is short in our area, and spring will be here very soon. Some bee hives are being moved into the State in preparation for the almond bloom. Where available, and bees who are able to leave the hives, bees are feeding on borage, asters, chrysanthemums, zinnias, ivy, thyme, oregano, statice, Madrone and manzanita.

**COLORADO:** The drought conditions that have persisted across much of Colorado continue to have a profound impact upon commercial beekeepers. The weather across Colorado during November according to the National Weather Service was warmer than normal with below normal precipitation across the entire State. Very little snow was recorded at the lower elevations during the same period. According to the U.S. Drought Monitor, an area in the north central part of Colorado is now listed as being in a moderate drought. This is an improvement from the previous month. However the rest of the State continues to be in a severe to extreme drought. There is an area in the southeast part of the State which is still in an exceptional drought. The exceptional drought category is the worst possible drought rating according to the U.S. Drought Monitor. Even though yields of honey per hive were reduced by droughty conditions, in many cases, it has not had a profound negative effect upon the remaining bees. Beekeepers have stated that the brood patterns were looking full and bees looking healthy. There are still worries among beekeepers about the constant persistence of higher mite populations. There seems to be a large difference among commercial beekeepers in regards to mite levels experienced this season. Some beekeepers had lower levels of mites with very few losses. However other beekeepers experienced increased levels of mites, translating to higher hive losses and reduced honey production. It seems that a proactive treatment program and a good foraging diet for the bees seem to be ways to reduce mite levels. The only way to provide a good foraging diet for the bees in the middle of a drought is with irrigation. Some beekeepers do not have this luxury. The drought areas produced less forage and had a cascade effect on bee hives that did not have irrigated fields to utilize. Less forage material led to queens shutting down thereby producing less brood, leading to less honey and consequently more mites. Some beekeepers have been supplementing the bee's diet with sugar water, corn syrup and pollen patties in an effort to put some weight on the bees going into the winter months. A few beekeepers though have stop utilizing pollen patties because they have not seen any benefits in utilizing them. Most of the commercial bees have already shipped to their winter homes in California and Texas. Some bees that were shipped to Texas were actively foraging ground cover to collect pollen and nectar in late November. The droughty conditions in Colorado created a very overall short supply of honey in the 2012 season. Supplies of honey are all sold or committed at this time. Wholesale and retail demand for honey continues to be excellent in Colorado. Recent prices received in Colorado by commercial beekeepers for wholesale white honey averaged \$1.95 per pound. The current commercial price received for light capping wax was \$5.00 per pound. Retail honey prices from private and commercial beekeepers average from \$5.25 to \$6.25 per pound depending upon the specific variety and container size.

**FLORIDA:** November was a dry month and adversely affected some hives in Florida. Some hives were in worse health at the end of the month than at the beginning. A lack of natural food sources and more mites than normal were the two largest problems. Many beekeepers were trying to improve the health of their hives before they began splitting hives. Beekeepers with healthier hives were already splitting them to increase their colony numbers. There were few natural sources of nectar or pollen with aster available in some areas and Spanish Needle and Primrose Willow available primarily in the south. This resulted in widespread supplemental feeding. Early winter losses have been estimated by some beekeepers to be less than normal with some estimates in the 22%-25% range. Normal losses are generally in the 30%-35% range. Prices remain strong with very low supplies. It would appear that this years' honey production will be considered about normal for the entire state. Beekeepers will be preparing their hives in December and January for California almond pollination season beginning shortly after the first of the year.

GEORGIA: November had moderate temperatures throughout the month with some rain and wind mostly along the coastline and the northern part of the state early in the month from Hurricane Sandy. The end of the month had cold weather and freeze warnings. Currently beekeepers are busy preparing the hives for the upcoming winter months ahead. Some of the hives are being supplemented with extra feed especially in the areas that had drought conditions. Sales of honey are strong for the holidays. Most of the beekeepers have experienced losses that are higher than normal. Reported losses have ranged anywhere from a low of twenty five percent to as high as fifty percent. Management of the hives is extremely important as one of the contributing factors appears to be from Nosema Serena, other factors may also be the hive beetle and mites. A cold winter would be welcomed at this point to avoid another early blooming of pollen producing plants, which happened this last year.

IDAHO: Temperatures were above normal in all areas of the State during November. Twin Falls in the southwestern part of the Idaho led the State, with recorded temperatures 5.50 degrees higher than the normal during the month. The southwestern part of the State was also drier than normal. Other areas saw slightly above normal precipitation. The U.S. Drought Monitor currently indicates that the upper panhandle of Idaho is near normal on precipitation. However, the central part of the State is listed as being abnormally dry and southern areas are listed as having moderate drought conditions. Currently most commercial beekeepers have their hives in Idaho. They plan on transporting them to California for the almond pollination in the middle of January. There are still worries among beekeepers about the constant persistence of higher mite populations. There seems to be a large difference among commercial beekeepers in regards to mite levels experienced this season. Some beekeepers had lower levels of mites with very few losses. However other beekeepers experienced increased levels of mites, translating to higher hive losses and reduced honey production. It seems that a proactive treatment program and a good foraging diet for the bees seem to be ways to reduce mite levels. The only way to provide a good foraging diet for the bees in the middle of a drought is with irrigation. Some beekeepers do not have this luxury. The drought areas produced less forage and had a cascade effect on bee hives that did not have irrigated fields to utilize. Less forage material led to queens shutting down to create less brood, leading to less honey and consequently more mites. The bees that remain appear to be healthy and look fairly good going into the winter months. Besides honey stores, beekeepers stated they are also supplementing hives with pollen patties and corn syrup. Wholesale and retail demand for honey continues to be excellent in Idaho. Overall supply of honey is very tight this season due to lighter yields during 2012 across the State. Current prices received in Idaho by commercial beekeepers for wholesale white honey average from \$1.95 to \$2.00 per pound. Retail honey prices from private and commercial beekeepers average from \$4.00 to \$5.42 per pound depending upon the specific variety and container type. The current commercial prices received for light capping wax average from \$3.00 to \$3.20 per pound.

ILLINOIS: Beekeepers were generally finished with overwintering wrapping of hives and were in winter yards. The month temperatures were generally milder than normal with daytime highs in the upper forties to mid-fifties over some of the state. The fall flow was generally much better than expected due to warm daytime temperatures and timely rainfall. Supplemental feeding was not expected to begin as soon as normal due to the aster and goldenrod producing such a heavy crop. Wholesale honey movement was good with color ranging from amber to dark.

IOWA, KANSAS, MISSOURI, NEBRASKA: Temperatures across were higher than normal, as precipitation continued to be below normal. Drought conditions continue as surface and ground water supplies run below normal levels. There were minimal trace amount of snowfall. Winterizing activity of bees are completed. Beekeepers continue to report that bees have above adequate supplies of honey storages. Beekeepers were busy attending year ending conferences and meetings. Most are reporting good colonies conditions overall.

INDIANA: Bees had been working a variety of wild flowers in southern sections due to the milder than normal daytime temperatures combined with welcome rainfall of one to two inches. In some northern sections very little foliage and floral sources for collection was reported. Average temperatures ranged from lower forties to mid-fifties in northern areas while central and southern section had experienced daytime highs in the mid 60's. The middle of the month very little change in temperatures had been reported as beekeepers finished winter overwrap activity and remaining hives had been moved to overwintering yards. Honey sales were good as most demand came from fall festivals.

KENTUCKY: No report issued.

LOUISIANA: Pollen and nectar sources received in the month of November were wild flowers. Colonies were in generally in good condition. Weather has had below normal temperatures with adequate rainfall. Supply low while demand remains high.

MICHIGAN: November was a quiet month for bee activity, although there were a few sunny days when bees were able to complete cleansing flights. Some beekeepers reported below average honey production in recent months. Although farmers markets have ended for the year, honey demand seems strong in health-food stores and co-ops around the state. The unseasonable mild weather at the end of the month has many optimistic that there will be a high survival rate over the winter months.

MINNESOTA: The weather across Minnesota during November according to the National Weather Service was warmer than normal with below normal precipitation across the state. Very little snow was recorded except in the northern areas of the state. According to the U.S. Drought Monitor, the northwest and southwest areas of Minnesota are now listed as being in an extreme drought. The rest of Minnesota is now listed as being in a severe drought situation. Commercial bees have now been shipped to the Southern States and California. The warmer temperatures this fall in Minnesota reduced the need of early supplemental feeding. This has been a very large monetary savings to beekeepers considering the high cost of corn syrup. A good thing cannot last forever and whether bees were shipped or left in Minnesota, most beekeepers have now indicated that they have started supplemental feeding with sugar syrup and corn syrup. At this point of time the Minnesota bees, according to beekeepers, are healthy and have good brood patterns. There are still some worries among beekeepers about the constant persistence of higher mite populations. There seems to be a large difference among commercial beekeepers in regards to mite levels experienced this season. Some beekeepers had lower levels of mites with very few losses. However other beekeepers that experienced increased levels of mites had higher hive losses of up to 45 percent. It was not known until late this fall after going through the hives, the adverse impact that mites had on some of the hives. With these types of losses for some beekeepers, fewer hives were shipped to California for the almond pollination. The pollination services that Minnesota beekeepers provide to the almond growers of California, will range around \$150.00 per 7 to 8 frame hive. Due to a small Minnesota honey crop from 2012, supplies of from the State are either sold or committed at this time. The short crop has left very little honey for the open market going into the winter months. Wholesale and retail demand for honey continues to be excellent in Minnesota. Recent prices received in Minnesota by commercial beekeepers for wholesale white honey average from

\$1.90 to \$1.95 per pound and extra light amber average \$1.85 to \$1.90 per pound. The current commercial price received for light capping wax average from \$3.30 to \$3.40 per pound. Retail honey prices from private and commercial beekeepers average from \$3.33 to \$6.00 per pound depending upon the specific variety and container size. Some reports from farmers markets in Minnesota have some retail prices of honey up to \$12.00 per pound.

**MISSISSIPPI:** Many areas of the state are experiencing much of the same problems the rest of the country has had. Several beekeepers have had losses reported as high as fifty percent. Although Nosema Serena is thought to be a big contributing factor, other reasons are being searched out by experts in the field at this time to try to help the beekeepers keep in control of the problem. Currently the hives are being prepared for the winter months ahead. Demand and sales are strong and prices remain steady.

**MONTANA:** A winter storm covered most of Montana with a layer of snow early in November before weather conditions generally returned to dry and warm for the remainder of the month. Another intense Pacific winter storm the first several days of December moved across the northern Intermountain west bringing further drought relief although several northeastern Montana counties remained in severe drought conditions according to the U.S. Drought monitor. High temperatures for the month ranged from the mid-50s to the lower 70s, while lows were from below 0 degrees to the mid-20s. Topsoil moisture measurements at the end of November measured 23 percent very short, compared with 9 percent last year; 27 percent short, compared to 37 percent last year; 47 percent adequate, 52 percent adequate last year; and 3 percent surplus, compared to 2 percent last year. Subsoil moisture measured 65 percent short and very short, while 35 percent of subsoil moisture measurements were adequate or surplus. Late row crop harvesting continued while winter grain seeding was completed with 68 percent emerged. Colony health was reported to be in generally good. During November, keepers finished their fall inspections, adding supplemental feeding were needed, and were wrapping up home wintering over colonies against the cold to come. Some migratory colonies were shipped to California wintering areas for the California spring almond bloom, while other colonies were shipped to warmer intermediate staging locations, to be trucked to the California bloom later. Honey demand was good.

**NEW ENGLAND:** New England weather for the month of November featured milder than normal temperatures with daytime highs in the 50s and with normal precipitation resulting in average soil moisture levels for the entire region. Due to the warm weather, the bees have been working off the remaining late blooming floral and pollen sources such as blue gentian, buckwheat, mint especially mountain mint, wing stem, teasel, figwort, burdock, purple coneflower, heather, boneset, fireweed, ironweed, star thistle and particularly aster and golden rod, knotweed and various fall wild flowers. Pollen and nectar sources have diminished with just a few sources remaining, which are hard to identify which ones the bees are using. Honey flow and colony population buildup has finished at the end of the month. Some keepers report that they are finding drones still being dragged out of their hives, which is by most record keeping, is at least three weeks late for most keepers. Hives that have exhibited large honeybee populations possess young bees which were born after Labor Day and are the ones that ultimately live through the winter because they have not been foraging. Reportedly some honey robbing occurred between hives due to the weakness in population numbers in some hives and depleted nectar and food sources. Entrance reducers purportedly have been very effective in this regard. Overall perception is that New England hives have required heavy feeding this year due to little nectar flow in August/September. Aside from the low honey crop is the additional problem it creates for colony growth. Early on in this month, there was later egg laying by all queens with slightly larger egg patterns. Honey stores on brood frames are very small although in many cases large quantities of pollen are found. Limited pollen and nectar means less brood and poor nutrition. 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. Keepers took advantage of the later fall warmer temperatures by combining weak colonies to form strong ones and re-queen for a strong spring build up. Additionally keepers see an advantage for a fast spring build up by wintering over with two deep hive bodies. Keepers are feeding with sugar syrup (2:1) with prescribed amounts of Fumidil-B added and feed two gallons per hive before clustering as this procedure will help restore the depleted honey stores and help prevent nosema. (Nosema is a spore producing parasitic protozoan and is primarily passed through defecation on combs during the prolonged cold periods of winter. It is one of the most widespread diseases of adult bees. Nosema is not a new strain, as it has been affecting honeybees researched back to 1985 by the USDA.) Bioneem is being used in place of Fumidil-B but has not been registered for use on honeybees due to prohibitive costs and small market. Keepers currently in New England have treated their hives for varroa and tracheal mites, American foul brood, wax moth, and chalk brood. The treatments used in New England are apiguard, apistan, mite-away II, paradichlorobenzene, formic acid and Terramycin to name the ones most popular in use. The vast majorities of beekeepers have finished with their integrated pest management programs and have applied the last of their formic acid treatments. Keepers are utilizing more natural materials and techniques to treat such as powder sugar and drone cone removal/exchange/freeze methods with screened bottom boards. Additionally, extracted and stored honey supers are being treated with paradichlorobenzene moth flakes in order to kill the ever present wax moth. Hives are being winter prepared by shielding them with wind breaks and plastic sheeting to abate harsh wind and severe cold. Over wintering procedure 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. Beekeepers report colonies to be in good to very good condition with mite problems under control. Practically all New England keepers have removed honey supers for extraction. Most keepers are now feeding with pollen patties and fondant and have secured their hives for the winter. The region has exhibited honey yields in all shape and sizes, occasionally spotty with underperforming hives mixed with better ones. It is the local environment and the work that the bees do that determines the honey quantity, quality, taste and color. The criteria of moisture content, clarity, and taste determines how honey is graded for quality. State inspectors report that hives are in good condition. Hives are healthy with low mite levels and have built up well in population. Most have sufficient honey stores and in New England the recommendation is 60 lbs. of honey. Demand at the farmer's markets, local roadside stands and at fall/winter festivals has been excellent and continues to remain strong. Honey sales remains very good and continues to grow as supplies of new crop, locally produced honey, in many cases, are very short and in some districts scarce. Prices quoted for retail 1 lb. bottled units were \$7.00 to \$10.00 mostly \$9.50 occasionally higher inclusive of all varieties; for food service operations prices were steady with 5 gallon units at \$175.00 to \$215.00 mostly \$210.00 and occasionally lower for all raw and natural honey depending on variety and quality. Current wholesale prices quoted exclusively for white, cleaned beeswax are steady and for 11lb 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:** Some beekeepers in Western New York remain concerned about general hive health. Pollen was lighter than desired going into the winter months. Many have planned to supplemental feed, although that nourishment has not been as effective in sustaining the bees. There have also been reports of fewer young broods in hives at this time than normal. Demand has remained strong with prices unchanged from mostly \$1.95 – 2.15 pound wholesale. In upstate New York, there have been some mild and warmer weather conditions for the end of November. There were some cleansing flights during November. Bees appeared to be in good condition for overwintering, with little feed needed at this time.

**NORTH CAROLINA:** Temperatures and precipitation in North Carolina were mostly below normal for November. Average temperatures ranged from 38 degrees to 57 degrees. Statewide soil moisture levels were rated 7 percent very short, 33 percent short, 58 percent adequate, and 2 percent surplus. The North Carolina Drought Council reported 16 counties as abnormally dry and 65 counties as experiencing moderate drought conditions. Bees continued to appear healthy and populations in the hives were normal. Beekeepers continued preparing hives for winter while the weather was still favorable. Going into December beekeepers will continue to check the status of hives, though probably less often, being careful not to disturb the cluster. If winter stores become low it will be necessary to continue supplemental feeding. Demand for honey is very good.

**NORTH & SOUTH DAKOTA:** The weather has been mixed with some precipitation and generally warmer than normal temperatures. Overall precipitations levels are below normal. Harvest is finished up for most crops. Beekeepers are preparing bees and moving them to various overwinter sites.

**OHIO:** Honey supplies are lighter than desired going into the winter months. Many larger beekeepers delayed harvest to increase honey stores the past few months. They are now faced with varroa mites in increasing numbers within the hives, as miticide applications were applied later in order to harvest additional honey supplies. Honey demand remains strong and prices firm. Many industry representatives expect prices to increase as we begin the New Year. Demand exceeds supplies of beeswax as well with only a slightly differential between light and dark beeswax.

**OKLAHOMA:** In Southern Oklahoma pollen and nectar sources received during November were from fall flowers, last of the field crops, nut trees and new growth of the pine trees. Conditions of the colonies were good and bees were consuming stores due to the warm weather. Many keepers are supplementing feeding due to low stores and for preparation for upcoming freezing weather. Weather conditions were unusually warm for November with two short-term freezes. Supply is good, demand is very high. Prices range from \$11.00 to \$18.00 a quart or 3 pounds. In Northern Oklahoma pollen and nectar sources during November were from nut trees and fall flowers. Colonies were in generally good condition. Weather conditions found temperatures above normal for this time of year. Supply and demand is good. Last report for Northern Oklahoma due to contact going out of business first of January.

**OREGON:** Oregon experienced generally warmer than normal temperatures with above average amounts of precipitation during November with highs in the upper 50s to lower 60s and with lows at freezing or above. Near the end of November, topsoil moisture measurements measured 6 percent very short, 5 percent short, 63 percent adequate, and 26 percent surplus. Subsoil moisture measured 28 percent short and very short, 72 percent adequate and surplus. Colonies were reported to be of generally good strength. During November, Oregon bee keepers were kept busy with their chores winterizing colonies and with equipment repair. Keepers continued to truck colonies to California wintering areas, although others preferred to winter their colonies closer to home until staging time for the start of the California almond and fruit pollination season. Wild plant and irrigated farm crop pollen and nectar sources were finished for the season. Honey demand was said to be good.

**SOUTH CAROLINA:** No report issued.

**TENNESSEE:** November in Tennessee was mostly drier and warmer than average. There few nectar or pollen sources available to the bees. Beekeepers reported that they had to feed the bees more and earlier this year than in the past. There are some reports of fall die-offs of otherwise strong colonies with no apparent disease, pest or pesticide causes. These die-offs may be nutritional/drought related.

**TEXAS:** Pollen and nectar sources received during November were from wild flowers, trees and winter crops. Colonies were in generally good condition. Some beekeepers have had to feed their bees in certain areas of Texas. Weather conditions have seen above normal temperatures, no rainfall. Supply and demand are high.

**UTAH:** According to records from the National Weather Service, the month of November was warmer than normal across the entire State of Utah by up to 4.70 degrees in the Salt Lake City area and 4.0 degrees in Cedar City. Precipitation was slightly below normal in the Cedar City area and slightly above normal in Salt Lake City for the month. From November 9th to 11th the Salt Lake City area had 15 inches of snow. With the higher temperatures in the Salt Lake area, the snow melted quickly at the lower elevations. According to the U.S. Drought Monitor, the area around Salt Lake City and the southwestern part of the State are now showing a slight improvement in their drought ratings. These areas are now listed as being in a moderate drought. The rest of the State is still listed as being in a severe to extreme drought. It has been a very difficult season for many beekeepers across the state. This year's drought caused plant stress and a lack of quality foraging for the bees. This problem then caused additional problems such as reduced brood cycles, early shut down of queens and higher mite levels in the remaining hives. The drought also caused agricultural producers to increase the level of spraying to rid their fields of alfalfa weevils. In many cases the resulting spray drift further damaged the remaining foraging bees. Consequently, the end of the season could not have come sooner for many beekeepers in Utah. Each one of these issues has contributed to the reduced honey production in Utah this season. Due to the drought and smaller amount of foraging plants, honey stores have not been available to bees, so many commercial beekeepers have been forced to supplement their bee's diet by up to 3 times as much as normal. Most commercial beekeepers have moved bees to California already to prepare for the almond pollination in early 2013. Due to the drought and ensuing problems, there was a very short crop of 2012 honey in Utah. Supplies are all sold or committed at this time. Wholesale and retail demand for honey continues to be excellent in Utah. Recent prices received in Utah by commercial beekeepers for wholesale white honey averaged \$2.10 per pound and extra light amber averaged \$2.00 per pound. The current commercial price received for light capping wax was \$3.50 per pound. Retail honey prices from private and commercial beekeepers average from \$4.00 to \$8.00 per pound depending upon the specific variety and container size.

**WASHINGTON:** Harvest of fall crops, apples is complete. The weather began to cool off some but has been mixed with some precipitation and generally warmer than normal temperatures. This fall has seen the driest and warmest weather in more than 10 years. Beekeepers are preparing hives and moving bees to their various overwinter locations. Hives were generally looking good.

**WISCONSIN:** The daytime temperatures over the month had the latter part of September and October with high temperatures averaging in the fifties in daytime to overnight thirties. Northern sections had experienced lower reading due to varied weather patterns. Beekeepers reported most hives were in

generally good condition heading into winter. Some keepers had started supplemental feeding of sugar water due to dry conditions. Honey sales had been good as many beekeepers marketed their honey and were at local fall festivals. Bulk sales have been reported as good with average movement.

### U.S Exports of Honey By Country, Quantity, and Value

|  | Year to Date          |                  | October 2012          |                  |
|--|-----------------------|------------------|-----------------------|------------------|
|  | Quantity<br>Kilograms | Value<br>Dollars | Quantity<br>Kilograms | Value<br>Dollars |
| <b>COMB &amp; NATURAL HONEY PACKAGED FOR RETAIL SALE - - -</b> |                       |                  |                       |                  |
| Bahamas, The   | 19,027                | 66,064           | 9,122                 | 25,794           |
| Bahrain  | 40,230                | 97,651           | 0                     | 0                |
| Barbados   | 12,349                | 75,086           | 870                   | 5,233            |
| Bermuda  | 3,625                 | 25,330           | 1,229                 | 8,884            |
| Brazil   | 21,328                | 52,736           | 0                     | 0                |
| Cayman Islands   | 2,149                 | 13,418           | 0                     | 0                |
| China  | 20,599                | 50,000           | 0                     | 0                |
| Germany(*)   | 6,949                 | 25,222           | 0                     | 0                |
| Guyana   | 14,775                | 61,441           | 0                     | 0                |
| Honduras   | 0                     | 0                | 0                     | 0                |
| Hong Kong  | 48,308                | 241,753          | 0                     | 0                |
| Iceland  | 6,615                 | 18,559           | 0                     | 0                |
| India  | 3,708                 | 9,000            | 0                     | 0                |
| Indonesia  | 344,959               | 837,326          | 25,983                | 63,069           |
| Ireland  | 1,285                 | 3,119            | 0                     | 0                |
| Israel(*)  | 81,200                | 411,684          | 0                     | 0                |
| Japan  | 343,491               | 1,438,097        | 14,706                | 62,032           |
| Korea, South   | 222,739               | 1,014,605        | 64,544                | 320,678          |
| Kuwait   | 295,838               | 910,858          | 54,518                | 135,623          |
| Leeward-Windward Islands(*)                                    | 1,883                 | 7,920            | 0                     | 0                |
| Malaysia   | 18,971                | 52,040           | 0                     | 0                |
| Mexico   | 49,869                | 121,049          | 0                     | 0                |
| Netherlands Antilles(*)  | 7,934                 | 40,969           | 320                   | 3,087            |
| New Zealand(*)   | 14,425                | 35,014           | 0                     | 0                |
| Pakistan   | 32,684                | 79,335           | 7,327                 | 17,786           |
| Panama   | 15,652                | 95,262           | 2,588                 | 15,656           |
| Philippines  | 329,181               | 829,598          | 1,444                 | 12,258           |
| Poland   | 22,944                | 55,692           | 0                     | 0                |
| Saudi Arabia   | 53,341                | 129,475          | 0                     | 0                |
| Singapore  | 32,342                | 86,077           | 4,801                 | 11,653           |
| Taiwan   | 65,278                | 317,703          | 3,958                 | 20,476           |
| Thailand   | 12,907                | 46,767           | 0                     | 0                |
| United Arab Emirates   | 233,739               | 570,828          | 19,456                | 50,692           |
| Uruguay  | 2,966                 | 7,200            | 0                     | 0                |
| Vietnam  | 18,967                | 46,040           | 0                     | 0                |
| Yemen(*)   | 605,518               | 2,524,886        | 62,627                | 277,834          |

### NATURAL HONEY, NOT ELSEWHERE INDICATED OR SPECIFIED - - -

|                |         |           |        |         |
|----------------|---------|-----------|--------|---------|
| Australia(*)   | 2,280   | 7,038     | 0      | 0       |
| Bahamas, The   | 23,231  | 105,494   | 3,475  | 15,320  |
| Bahrain        | 3,674   | 7,128     | 0      | 0       |
| Barbados       | 10,612  | 26,370    | 0      | 0       |
| Bermuda        | 18,483  | 83,318    | 1,950  | 7,533   |
| Cambodia       | 1,527   | 10,052    | 0      | 0       |
| Canada         | 313,463 | 1,243,118 | 40,450 | 165,988 |
| Cayman Islands | 555     | 3,273     | 0      | 0       |
| China          | 16,242  | 90,322    | 350    | 8,250   |
| Colombia       | 2,435   | 7,700     | 350    | 2,640   |
| Hong Kong      | 14,579  | 66,735    | 0      | 0       |
| India          | 356,655 | 834,600   | 0      | 0       |

|                             |                  |                   |                |                  |
|-----------------------------|------------------|-------------------|----------------|------------------|
| Israel(*)                   | 225,400          | 871,855           | 0              | 0                |
| Jamaica                     | 16,982           | 68,900            | 0              | 0                |
| Japan                       | 305,157          | 927,222           | 10,717         | 77,940           |
| Korea, South                | 1,190            | 2,888             | 0              | 0                |
| Kuwait                      | 105              | 2,627             | 0              | 0                |
| Leeward-Windward Islands(*) | 1,201            | 3,960             | 0              | 0                |
| Netherlands Antilles(*)     | 12,432           | 59,251            | 0              | 0                |
| New Zealand(*)              | 285              | 3,662             | 0              | 0                |
| Nigeria                     | 1,378            | 3,345             | 0              | 0                |
| Panama                      | 1,216            | 7,476             | 0              | 0                |
| Philippines                 | 37,864           | 275,434           | 16,677         | 123,518          |
| Saudi Arabia                | 54,000           | 290,347           | 18,000         | 101,808          |
| Singapore                   | 2,361            | 18,111            | 1,054          | 9,276            |
| Taiwan                      | 2,483            | 13,260            | 0              | 0                |
| Thailand                    | 235,079          | 507,214           | 0              | 0                |
| United Arab Emirates        | 51,090           | 338,599           | 0              | 0                |
| United Kingdom              | 19,382           | 40,000            | 0              | 0                |
| Vietnam                     | 79,780           | 188,316           | 0              | 0                |
| Yemen(*)                    | 10,987           | 84,000            | 0              | 0                |
| <b>GRAND TOTAL</b>          | <b>4,829,883</b> | <b>16,589,419</b> | <b>366,516</b> | <b>1,543,028</b> |

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

| Year to Date          |                  |                      | October 2012          |                  |                      |
|-----------------------|------------------|----------------------|-----------------------|------------------|----------------------|
| Quantity<br>Kilograms | Value<br>Dollars | CIF Value<br>Dollars | Quantity<br>Kilograms | Value<br>Dollars | CIF Value<br>Dollars |

#### WHITE HONEY – NOT PACKAGED FOR RETAIL SALE - - -

|                |            |            |            |           |           |           |
|----------------|------------|------------|------------|-----------|-----------|-----------|
| Argentina      | 7,594,437  | 22,064,691 | 22,755,536 | 584,558   | 1,743,777 | 1,849,057 |
| Brazil         | 246,966    | 822,042    | 863,297    | 18,760    | 70,725    | 72,159    |
| Canada         | 12,554,718 | 47,026,367 | 47,330,849 | 1,649,355 | 6,421,817 | 6,452,910 |
| Chile          | 96,512     | 277,000    | 285,000    | 0         | 0         | 0         |
| Egypt          | 5,137      | 11,226     | 11,867     | 0         | 0         | 0         |
| France(*)      | 1,023      | 13,286     | 14,294     | 360       | 4,786     | 5,179     |
| Germany(*)     | 1,072      | 5,596      | 5,870      | 0         | 0         | 0         |
| Hungary        | 614        | 7,728      | 8,367      | 0         | 0         | 0         |
| India          | 1,519,354  | 4,185,535  | 4,445,541  | 0         | 0         | 0         |
| Italy(*)       | 14,107     | 102,739    | 105,647    | 308       | 2,792     | 2,844     |
| Mexico         | 549,685    | 1,982,571  | 1,996,057  | 12,095    | 43,996    | 44,996    |
| New Zealand(*) | 23,164     | 46,328     | 46,599     | 0         | 0         | 0         |
| Poland         | 2,650      | 20,442     | 21,057     | 0         | 0         | 0         |
| Spain          | 14,960     | 82,910     | 87,326     | 0         | 0         | 0         |
| Switzerland(*) | 3,191      | 21,516     | 21,924     | 0         | 0         | 0         |
| Tanzania       | 38,400     | 121,344    | 124,344    | 0         | 0         | 0         |
| United Kingdom | 5,143      | 37,791     | 39,904     | 0         | 0         | 0         |
| Uruguay        | 113,987    | 343,381    | 352,005    | 0         | 0         | 0         |

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

|              |            |            |            |           |           |           |
|--------------|------------|------------|------------|-----------|-----------|-----------|
| Argentina    | 19,463,103 | 56,725,214 | 58,572,722 | 1,390,568 | 4,036,144 | 4,161,907 |
| Australia(*) | 38,993     | 140,375    | 143,375    | 0         | 0         | 0         |
| Austria      | 1,830      | 10,406     | 11,035     | 1,080     | 5,072     | 5,355     |
| Brazil       | 2,352,605  | 7,806,064  | 8,074,356  | 79,869    | 308,391   | 313,325   |
| Canada       | 375,576    | 1,605,443  | 1,614,969  | 12,247    | 70,794    | 70,880    |
| Chile        | 543,810    | 1,478,291  | 1,536,170  | 0         | 0         | 0         |

|                |           |            |            |         |         |         |
|----------------|-----------|------------|------------|---------|---------|---------|
| China          | 18,734    | 56,449     | 59,949     | 0       | 0       | 0       |
| France(*)      | 12,208    | 58,165     | 63,144     | 0       | 0       | 0       |
| Guatemala      | 341,700   | 820,080    | 858,485    | 0       | 0       | 0       |
| India          | 6,748,946 | 17,619,084 | 18,571,274 | 342,900 | 841,407 | 902,017 |
| Indonesia      | 241,280   | 524,320    | 547,721    | 0       | 0       | 0       |
| Italy(*)       | 28,592    | 140,437    | 143,885    | 8,963   | 15,807  | 16,557  |
| Japan          | 10        | 2,871      | 2,970      | 0       | 0       | 0       |
| Malaysia       | 89,900    | 220,255    | 220,265    | 0       | 0       | 0       |
| Mexico         | 1,457,313 | 4,621,004  | 4,653,239  | 177,147 | 605,456 | 609,198 |
| Pakistan       | 76,000    | 191,900    | 204,400    | 19,000  | 49,400  | 52,400  |
| Switzerland(*) | 9,912     | 30,779     | 33,188     | 0       | 0       | 0       |
| Thailand       | 72,560    | 162,400    | 170,101    | 0       | 0       | 0       |
| Ukraine        | 701,424   | 1,835,637  | 1,875,050  | 38,140  | 101,262 | 102,264 |
| Uruguay        | 1,941,065 | 5,273,133  | 5,461,449  | 150,625 | 409,507 | 421,507 |
| Vietnam        | 844,650   | 2,081,927  | 2,198,564  | 19,500  | 47,970  | 50,970  |

**LIGHT AMBER HONEY – NOT PACKAGED FOR RETAIL SALE –**

|                    |            |            |            |           |           |           |
|--------------------|------------|------------|------------|-----------|-----------|-----------|
| Argentina          | 7,273,552  | 20,966,786 | 21,789,772 | 660,149   | 1,907,926 | 2,022,408 |
| Australia(*)       | 2,858      | 21,843     | 22,061     | 0         | 0         | 0         |
| Austria            | 15,975     | 145,739    | 153,807    | 988       | 6,930     | 7,546     |
| Brazil             | 4,568,814  | 13,087,801 | 13,589,445 | 226,076   | 644,214   | 669,576   |
| Canada             | 53,046     | 174,241    | 175,183    | 0         | 0         | 0         |
| Chile              | 989,843    | 2,643,685  | 2,724,100  | 17,789    | 47,141    | 48,141    |
| Dominican Republic | 404,189    | 1,069,180  | 1,120,357  | 20,197    | 56,011    | 59,978    |
| France(*)          | 1,474      | 16,273     | 17,943     | 355       | 2,684     | 2,952     |
| Germany(*)         | 138,218    | 584,582    | 606,653    | 27,438    | 131,467   | 138,110   |
| Greece             | 1,545      | 15,627     | 16,057     | 0         | 0         | 0         |
| Guatemala          | 67,862     | 199,335    | 205,335    | 0         | 0         | 0         |
| Hong Kong          | 6,840      | 42,565     | 43,320     | 0         | 0         | 0         |
| India              | 10,385,463 | 26,112,792 | 27,700,061 | 1,011,518 | 2,543,709 | 2,715,877 |
| Indonesia          | 121,996    | 267,989    | 288,989    | 0         | 0         | 0         |
| Ireland            | 292        | 3,114      | 3,177      | 0         | 0         | 0         |
| Italy(*)           | 5,161      | 74,165     | 79,814     | 1,222     | 17,485    | 19,618    |
| Japan              | 4,654      | 11,403     | 11,880     | 0         | 0         | 0         |
| Lithuania          | 768        | 4,069      | 4,555      | 0         | 0         | 0         |
| Malaysia           | 1,917,222  | 4,666,970  | 4,829,145  | 107,880   | 264,306   | 264,318   |
| Mexico             | 2,674,097  | 7,697,519  | 7,742,320  | 140,135   | 402,186   | 402,248   |
| New Zealand(*)     | 58,377     | 566,203    | 575,357    | 2,775     | 46,318    | 47,715    |
| Pakistan           | 535        | 2,120      | 2,332      | 0         | 0         | 0         |
| Poland             | 1,231      | 7,594      | 8,068      | 0         | 0         | 0         |
| Romania            | 1,728      | 9,359      | 9,888      | 0         | 0         | 0         |
| Russia             | 2,360      | 38,638     | 42,188     | 0         | 0         | 0         |
| Spain              | 11,124     | 86,239     | 88,284     | 392       | 4,248     | 4,311     |
| Switzerland(*)     | 8,520      | 54,796     | 55,051     | 3,571     | 18,345    | 18,375    |
| Taiwan             | 57,420     | 127,229    | 133,382    | 57,420    | 127,229   | 133,382   |
| Thailand           | 36,600     | 86,560     | 86,924     | 0         | 0         | 0         |
| Turkey             | 735,453    | 1,761,540  | 1,917,543  | 0         | 0         | 0         |
| Ukraine            | 37,200     | 100,812    | 108,812    | 0         | 0         | 0         |
| Uruguay            | 8,481,322  | 22,759,740 | 23,325,632 | 167,901   | 478,883   | 509,048   |
| Vietnam            | 13,145,862 | 32,468,214 | 34,039,486 | 1,870,262 | 4,637,439 | 4,855,650 |

**NOT OTHERWISE SPECIFIED OR INDICATED ---**

|           |         |           |           |        |         |         |
|-----------|---------|-----------|-----------|--------|---------|---------|
| Argentina | 599,490 | 1,745,970 | 1,791,415 | 93,222 | 268,028 | 276,222 |
|-----------|---------|-----------|-----------|--------|---------|---------|

|                    |           |           |           |        |         |         |
|--------------------|-----------|-----------|-----------|--------|---------|---------|
| Armenia            | 452       | 3,510     | 4,123     | 0      | 0       | 0       |
| Australia(*)       | 1,050     | 16,194    | 16,444    | 0      | 0       | 0       |
| Brazil             | 324,258   | 866,395   | 915,630   | 38,640 | 112,608 | 125,451 |
| Canada             | 268,618   | 946,782   | 947,206   | 21,717 | 90,146  | 90,161  |
| Chile              | 56,265    | 149,309   | 153,956   | 0      | 0       | 0       |
| Dominican Republic | 232,759   | 448,119   | 463,583   | 2,037  | 2,800   | 2,888   |
| Egypt              | 1,500     | 3,560     | 4,056     | 0      | 0       | 0       |
| France(*)          | 1,255     | 17,270    | 19,974    | 0      | 0       | 0       |
| Germany(*)         | 1,239     | 12,286    | 12,908    | 0      | 0       | 0       |
| Greece             | 5,031     | 46,206    | 52,725    | 2,442  | 19,246  | 21,415  |
| Hungary            | 3,252     | 16,985    | 17,985    | 0      | 0       | 0       |
| India              | 1,684,296 | 5,259,629 | 5,516,996 | 0      | 0       | 0       |
| Indonesia          | 94,540    | 183,048   | 195,048   | 0      | 0       | 0       |
| Israel(*)          | 8,544     | 68,569    | 70,924    | 0      | 0       | 0       |
| Italy(*)           | 10,481    | 122,786   | 128,553   | 1,267  | 18,054  | 19,064  |
| Japan              | 1,958     | 6,306     | 6,534     | 0      | 0       | 0       |
| Lithuania          | 5,372     | 21,079    | 23,762    | 0      | 0       | 0       |
| Mexico             | 342,495   | 886,926   | 901,571   | 10,366 | 15,936  | 15,996  |
| Moldova            | 6,198     | 19,581    | 22,286    | 0      | 0       | 0       |
| New Zealand(*)     | 505,927   | 2,987,871 | 3,082,567 | 42,208 | 295,381 | 315,755 |
| Poland             | 14,585    | 79,301    | 89,089    | 9,264  | 35,387  | 39,476  |
| Russia             | 1,596     | 16,692    | 17,818    | 1,092  | 10,907  | 11,531  |
| Saudi Arabia       | 6,000     | 5,400     | 6,132     | 0      | 0       | 0       |
| Spain              | 5,755     | 41,245    | 43,797    | 0      | 0       | 0       |
| Taiwan             | 922,650   | 2,177,049 | 2,271,059 | 58,350 | 147,567 | 152,525 |
| Thailand           | 92,630    | 203,786   | 206,841   | 0      | 0       | 0       |
| Ukraine            | 45,849    | 126,005   | 132,682   | 0      | 0       | 0       |
| United Kingdom     | 10,266    | 37,318    | 40,504    | 0      | 0       | 0       |
| Uruguay            | 245,578   | 625,516   | 639,102   | 0      | 0       | 0       |
| Vietnam            | 1,642,640 | 3,920,655 | 4,101,786 | 0      | 0       | 0       |

**COMB AND RETAIL HONEY –**

|                       |         |           |           |        |         |         |
|-----------------------|---------|-----------|-----------|--------|---------|---------|
| Argentina             | 6,001   | 28,710    | 31,210    | 0      | 0       | 0       |
| Armenia               | 9,362   | 79,074    | 81,505    | 0      | 0       | 0       |
| Austria               | 6,485   | 83,058    | 86,840    | 1,315  | 19,545  | 20,518  |
| Belgium-Luxembourg(*) | 3,275   | 24,753    | 25,881    | 2,381  | 12,727  | 13,368  |
| Brazil                | 76,880  | 244,909   | 258,290   | 0      | 0       | 0       |
| Bulgaria              | 108,574 | 411,468   | 432,873   | 11,552 | 47,308  | 49,383  |
| Canada                | 495,341 | 2,785,580 | 2,795,418 | 33,099 | 195,681 | 196,566 |
| Chile                 | 294     | 3,828     | 3,831     | 0      | 0       | 0       |
| Croatia               | 3,645   | 29,738    | 30,386    | 0      | 0       | 0       |
| Dominican Republic    | 5,961   | 11,812    | 13,259    | 0      | 0       | 0       |
| Egypt                 | 2,511   | 11,770    | 12,716    | 0      | 0       | 0       |
| France(*)             | 88,734  | 929,994   | 976,278   | 8,614  | 101,469 | 106,975 |
| Germany(*)            | 95,060  | 531,703   | 555,838   | 12,390 | 77,218  | 83,125  |
| Greece                | 32,257  | 306,432   | 318,056   | 0      | 0       | 0       |
| Guatemala             | 2,527   | 5,506     | 5,870     | 0      | 0       | 0       |
| Hungary               | 9,720   | 59,039    | 61,719    | 0      | 0       | 0       |
| India                 | 257,283 | 922,776   | 958,359   | 0      | 0       | 0       |
| Ireland               | 440     | 2,905     | 3,656     | 440    | 2,905   | 3,656   |
| Israel(*)             | 4,377   | 20,798    | 20,877    | 0      | 0       | 0       |
| Italy(*)              | 15,416  | 159,941   | 163,562   | 732    | 9,817   | 10,260  |
| Lebanon               | 5,631   | 68,925    | 71,225    | 0      | 0       | 0       |
| Lithuania             | 14,616  | 68,904    | 75,795    | 4,308  | 27,691  | 30,460  |
| Malaysia              | 59,601  | 60,935    | 60,938    | 0      | 0       | 0       |
| Mexico                | 54,490  | 171,001   | 187,960   | 0      | 0       | 0       |

|                         |         |           |           |        |         |         |
|-------------------------|---------|-----------|-----------|--------|---------|---------|
| Moldova                 | 12,108  | 52,592    | 57,958    | 1,693  | 9,236   | 10,160  |
| New Zealand(*)          | 127,524 | 1,099,831 | 1,126,724 | 17,195 | 116,937 | 119,526 |
| Poland                  | 71,796  | 67,964    | 74,061    | 3,193  | 4,092   | 4,447   |
| Portugal                | 9,298   | 62,432    | 64,896    | 1,032  | 5,508   | 5,836   |
| Romania                 | 432     | 3,451     | 3,647     | 0      | 0       | 0       |
| Russia                  | 54,865  | 356,263   | 391,706   | 18,396 | 119,214 | 131,135 |
| Saudi Arabia            | 95      | 3,240     | 3,340     | 0      | 0       | 0       |
| Serbia                  | 4,835   | 35,153    | 36,949    | 0      | 0       | 0       |
| Slovenia                | 700     | 4,613     | 4,760     | 0      | 0       | 0       |
| Spain                   | 112,800 | 763,394   | 787,493   | 18,000 | 124,419 | 128,419 |
| Switzerland(*)          | 59,118  | 448,671   | 468,782   | 12,460 | 64,781  | 68,024  |
| Taiwan                  | 128,995 | 202,620   | 218,338   | 26,559 | 34,375  | 37,371  |
| Thailand                | 37,320  | 84,286    | 91,154    | 660    | 2,899   | 3,074   |
| Turkey                  | 49,690  | 275,759   | 283,624   | 0      | 0       | 0       |
| Ukraine                 | 37,408  | 130,965   | 144,051   | 0      | 0       | 0       |
| Uruguay                 | 38,400  | 105,216   | 110,103   | 0      | 0       | 0       |
| Uzbekistan, Republic of | 2,881   | 10,083    | 11,070    | 0      | 0       | 0       |
| Vietnam                 | 45,200  | 118,577   | 124,205   | 0      | 0       | 0       |
| Zambia                  | 2,985   | 44,145    | 44,386    | 0      | 0       | 0       |

**FLAVORED HONEY –**

|                |         |           |           |        |         |         |
|----------------|---------|-----------|-----------|--------|---------|---------|
| Australia(*)   | 11,900  | 121,633   | 124,133   | 0      | 0       | 0       |
| Canada         | 14,367  | 171,896   | 173,712   | 163    | 3,818   | 3,891   |
| China          | 193,764 | 344,050   | 380,649   | 150    | 7,500   | 8,700   |
| Egypt          | 2,400   | 5,250     | 5,500     | 0      | 0       | 0       |
| Estonia        | 1,800   | 11,509    | 11,776    | 0      | 0       | 0       |
| France(*)      | 9,510   | 51,784    | 53,611    | 686    | 9,449   | 9,641   |
| Germany(*)     | 11,450  | 133,846   | 139,030   | 0      | 0       | 0       |
| Greece         | 240     | 3,815     | 4,051     | 0      | 0       | 0       |
| India          | 1,427   | 6,630     | 6,955     | 0      | 0       | 0       |
| Israel(*)      | 453     | 2,587     | 2,774     | 0      | 0       | 0       |
| Italy(*)       | 5,700   | 90,420    | 93,033    | 846    | 10,740  | 11,187  |
| Japan          | 250     | 22,903    | 23,492    | 160    | 4,969   | 5,458   |
| Korea, South   | 88,487  | 2,248,301 | 2,336,564 | 12,930 | 278,309 | 288,010 |
| Mexico         | 190,412 | 1,826,205 | 1,838,532 | 79,200 | 709,633 | 713,595 |
| Norway(*)      | 15,203  | 456,069   | 459,969   | 15,203 | 456,069 | 459,969 |
| Peru           | 894     | 45,890    | 49,390    | 0      | 0       | 0       |
| Poland         | 1,015   | 4,470     | 4,916     | 0      | 0       | 0       |
| Portugal       | 1,980   | 11,119    | 11,419    | 0      | 0       | 0       |
| Spain          | 6,361   | 37,281    | 41,186    | 0      | 0       | 0       |
| Taiwan         | 28,676  | 47,102    | 51,315    | 5,189  | 5,242   | 5,914   |
| Thailand       | 50,727  | 225,635   | 234,617   | 4,791  | 24,313  | 25,676  |
| United Kingdom | 264     | 3,454     | 3,461     | 0      | 0       | 0       |
| Vietnam        | 4,608   | 26,300    | 26,963    | 0      | 0       | 0       |

**ORGANIC HONEY –**

|                    |           |           |           |        |         |         |
|--------------------|-----------|-----------|-----------|--------|---------|---------|
| Australia(*)       | 19,218    | 173,579   | 184,510   | 0      | 0       | 0       |
| Brazil             | 2,096,976 | 6,593,459 | 6,775,854 | 94,230 | 292,242 | 305,059 |
| Canada             | 275,037   | 1,316,902 | 1,327,740 | 18,860 | 124,740 | 125,040 |
| Dominican Republic | 50,377    | 114,217   | 114,416   | 0      | 0       | 0       |
| Greece             | 8,368     | 113,582   | 116,566   | 0      | 0       | 0       |
| Israel(*)          | 900       | 5,832     | 7,032     | 0      | 0       | 0       |
| Italy(*)           | 11,128    | 136,683   | 140,382   | 1,982  | 16,482  | 16,966  |
| Mexico             | 242,305   | 781,278   | 785,895   | 0      | 0       | 0       |
| New Zealand(*)     | 20,621    | 127,904   | 130,786   | 8,024  | 47,741  | 48,423  |
| Taiwan             | 3,150     | 12,390    | 12,743    | 0      | 0       | 0       |

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|                    |             |             |             |           |            |            |
|--------------------|-------------|-------------|-------------|-----------|------------|------------|
| <b>GRAND TOTAL</b> | 122,024,360 | 361,679,586 | 373,898,333 | 9,518,581 | 30,098,753 | 31,173,094 |
|--------------------|-------------|-------------|-------------|-----------|------------|------------|

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**Notes:**

1. Data Source: Department of Commerce, U.S. Census Bureau, Foreign Trade Statistics
2. All zeroes for a data item may show that statistics exist in the other import type. Consumption or General.
3. (\*) denotes a country that is a summarization of its component countries.
4. Users should use cautious interpretation on QUANTITY reports using mixed units of measure. QUANTITY line items will only include statistics on the units of measure that are equal to, or are able to be converted to, the assigned unit of measure of the grouped commodities.
5. The CIF Value is not included within the 13th month data loads. This means that the CIF Value will be zero (0) for any records that are inserted during this process.
6. Product Group : Harmonized