

List of Tables

General

Table A-1	U.S. per capita use of selected, commercially produced, fresh, and processing fruit and tree nuts, 1976 to date
Table A-2	Bearing acreage for fruit and tree nuts, United States, 1980 to date
Table A-3	Utilized production and value of production of citrus and noncitrus fruit, United States, 1980 to date
Table A-4	Bearing acreage for selected citrus and noncitrus fruit, United States, 1980 to date
Table A-5	Total commercial production for selected citrus and noncitrus fruit, United States, 1980 to date
Table A-6	Average price indexes, for fruit, United States, 1980 to date
Table A-7	Annual average retail prices for selected fresh fruit, United States, 1980 to date
Table A-8	Fruit and tree nuts: U.S. cash receipts, 1980 to date
Table A-9	Fresh apples: U.S. monthly average retail price, marketing spread, and grower price, 1989 to date
Table A-10	Fresh peaches: U.S. monthly average retail price, marketing spread, and grower price, 1989 to date
Table A-11	Fresh pears: U.S. monthly average retail price, marketing spread, and grower price, 1989 to date
Table A-12	Fresh grapes: U.S. monthly average retail price, marketing spread, and grower price, 1995 to date
Table A-13	Fresh strawberries: U.S. monthly average retail price, marketing spread, and grower price, 1990 to date
Table A-14	Fresh oranges: U.S. monthly average retail price, marketing spread, and grower price, 1989/90 to date
Table A-15	Fresh grapefruit: U.S. monthly average retail price, marketing spread, and grower price, 1989/90 to date
Table A-16	Fresh lemons: U.S. monthly retail price, marketing spread, and grower price, 1989/90 to date
Table A-17	Utilized production of selected fruit and tree nuts in the United States, by State, 2018
Table A-18	Value of production for selected fruit and tree nuts in the United States, by State, 2018

Noncitrus Fruit

Table B-1	Utilization of noncitrus fruit production and value, United States, 1980 to date
Table B-2	Fruit, frozen: Commercial pack, United States, 1980 to 2006
Table B-3	Fruit, dried: Production (dry basis), California, 1980 to 2018
Table B-4	Apples: Production, utilization, and season-average grower price, United States, 1980 to date
Table B-5	Apples, fresh: Monthly prices received by growers, United States, 1980 to date
Table B-6	Apples: Apples, Red Delicious, fresh: Monthly retail prices, United States, 1980 to date
Table B-7	Apples: Processed utilization and season-average grower price, United States, 1980 to date
Table B-8	Apricots: Production, utilization, and season-average grower price, United States,

	1980 to date
Table B-9	Avocados: Production, season-average grower price, and value, by State, 1980/81 to date
Table B-10	Bananas: Number of farms, acreage, production, price, and value, Hawaii, 1980 to date
Table B-11	Cherries, sweet: Production, utilization, and season-average grower price, United States, 1980 to date
Table B-12	Cherries, tart: Production, utilization, season-average grower price, United States, 1980 to date
Table B-13	Figs: Production, utilization, and season-average grower price, California, 1980 to date
Table B-14	Grapes: Production, utilization, and season-average grower price, United States, 1980 to date
Table B-15	Grapes: Utilized production and season-average grower price, California, 1980 to date
Table B-16	Grapes: Processed utilization and season-average grower price, United States, 1980 to date
Table B-17	Grapes: Monthly prices received by growers, United States, 1995 to date
Table B-18	Guavas: Total processed, farm production, price and value, Hawaii, 1980 to 2015
Table B-19	Kiwifruit: Acreage, production, season-average grower price, and value, California, 1980 to date
Table B-20	Nectarines: Production, utilization, and season-average grower price, California, 1980 to date
Table B-21	Nectarines, Production, utilization, and season-average grower price, Washington, 2005 to date
Table B-22	Olives: Bearing acreage, production, utilization, season-average grower price, and value, California, 1980 to date
Table B-23	Papayas: Acreage, yield per acre, production, utilization, and season-average grower price, Hawaii, 1980 to date
Table B-24	Peaches: Production, utilization, and season-average grower price, United States, 1980 to date
Table B-25	Peaches, fresh: Monthly prices received by growers, United States, 1980 to date
Table B-26	Peaches: Processed utilization, and season-average grower price, United States, 1980 to date
Table B-27	All pears: Production, utilization, and season-average grower price, United States, 1980 to date
Table B-28	Bartlett pears: Production, utilization, and season-average grower price, United States, 1980 to date
Table B-29	Pears, fresh: Monthly prices received by growers, United States, 1980 to date
Table B-30	Pineapples: Number of farms, acreage, production, disposition, price, and value, Hawaii, 1980 to 2010
Table B-31	Plums: Acreage, production, season-average grower price, and value, California, 1980 to date
Table B-32	Prunes (dried): Acreage, production, season-average grower price, and value, California, 1980 to date
Table B-33	Prunes and plums: Prunes and plums: Production, utilization, and season-average

grower price, four States, 1980 to 2016

Citrus Fruit

Table C-1	Grapefruit: Bearing acreage and yield per acre, by State, 1980/81 to date
Table C-2	Grapefruit: Production by State, 1980/81 to date
Table C-3	Grapefruit: Utilization of production, by State, 1980/81 to date
Table C-4	Grapefruit: Equivalent-on-tree returns, by State, 1980/81 to date
Table C-5	All grapefruit: Monthly equivalent-on-tree returns received by growers, Arizona, 1980/81 to 2011/12
Table C-6	All grapefruit: Monthly equivalent-on-tree returns received by growers, California, 1980/81 to date
Table C-7	All grapefruit: Monthly equivalent-on-tree returns received by growers, Florida, 1980/81 to date
Table C-8	All grapefruit: Monthly equivalent-on-tree returns received by growers, Texas, 1980/81 to date
Table C-9	All grapefruit: Monthly equivalent-on-tree returns received by growers, United States, 1980/81 to date
Table C-10	Processed grapefruit: Florida, 1980/81 to date
Table C-11	Frozen concentrated grapefruit juice: stocks, pack, supplies, and movement, Florida, 1980/81 to date
Table C-12	Chilled grapefruit juice: Processors' stocks, pack, supplies, and movement, Florida, 1985/86 to date
Table C-13	Lemons: Acreage, yield per acre, and production, by State, 1980/81 to date
Table C-14	Lemons: Utilization of production, by State, 1980/81 to date
Table C-15	All lemons: Equivalent-on-tree returns, by State, 1980/81 to date
Table C-16	All lemons: Monthly equivalent-on-tree returns received by growers, Arizona, 1980/81 to 2013/14
Table C-17	All lemons: Monthly equivalent-on-tree returns received by growers, California, 1980/81 to date
Table C-18	All lemons: Monthly equivalent-on-tree returns received by growers, United States, 1980/81 to date
Table C-19	Oranges: Bearing acreage and yield per acre, by State, 1980/81 to date
Table C-20	Oranges: Production by State, 1980/81 to date
Table C-21	Oranges: Utilization of production, by State, 1980/81 to date
Table C-22	All oranges: Equivalent-on-tree returns, by State, 1980/81 to date
Table C-23	All oranges: Monthly equivalent-on-tree returns received by growers, Arizona, 1980/81 to 2013/14
Table C-24	All oranges: Monthly equivalent on-tree returns received by growers, California, 1980/81 to date
Table C-25	All oranges: Monthly equivalent on-tree returns received by growers, Florida, 1980/81 to date
Table C-26	All oranges: Monthly equivalent on-tree returns received by growers, Texas,

1980/81 to date

Table C-27 All oranges: Monthly equivalent on-tree returns received by growers, United States, 1980/81 to date

Table C-28 Processed oranges: Florida, 1980/81 to date

Table C-29 Frozen concentrated orange juice: stocks, pack, supplies, and movement, Florida, 1980/81 to date

Table C-30 Chilled orange juice: Processors' stocks, pack, supplies, and movement, Florida, 1985/86 to date

Berries

Table D-1 Blackberries: Commercial acreage, yield per acre, production, and season-average grower price, Oregon, 1980 to 2017

Table D-2 Blueberries: Commercial acreage, yield per acre, production, and season-average grower price, by State, various years to date

Table D-3 Boysenberries and loganberries: Commercial acreage, yield per acre, production, and season-average grower price, California and Oregon, various years to date

Table D-4 Black raspberries: Commercial acreage, yield per acre, production, and season-average grower price, Oregon, Washington, and California, 1980 to 2017

Table D-5 Red raspberries: Commercial acreage, yield per acre, utilized production, and season-average grower price, Oregon, Washington, and California, 1980 to date

Table D-6 Raspberries: Acreage harvested, yield per acre, production, grower price, and value, California, 1992 to date

Table D-7 Cranberries: Acreage harvested, yield per acre, production, utilization, Season-average grower price, and value, United States, 1980 to date

Table D-8 Strawberries: Acreage, production, season-average grower price, and value, United States, 1980 to date

Table D-9 Strawberries, fresh market and processing: Production, season-average grower price, and value, United States, 1980 to date

Table D-10 Strawberries, fresh: Monthly prices received by growers, United States, 1980 to date

Melons

Table E-1 U.S. per capita use of melons, 1970 to date

Table E-2 U.S. melons: Harvested area and production, 1980 to date

Table E-3 Melons: U.S. cash receipts, 1980 to date

Table E-4 Melon production in leading countries and the world, 2000 to 2017

Table E-5 Melon harvested acreage in leading countries and the world, 2000 to 2017

Table E-6 Production of selected melons for selected States, 1990 to date

Table E-7 Annual melon shipments, 1993 to date

Table E-8 Cantaloupe, fresh market: U.S. monthly and season-average f.o.b. shipping-point price, 1995 to date

Table E-9 Melons: U.S. quarterly average advertised retail prices, 2007 to date

Table E-10 U.S. melons: Supply, disappearance, and price, farm weight, 1970 to date

Table E-11 U.S. cantaloupe: Supply, utilization, and price, farm weight, 1970 to date

Table E-12 U.S. honeydew melons: Supply, utilization, and price, farm weight, 1970 to date

Table E-13	U.S. watermelon: Supply, utilization, and price, farm weight, 1970 to date
Table E-14	U.S. imports of melons, 1980 to date
Table E-15	Selected fresh melons: U.S. import value from selected countries and the world, 2005 to date
Table E-16	U.S. exports of melons, 1980 to date
Table E-17	U.S. melon (all) export value to selected countries and the world, 2003 to date
Table E-18	Melons: U.S. monthly and annual imports, 1980 to date
Table E-19	Melons: U.S. monthly and annual exports, 1990 to date

Tree Nuts

Table F-1	All tree nuts: Bearing acreage, United States, 1980/81 to date
Table F-2	All tree nuts: Gross return per bearing acre, United States, 1980/81 to date
Table F-3	All tree nuts: Utilized production (shelled basis), United States, 1980/81 to date
Table F-4	All tree nuts: Season-average grower prices received, United States, 1980/81 to date
Table F-5	All tree nuts: Value of production, U.S., 1980/81 to date
Table F-6	All tree nuts (shelled basis): Supply and utilization, U.S., 1980/81 to date
Table F-7	Almonds: Acreage, yield per acre, production (shelled basis), season-average grower price, and value, California, 1980 to date
Table F-8	Almond: Supply and utilization (shelled basis), 1980/81 to date
Table F-9	Hazelnuts (filberts): Bearing acreage and yield per acre (in-shell), by State, 1980 to date
Table F-10	Hazelnuts (filberts): Production (in-shell), season-average grower price, and value, by State, 1980 to date
Table F-11	Hazelnuts (filberts): Supply and utilization (shelled basis), 1980/81 to date
Table F-12	Macadamias: Acreage, yield per acre, production (in-shell), season-average grower price, and value, Hawaii, 1980 to date
Table F-13	Pecans: Production (in-shell), season-average grower price, and value, United States, 1980 to date
Table F-14	Pecans: Supply and utilization (shelled basis), 1980/81 to date
Table F-15	Pistachios: Production (in-shell), season-average grower price, and value, California, 1980 to date
Table F-16	Pistachios: Supply and utilization (shelled basis), 1980/81 to date
Table F-17	Walnuts (English): Production (in-shell), season-average grower price, and value, California, 1980 to date
Table F-18	Walnuts: Supply and utilization (shelled basis), 1980/81 to date

Supply and Utilization

Table G-1	Fresh apples: Supply and utilization, 1980/81 to date
Table G-2	Fresh apricots: Supply and utilization, 1980/81 to date
Table G-3	Fresh avocados: Supply and utilization, 1980/81 to date
Table G-4	Fresh bananas: Supply and utilization, 1980 to date
Table G-5	Fresh blueberries: Supply and utilization, 1980 to date
Table G-6	Fresh grapes: Supply and utilization, 1980-81 to date
Table G-7	Fresh kiwifruit: Supply and utilization, 1988 to date
Table G-8	Fresh mangoes: Supply and utilization, 1980 to date
Table G-9	Fresh papayas: Supply and utilization, 1980 to date

Table G-10	Fresh peaches and nectarines: Supply and utilization, 1980 to date
Table G-11	Fresh pears: Supply and utilization, 1980/81 to date
Table G-12	Fresh pineapples: Supply and utilization, 1980 to date
Table G-13	Fresh raspberries: Supply and utilization, 1992 to date
Table G-14	Fresh strawberries: Supply and utilization, 1980 to date
Table G-15	Fresh grapefruit: Supply and utilization, 1980/81 to date
Table G-16	Fresh lemons: Supply and utilization, 1980/81 to date
Table G-17	Fresh limes: Supply and utilization, 1980/81 to date
Table G-18	Fresh oranges: Supply and utilization, 1980/81 to date
Table G-19	Fresh tangerines: Supply and utilization, 1980/81 to date
Table G-20	Canned apples: Supply and utilization, 1980/81 to date
Table G-21	Canned apricots: Supply and utilization, 1980/81 to date
Table G-22	Canned cherries, sweet: Supply and utilization, 1980/81 to date
Table G-23	Canned cherries, tart: Supply and utilization, 1980/81 to date
Table G-24	Canned olives: Supply and utilization, 1980/81 to date
Table G-25	Canned peaches: Supply and utilization, 1980/81 to date
Table G-26	Canned pears: Supply and utilization, 1980/81 to date
Table G-27	Canned pineapples: Supply and utilization, 1980 to date
Table G-28	Canned plums: Supply and utilization, 1980/81 to date
Table G-29	Apple juice and cider: Supply and utilization, 1980/81 to date
Table G-30	Grape juice: Supply and utilization, 1980/81 to date
Table G-31	Grapefruit juice: Supply and utilization, 1980/81 to date
Table G-32	Orange juice: Supply and utilization, 1985/86 to date
Table G-33	Pineapple juice: Supply and utilization, 1980 to date
Table G-34	Dried plums (prunes): Supply and utilization, 1980/81 to date
Table G-35	Raisins: Supply and utilization, 1980/81 to 2017/18
Table G-36	Fresh fruit: Per capita use, 1980 to date
Table G-37	Canned fruit: Per capita use, product-weight basis, 1980/81 to date
Table G-38	Frozen fruit: Per capita use, product-weight basis, 1980 to date
Table G-39	Dried fruit: Per capita use, product-weight basis, 1980/81 to date
Table G-40	Selected fruit juices: Per capita use, 1980/81 to date
Table G-41	Per capita use of selected noncitrus fruit, fresh-weight equivalent, 1980/81 to date
Table G-42	Per capita use of citrus fruit, fresh-weight equivalent, 1980/81 to date
Table G-43	Selected fruit: Per capita use, fresh-weight equivalent, 1980 to date
Table G-44	Tree nuts (shelled basis): Per capita use, 1980/81 to date
Table G-45	Total U.S. population

U.S. Trade

Table H-1	Imports as a share of domestic fresh fruit disappearance, 1975 to date
Table H-2	Imports as a share of domestic canned fruit disappearance, 1975 to date
Table H-3	Imports as a share of domestic frozen fruit disappearance, 1976 to date
Table H-4	Imports as a share of domestic fruit juice disappearance, 1972 to date
Table H-5	Imports as a share of domestic dried fruit disappearance, 1975/76 to date

Table A-1--U.S. per capita use of selected, commercially produced, fresh, and processing fruit and tree nuts, 1976 to date ¹

Crop	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
----- Pounds, farm weight -----										
Apples, all	29.9	31.5	35.9	36.1	39.8	34.6	39.7	41.6	44.3	43.2
Fresh	17.1	16.5	17.9	17.1	19.2	16.8	17.5	18.3	18.4	17.3
Canning	4.3	4.9	5.5	5.9	5.3	4.4	5.4	5.1	5.0	5.3
Freezing	0.8	0.7	1.0	0.7	0.8	0.7	0.8	0.7	0.9	0.8
Juice	6.3	7.9	9.6	10.6	13.0	11.5	14.6	15.8	18.4	18.4
Dried	1.1	1.0	1.0	1.1	0.8	0.8	0.9	1.2	1.3	1.2
Other processed	0.3	0.5	0.8	0.6	0.7	0.4	0.5	0.4	0.4	0.3
Grapes, all	40.6	37.9	41.3	42.2	47.2	41.2	51.2	44.6	48.2	50.5
Fresh	3.5	3.5	3.1	3.4	4.0	4.1	5.7	5.6	6.1	6.8
Canning	0.4	0.5	0.5	0.5	0.6	0.4	0.3	0.3	0.3	0.4
Juice	2.4	1.9	3.4	2.5	2.7	2.6	2.6	3.7	3.2	2.5
Dried (raisins)	9.6	6.2	5.3	6.7	8.5	6.5	8.7	7.8	8.7	9.4
Wine	24.6	25.7	29.1	28.9	31.5	27.6	33.9	27.3	30.0	31.3
Bananas, fresh	19.3	19.2	20.2	21.0	20.8	21.5	22.5	21.3	22.2	23.5
Oranges, all	102.1	110.6	91.8	86.1	95.3	95.2	86.7	106.1	92.1	90.0
Fresh	14.7	13.4	13.4	11.5	14.3	12.4	11.7	15.0	11.9	11.6
Juice ²	87.4	97.1	78.3	74.6	81.0	82.8	75.0	91.0	80.3	78.4
Grapefruit, all	19.7	22.1	24.4	21.4	17.5	19.7	19.4	19.4	12.2	16.6
Fresh	9.3	7.7	8.3	7.3	7.3	6.7	7.2	7.8	6.0	5.5
Juice	10.4	14.4	16.0	14.1	10.2	13.0	12.2	11.5	6.2	11.1
Lemons, all	4.3	6.7	7.0	4.6	5.3	8.6	6.8	6.7	5.2	6.2
Fresh	1.9	2.2	2.2	2.0	1.9	2.0	2.1	2.3	2.2	2.3
Juice	2.4	4.5	4.8	2.6	3.4	6.6	4.7	4.4	3.1	3.9
Other citrus, all ³	4.9	4.8	4.3	4.3	5.5	4.6	4.5	4.2	3.9	3.6
Fresh	2.6	2.9	2.3	2.3	2.5	2.4	2.3	2.4	2.3	1.9
Juice	2.2	1.9	2.0	2.0	3.0	2.2	2.2	1.8	1.6	1.7
Peaches, all ^{4,5}	11.2	11.5	11.9	12.5	13.1	11.7	10.0	9.4	11.0	9.9
Fresh	5.1	5.1	6.1	6.7	7.1	6.9	5.3	5.4	6.7	5.5
Canning	5.9	6.1	5.5	5.6	5.7	4.6	4.4	3.6	4.0	3.9
Freezing	0.2	0.4	0.3	0.3	0.3	0.2	0.3	0.4	0.4	0.5
Pears, all ⁶	7.1	6.8	6.1	6.9	7.2	7.2	6.9	6.6	5.7	6.0
Fresh	2.8	2.4	2.3	2.3	2.6	2.8	2.8	3.0	2.5	2.8
Canning	4.3	4.5	3.8	4.6	4.6	4.4	4.1	3.6	3.2	3.2
Cherries, all	1.7	1.6	1.4	1.5	1.6	1.3	1.6	1.6	1.7	1.4
Fresh	0.8	0.6	0.5	0.7	0.7	0.5	0.5	0.7	0.7	0.4
Canning	0.2	0.3	0.2	0.2	0.3	0.2	0.3	0.2	0.3	0.3
Freezing	0.7	0.7	0.7	0.6	0.5	0.5	0.7	0.7	0.7	0.7
Strawberries	2.8	3.0	3.3	3.0	3.2	3.3	3.4	3.4	4.0	4.0
Fresh	1.7	1.9	2.1	1.9	2.0	2.2	2.4	2.3	3.0	3.0
Freezing	1.1	1.1	1.2	1.1	1.2	1.2	1.1	1.1	1.1	1.0
Pineapples, all	10.3	10.9	10.8	12.0	12.1	11.3	11.5	11.4	10.6	12.2
Fresh	1.1	1.4	1.4	1.5	1.5	1.6	1.7	1.7	1.5	1.5
Canning	6.0	6.0	5.7	6.3	6.0	5.5	5.5	5.5	5.0	5.7
Juice	3.1	3.6	3.7	4.3	4.6	4.2	4.3	4.2	4.1	5.1
Olives, canned	1.0	1.1	1.8	0.9	1.3	0.8	1.4	1.0	1.2	1.3
Avocados, fresh	1.2	1.1	1.3	0.8	2.1	1.6	1.8	2.2	1.8	1.5
Other noncitrus, all	7.6	7.5	7.2	6.8	6.7	7.1	6.5	6.8	7.9	7.1
Fresh ⁶	1.9	2.2	2.3	2.2	2.4	2.6	2.0	2.5	3.2	2.8
Canning ⁷	1.0	0.9	0.9	0.8	0.8	0.6	0.7	0.5	0.6	0.7
Freezing ⁸	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.3	0.5	0.5
Juice ⁹	1.4	1.2	1.3	1.2	1.2	1.3	1.0	0.8	0.9	0.9
Dried ¹⁰	2.7	2.6	2.3	2.2	1.9	2.3	2.4	2.7	2.8	2.3
Subtotal, all ¹¹	263.6	276.3	268.7	260.0	278.5	269.6	273.9	286.3	272.1	277.0
Fresh	83.1	80.2	83.5	80.7	88.3	83.9	85.7	90.5	88.3	86.4
Canning	23.2	24.2	23.9	24.8	24.4	20.8	21.9	20.0	19.6	20.7
Freezing	3.3	3.3	3.7	3.1	3.3	3.0	3.3	3.2	3.4	3.5
Juice	115.7	132.4	119.1	111.9	119.1	124.3	116.6	133.2	117.7	121.9
Dried	13.4	9.9	8.6	10.0	11.2	9.6	12.0	11.7	12.7	12.8
Tree nuts, all ¹²	1.9	1.7	1.7	1.8	1.8	2.0	2.2	2.3	2.4	2.5
Almonds	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.6	0.7	0.8
Pecans	0.3	0.4	0.4	0.5	0.4	0.4	0.5	0.5	0.5	0.5
Walnuts	0.5	0.5	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5
Others ¹³	0.7	0.4	0.6	0.5	0.5	0.5	0.7	0.7	0.7	0.7
Total, all items*	284.3	297.3	290.5	281.0	298.3	291.0	298.4	308.4	298.7	303.8
Citrus	131.0	144.1	127.5	116.3	123.6	128.1	117.4	136.3	113.4	116.4
Noncitrus & nuts	134.6	133.9	142.9	145.5	156.8	143.5	158.7	152.3	161.1	163.1
Melons	18.8	19.3	20.1	19.2	18.0	19.4	22.3	19.8	24.1	24.3

--Continued

Table A-1--U.S. per capita use of selected, commercially produced, fresh, and processing fruit and tree nuts, 1976 to date ¹--Continued

Crop	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
----- Pounds, farm weight -----										
Apples, all	43.1	48.2	47.3	46.6	47.9	43.6	46.5	48.3	49.1	45.2
Fresh	17.8	20.8	19.8	21.2	19.6	18.1	19.1	19.0	19.4	18.7
Canning	4.9	5.4	5.7	5.3	5.5	5.1	5.8	5.1	5.3	4.9
Freezing	1.0	1.0	1.1	1.3	1.1	1.0	1.0	1.1	1.1	1.2
Juice	18.2	19.4	19.1	17.4	20.7	18.1	18.7	21.3	21.3	18.9
Dried	0.8	1.2	1.2	1.1	0.8	0.8	1.2	1.4	1.5	1.2
Other processed	0.4	0.3	0.3	0.2	0.3	0.4	0.6	0.3	0.5	0.3
Grapes, all	47.6	44.9	49.4	46.2	43.2	42.9	45.4	44.4	40.9	45.7
Fresh	7.1	7.0	7.7	7.9	7.8	7.3	7.1	7.0	7.0	7.5
Canning	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3
Juice	2.4	3.3	2.9	3.4	3.1	3.9	4.2	3.8	3.2	5.0
Dried (raisins)	8.3	8.0	10.8	8.8	8.3	8.5	6.8	8.5	8.1	8.8
Wine	29.4	26.2	27.6	25.8	23.6	23.0	26.9	24.7	22.3	24.2
Bananas, fresh	25.8	25.0	24.3	24.7	24.4	25.0	27.1	26.6	27.8	27.1
Oranges, all	95.9	90.8	86.3	86.0	67.1	81.9	76.0	88.2	84.8	81.3
Fresh	13.4	12.8	13.9	12.2	12.4	8.4	12.8	14.1	12.9	11.8
Juice ^z	82.4	78.0	72.4	73.9	54.7	73.5	63.2	74.0	71.8	69.5
Grapefruit, all	14.6	17.9	12.8	16.3	19.2	14.4	12.5	14.7	16.2	15.8
Fresh	6.1	6.3	6.7	6.6	4.6	5.9	5.9	6.2	6.1	6.0
Juice	8.5	11.5	6.1	9.7	14.7	8.6	6.6	8.5	10.1	9.8
Lemons, all	5.3	7.9	5.2	5.2	6.2	6.1	5.7	7.0	7.4	6.0
Fresh	2.5	2.5	2.5	2.4	2.6	2.6	2.5	2.6	2.7	2.8
Juice	2.8	5.4	2.7	2.8	3.6	3.5	3.2	4.4	4.7	3.2
Other citrus, all ³	3.6	4.2	4.1	4.2	3.7	3.6	4.4	4.1	4.7	4.9
Fresh	2.1	2.3	2.3	2.4	2.0	2.1	3.0	2.8	3.1	3.2
Juice	1.5	2.0	1.7	1.8	1.7	1.4	1.4	1.3	1.7	1.8
Peaches, all ^{4b}	10.6	10.3	11.3	10.6	9.8	10.9	10.8	10.2	10.0	8.9
Fresh	5.8	6.0	6.7	5.9	5.5	6.4	6.0	5.8	5.4	5.3
Canning	4.2	4.0	4.1	4.2	3.8	4.0	4.3	4.0	4.0	3.0
Freezing	0.5	0.3	0.4	0.6	0.4	0.5	0.5	0.4	0.6	0.6
Pears, all ^b	6.4	7.4	6.7	7.0	7.1	6.6	6.8	6.7	7.1	6.3
Fresh	3.0	3.5	3.2	3.3	3.2	3.1	3.1	3.3	3.4	3.4
Canning	3.4	3.9	3.5	3.7	3.9	3.4	3.7	3.4	3.7	3.0
Cherries, all	1.5	2.0	1.6	1.6	1.6	1.3	1.5	1.5	1.6	1.3
Fresh	0.5	0.7	0.5	0.5	0.4	0.4	0.5	0.4	0.5	0.3
Canning	0.2	0.3	0.3	0.2	0.3	0.2	0.3	0.3	0.4	0.3
Freezing	0.8	1.0	0.8	0.8	0.9	0.7	0.6	0.8	0.7	0.7
Strawberries	4.0	4.3	4.5	4.5	4.4	4.8	4.8	4.8	5.2	5.4
Fresh	2.9	3.1	3.3	3.3	3.2	3.6	3.6	3.6	4.0	4.1
Freezing	1.1	1.1	1.2	1.2	1.1	1.2	1.2	1.2	1.1	1.3
Pineapples, all	13.7	13.2	13.2	14.2	14.7	14.7	15.2	13.8	12.6	12.4
Fresh	1.7	1.6	1.8	2.0	2.0	1.9	2.0	2.0	2.0	1.9
Canning	6.1	5.2	5.1	5.5	5.2	5.3	6.1	5.6	5.4	4.7
Juice	5.9	6.4	6.4	6.6	7.5	7.5	7.1	6.2	5.2	5.7
Olives, canned	1.4	1.3	1.2	1.3	1.3	0.8	1.6	1.3	0.9	0.9
Avocados, fresh	2.4	1.6	1.6	1.1	1.4	1.4	2.2	1.3	1.4	1.6
Other noncitrus, all	6.9	8.0	7.8	9.4	9.1	9.1	9.7	9.4	10.8	9.2
Fresh ^b	2.6	3.3	3.1	2.9	3.1	3.1	3.7	3.5	3.9	3.5
Canning ^r	0.4	0.6	0.5	0.6	0.6	0.4	0.5	0.4	0.6	0.2
Freezing ^s	0.6	0.5	0.5	0.7	0.7	0.7	0.9	1.0	1.0	1.0
Juice ^y	0.9	0.8	0.9	1.8	1.7	2.0	2.0	1.9	2.2	1.9
Dried ¹⁰	2.3	2.8	2.9	3.3	3.0	2.9	2.7	2.6	3.0	2.6
Subtotal, all ¹¹	282.8	287.0	277.2	279.0	261.0	267.2	270.1	282.3	280.5	271.89
Fresh	93.8	96.8	97.4	96.3	92.2	89.4	98.7	98.5	99.7	97.1
Canning	21.0	20.8	20.6	21.4	20.9	19.6	22.6	20.5	20.6	17.2
Freezing	4.1	4.0	4.0	4.6	4.3	4.1	4.3	4.3	4.5	4.7
Juice	122.7	126.9	112.3	117.5	107.6	118.5	106.3	121.5	120.2	115.7
Dried	11.5	12.1	14.9	13.2	12.1	12.2	10.7	12.5	12.7	12.7
Tree nuts, all ¹²	2.3	2.2	2.4	2.3	2.4	2.2	2.3	2.4	2.1	2.1
Almonds	0.5	0.6	0.6	0.6	0.7	0.6	0.6	0.6	0.5	0.5
Pecans	0.5	0.5	0.6	0.5	0.5	0.4	0.4	0.5	0.4	0.5
Walnuts	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4
Others ¹³	0.7	0.7	0.7	0.7	0.8	0.7	0.9	0.9	0.8	0.7
Total, all items*	310.0	313.9	303.7	308.1	288.2	293.0	297.9	309.5	308.3	300.3
Citrus	119.4	120.9	108.3	111.8	96.2	106.0	98.6	114.0	113.1	108.1
Noncitrus & nuts	165.6	168.3	171.3	169.5	167.2	163.4	173.8	170.7	169.5	165.9
Melons	24.9	24.7	24.0	26.9	24.8	23.6	25.6	24.9	25.6	26.4

--Continued

Table A-1--U.S. per capita use of selected, commercially produced, fresh, and processing fruit and tree nuts, 1976 to date ¹--Continued

Crop	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
----- Pounds, farm weight -----										
Apples, all	46.4	45.1	47.3	47.1	45.1	43.4	43.1	46.6	50.4	45.2
Fresh	18.7	18.1	19.0	18.5	17.5	15.6	16.00	16.9	18.8	16.7
Canning	4.9	5.6	4.4	4.8	4.4	4.6	4.0	4.5	4.5	4.2
Freezing	1.0	1.3	0.9	0.9	0.8	0.9	0.7	1.0	0.7	0.8
Juice	20.3	18.5	21.5	21.4	21.4	21.3	21.5	23.1	25.3	22.3
Dried	1.2	0.9	1.2	1.0	0.8	0.8	0.8	0.6	0.7	0.7
Other processed	0.2	0.7	0.3	0.4	0.3	0.2	0.2	0.4	0.4	0.5
Grapes, all	43.1	52.0	44.5	45.7	49.7	44.9	50.7	46.6	47.4	56.1
Fresh	6.7	7.8	7.2	8.0	7.4	7.4	8.4	7.7	7.8	8.6
Canning	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
Juice	4.2	4.4	3.0	4.8	3.7	3.6	4.0	4.4	4.2	5.6
Dried (raisins)	7.0	6.9	8.1	7.0	7.1	6.5	7.0	6.6	6.4	7.0
Wine	24.9	32.6	25.9	25.7	31.2	27.2	31.0	27.8	28.9	34.7
Bananas, fresh	27.6	27.2	28.0	30.7	28.4	26.6	26.8	26.2	25.8	25.2
Oranges, all	90.6	88.6	97.1	85.4	91.0	87.1	84.3	83.1	84.0	80.6
Fresh	12.6	13.9	14.61	8.4	11.7	11.9	11.7	11.9	10.8	11.4
Juice ²	78.0	74.7	82.45	77.0	79.2	75.2	72.5	71.2	73.2	69.2
Grapefruit, all	15.1	15.2	15.6	14.6	13.2	13.2	11.6	10.1	10.1	6.3
Fresh	5.8	6.2	5.9	5.8	5.1	4.8	4.6	4.1	4.1	2.6
Juice	9.2	9.0	9.7	8.9	8.1	8.4	7.0	6.0	6.0	3.6
Lemons, all	6.9	7.0	6.8	5.6	6.3	8.2	6.6	8.7	6.5	7.2
Fresh	2.9	2.8	2.5	2.6	2.4	3.0	3.3	3.3	3.1	2.9
Juice	4.0	4.2	4.3	3.0	3.9	5.2	3.3	5.4	3.4	4.2
Other citrus, all ³	4.8	6.2	5.3	5.1	6.4	6.0	5.3	6.0	6.3	6.1
Fresh	3.3	3.7	3.6	3.6	4.3	4.2	3.7	4.5	4.6	4.6
Juice	1.5	2.5	1.7	1.4	2.1	1.8	1.7	1.5	1.6	1.5
Peaches, all ^{4 5}	8.6	10.0	8.7	9.4	9.9	9.4	9.7	9.3	9.4	8.9
Fresh	4.4	5.5	4.7	5.3	5.3	5.2	5.2	5.2	5.1	4.8
Canning	3.7	4.1	3.5	3.6	3.8	3.5	3.8	3.3	3.6	3.3
Freezing	0.5	0.5	0.5	0.6	0.8	0.7	0.7	0.8	0.7	0.7
Pears, all ⁵	5.9	6.8	6.7	6.9	6.2	6.2	5.7	5.7	5.5	5.2
Fresh	3.1	3.4	3.4	3.5	3.4	3.3	3.1	3.1	3.0	2.9
Canning	2.8	3.4	3.3	3.4	2.8	3.0	2.6	2.7	2.5	2.3
Cherries, all	1.3	1.5	1.7	1.5	1.5	1.6	1.2	1.7	1.8	1.7
Fresh	0.4	0.6	0.5	0.6	0.6	0.8	0.7	0.9	1.0	0.9
Canning	0.2	0.3	0.3	0.3	0.3	0.3	0.0	0.2	0.2	0.2
Freezing	0.7	0.6	0.8	0.5	0.6	0.6	0.5	0.6	0.6	0.6
Strawberries	5.6	5.2	5.2	5.8	6.3	5.8	6.1	6.9	7.0	7.7
Fresh	4.3	4.1	3.9	4.6	4.9	4.2	4.6	5.3	5.5	5.8
Freezing	1.3	1.1	1.2	1.2	1.4	1.6	1.4	1.7	1.5	1.9
Pineapples, all	12.3	12.1	10.9	13.1	12.6	12.2	13.1	14.2	12.9	13.5
Fresh	1.9	2.3	2.8	3.0	3.2	3.2	3.8	4.4	4.4	4.9
Canning	4.7	4.6	3.9	5.2	4.8	4.4	4.5	4.7	4.5	4.8
Juice	5.7	5.2	4.3	4.9	4.5	4.7	4.8	5.0	4.0	3.9
Olives, canned	1.5	1.1	1.0	1.4	0.9	1.5	1.3	1.4	1.3	1.5
Avocados, fresh	1.6	1.7	1.5	1.9	2.2	2.4	2.4	2.7	3.2	3.5
Other noncitrus, all	10.1	10.6	10.5	10.5	10.7	10.6	10.9	11.6	11.2	11.2
Fresh ⁶	4.3	4.5	4.2	4.6	4.8	5.0	5.0	5.3	5.5	5.1
Canning ⁷	0.2	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2
Freezing ⁸	0.8	0.9	0.9	0.9	0.9	1.0	0.8	1.0	0.8	1.1
Juice ⁹	2.0	2.2	2.2	2.5	2.1	1.9	2.2	2.5	2.5	2.5
Dried ¹⁰	2.9	2.7	2.8	2.2	2.6	2.5	2.6	2.7	2.2	2.3
Subtotal, all ¹¹	281.4	290.5	290.8	284.6	290.4	279.3	278.9	280.8	282.6	279.8
Fresh	97.5	101.7	101.8	101.2	101.3	97.5	99.5	101.4	102.7	100.0
Canning	18.4	19.9	16.9	19.2	17.5	17.6	16.8	17.3	16.9	16.6
Freezing	4.3	4.4	4.5	4.2	4.5	4.9	4.1	5.0	4.3	5.2
Juice	125.0	120.7	129.2	123.8	125.2	122.1	117.0	119.1	120.1	112.7
Dried	11.1	10.6	12.1	10.1	10.4	9.8	10.4	9.8	9.3	10.0
Tree nuts, all ¹²	2.1	2.2	2.3	2.8	2.6	2.9	3.3	3.5	3.5	2.7
Almonds	0.6	0.6	0.6	1.0	0.8	0.8	1.1	1.1	0.9	0.6
Pecans	0.5	0.5	0.5	0.4	0.5	0.4	0.5	0.5	0.5	0.4
Walnuts	0.3	0.4	0.4	0.5	0.4	0.4	0.5	0.5	0.5	0.4
Others ¹³	0.7	0.8	0.8	0.9	0.9	1.1	1.2	1.4	1.6	1.2
Total, all items*	312.8	321.5	321.0	317.1	320.7	310.8	310.1	311.3	311.5	308.0
Citrus	117.4	116.9	124.7	110.7	116.9	114.6	107.9	107.8	106.8	100.1
Noncitrus & nuts	166.2	175.8	168.3	176.7	176.0	167.6	174.3	176.4	179.3	182.3
Melons	29.3	28.8	28.0	29.7	27.8	28.7	27.9	27.1	25.4	25.6

--Continued

Table A-1--U.S. per capita use of selected, commercially produced, fresh, and processing fruit and tree nuts, 1976 to date ¹--Continued

Crop	2006	2007	2008	2009	2010	2011	2012	2013	2014
----- Pounds, farm weight -----									
Apples, all	50.7	49.8	47.9	47.3	47.6	42.6	43.5	45.8	45.8
Fresh	17.7	16.4	15.9	16.2	15.3	15.5	16.0	17.4	18.7
Canning	4.21	3.96	4.61	4.18	3.98	4.17	3.16	4.82	4.33
Freezing	0.8	0.9	0.7	0.8	0.6	0.7	0.3	0.8	0.8
Juice	26.4	27.1	25.0	24.9	26.4	20.6	22.5	21.3	20.6
Dried	1.0	0.9	0.9	0.6	0.7	0.6	0.9	0.6	0.7
Other processed	0.6	0.5	0.8	0.6	0.7	1.0	0.6	0.8	0.8
Grapes, all	49.4	51.8	50.2	52.7	51.8	51.9	55.6	58.5	54.5
Fresh	7.6	8.0	8.3	7.7	7.9	7.4	7.6	7.8	7.7
Canning	0.1	0.1	0.2	0.1	0.2	0.2	0.1	0.1	0.1
Juice	4.9	6.2	5.0	4.2	4.1	4.6	3.7	4.8	4.8
Dried (raisins)	7.4	6.8	6.9	6.3	6.2	6.6	6.0	6.7	6.6
Wine	29.4	30.7	29.9	34.5	33.4	33.1	38.1	39.2	35.3
Bananas, fresh	25.1	26.0	25.0	22.0	25.6	25.5	26.9	28.0	27.9
Oranges, all	73.0	65.5	62.6	63.5	61.4	63.1	54.3	56.0	53.7
Fresh	10.2	7.5	9.9	9.1	9.7	10.0	10.5	10.4	9.4
Juice ²	62.8	58.0	52.6	54.5	51.7	53.2	43.8	45.7	44.4
Grapefruit, all	5.5	7.2	7.4	6.6	6.0	6.3	5.1	5.7	5.1
Fresh	2.3	2.8	3.2	2.8	2.8	2.7	2.4	2.6	2.4
Juice	3.2	4.3	4.2	3.8	3.2	3.5	2.7	3.1	2.7
Lemons, all	7.9	6.4	5.2	7.3	6.7	8.6	7.9	8.0	7.2
Fresh	4.1	2.8	2.0	3.1	2.8	3.5	3.9	3.5	3.4
Juice	3.8	3.6	3.2	4.2	4.0	5.1	4.0	4.6	3.7
Other citrus, all ³	6.9	6.4	7.6	7.6	8.3	8.8	9.0	9.4	9.9
Fresh	4.9	4.8	5.6	5.7	6.3	6.7	6.7	7.5	8.1
Juice	2.0	1.6	2.0	1.9	2.0	2.2	2.2	1.9	1.9
Peaches, all ^{4 5}	8.1	8.9	8.8	8.4	8.4	7.7	7.1	6.4	6.4
Fresh	4.6	4.5	5.1	4.4	4.7	4.5	3.9	3.0	3.2
Canning	2.9	3.5	3.0	3.3	3.0	2.6	2.6	2.7	2.6
Freezing	0.6	0.9	0.7	0.7	0.7	0.6	0.6	0.6	0.7
Pears, all ⁵	5.6	5.0	5.4	5.6	4.9	5.4	4.8	4.9	4.8
Fresh	3.2	2.7	3.1	3.2	2.9	3.2	2.8	2.8	2.9
Canning	2.4	2.3	2.2	2.4	1.9	2.2	2.0	2.0	2.0
Cherries, all	2.0	2.1	2.2	2.5	2.1	2.1	2.3	1.6	2.1
Fresh	1.1	1.2	1.3	1.6	1.3	1.3	1.5	1.0	1.2
Canning	0.1	0.1	0.1	0.2	0.1	0.1	0.0	0.1	0.0
Freezing	0.8	0.8	0.7	0.8	0.8	0.7	0.7	0.5	0.8
Strawberries	8.0	8.0	8.2	8.7	9.2	9.0	9.8	9.8	9.9
Fresh	6.1	6.3	6.4	7.2	7.2	7.4	8.0	8.0	8.0
Freezing	1.9	1.7	1.8	1.5	1.9	1.6	1.8	1.7	1.9
Pineapples, all	14.0	12.6	13.5	13.3	12.8	13.1	13.6	13.9	14.0
Fresh	5.2	5.0	5.1	5.1	5.7	5.7	6.4	6.7	7.2
Canning	4.8	4.3	4.4	4.1	3.9	4.0	3.9	4.0	3.7
Juice	4.0	3.2	4.0	4.0	3.2	3.4	3.2	3.1	3.2
Olives, canned	0.8	1.4	1.0	0.9	1.7	0.9	1.2	1.2	0.9
Avocados, fresh	3.5	3.5	3.8	4.3	4.0	5.1	5.6	6.1	7.0
Other noncitrus, all	11.5	11.6	11.8	11.8	12.4	13.0	12.7	13.8	13.6
Fresh ⁶	5.6	5.7	5.7	5.9	6.2	6.8	6.4	7.0	7.2
Canning ⁷	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
Freezing ⁸	1.0	1.0	1.0	1.1	1.2	1.0	1.0	1.1	1.4
Juice ⁹	2.7	2.7	2.9	2.6	2.5	2.7	2.8	3.1	2.9
Dried ¹⁰	2.1	2.1	2.1	2.0	2.3	2.3	2.2	2.5	2.0
Subtotal, all ¹¹	271.9	266.0	260.4	262.6	262.9	263.1	259.2	269.2	262.8
Fresh	101.4	97.1	100.3	98.1	102.5	105.2	108.7	111.8	114.0
Canning	15.5	16.0	15.6	15.5	14.9	14.2	13.2	15.2	13.7
Freezing	5.0	5.3	4.9	4.9	5.1	4.7	4.6	4.8	5.6
Juice	109.7	106.7	99.1	100.1	97.0	95.4	85.0	87.5	84.1
Dried	10.5	9.8	9.8	8.9	9.2	9.5	9.1	9.9	9.3
Tree nuts, all ¹²	3.3	3.6	3.6	3.7	3.9	3.8	4.2	4.0	4.1
Almonds	1.0	1.2	1.4	1.4	1.6	1.8	2.0	1.9	1.7
Pecans	0.4	0.4	0.5	0.5	0.5	0.4	0.4	0.4	0.5
Walnuts	0.5	0.5	0.5	0.6	0.4	0.4	0.5	0.5	0.4
Others ¹³	1.3	1.5	1.2	1.3	1.3	1.2	1.3	1.3	1.5
Total, all items*	302.1	296.1	290.6	292.5	293.2	291.5	286.9	298.2	289.7
Citrus	93.3	85.4	82.7	85.1	82.4	86.8	76.2	79.2	76.0
Noncitrus & nuts	181.9	184.2	181.3	181.3	184.4	180.0	187.2	194.0	190.9
Melons	26.9	26.4	26.7	26.1	26.5	24.7	23.5	25.0	22.8

Table A-1--U.S. per capita use of selected, commercially produced, fresh, and processing fruit and tree nuts, 1976 to date ¹--Continued

Crop	2016	2017	2018
----- Pounds, farm weight -----			
Apples, all	48.8	47.5	45.1
Fresh	19.2	18.1	16.9
Canning	4.56	4.45	4.03
Freezing	0.4	0.4	0.5
Juice	22.7	22.2	22.0
Dried	1.2	1.3	0.9
Other processed	0.8	1.1	0.8
Grapes, all	54.5	55.0	47.2
Fresh	8.1	8.2	8.1
Canning	0.1	0.1	0.1
Juice	3.8	3.5	3.9
Dried (raisins)	6.1	5.9	d
Wine	36.3	37.3	35.1
Bananas, fresh	27.4	28.6	28.2
Oranges, all	51.4	47.3	48.4
Fresh	9.2	8.0	8.2
Juice ²	42.2	39.3	40.3
Grapefruit, all	3.8	3.6	3.0
Fresh	2.0	1.9	1.6
Juice	1.9	1.7	1.4
Lemons, all	9.2	9.8	9.4
Fresh	4.2	4.3	4.2
Juice	5.0	5.5	5.1
Other citrus, all ³	11.6	12.7	12.2
Fresh	8.8	9.6	10.0
Juice	2.8	3.1	2.2
Peaches, all ^{4 5}	5.8	5.3	4.6
Fresh	2.7	2.7	2.2
Canning	2.5	2.3	1.9
Freezing	0.6	0.4	0.5
Pears, all ⁵	4.3	4.4	4.6
Fresh	2.8	2.7	2.9
Canning	1.6	1.7	1.6
Cherries, all	2.1	2.3	2.1
Fresh	1.2	1.5	1.3
Canning	0.1	0.0	0.1
Freezing	0.9	0.8	0.7
Strawberries	9.2	8.6	8.9
Fresh	7.4	6.8	7.1
Freezing	1.8	1.8	1.8
Pineapples, all	14.1	14.4	13.1
Fresh	7.3	7.8	7.8
Canning	3.7	3.6	3.4
Juice	3.1	3.0	1.9
Olives, canned	1.0	1.2	0.8
Avocados, fresh	6.9	8.0	8.0
Other noncitrus, all	15.3	15.1	15.1
Fresh ⁶	8.4	8.7	8.6
Canning ⁷	0.1	0.1	0.0
Freezing ⁸	1.3	1.4	1.3
Juice ⁹	3.1	2.7	3.0
Dried ¹⁰	2.3	2.2	2.1
Subtotal, all ¹¹	265.5	263.7	250.9
Fresh	115.4	116.7	115.1
Canning	13.7	13.4	12.0
Freezing	5.0	4.7	4.9
Juice	84.7	81.0	79.9
Dried	9.7	9.4	3.0
Tree nuts, all ¹²	4.8	5.0	5.1
Almonds	2.1	2.3	2.3
Pecans	0.44	0.47	0.53
Walnuts	0.57	0.50	0.54
Others ¹³	1.69	1.76	1.78
Total, all items*	296.8	294.4	281.2
Citrus	76.0	73.4	73.0
Noncitrus & nuts	194.3	195.3	183.0
Melons	26.5	25.6	25.2

* Total for all items will not match previous Yearbook issues due to the inclusion of melons. d = discontinued.

¹ Data may not match other tables due to rounding. Year reflects end of harvest for citrus and beginning year of harvest for noncitrus. ² Method for calculating orange juice changed in 1987. ³ Includes tangerines, tangelos, other mandarins, and limes. ⁴ Includes nectarines. ⁵ Does not include small quantities of dried and other processed products. ⁶ Includes apricots, blueberries, cranberries, kiwifruit, mangoes, papayas, and plums and prunes. ⁷ Includes apricots and plums and prunes.

⁸ Includes blackberries, blueberries, raspberries, boysenberries, loganberries and apricots. ⁹ Includes prunes and cranberries. Estimates for cranberries begin in 1989.

¹⁰ Includes apricots, dates, figs, peaches, pears, and plums and prunes. ¹¹ Also includes other processed apples and wine. ¹² Shelled basis. ¹³ Includes hazelnuts, macadamias, pistachios, Brazil nuts, cashews, and mixed nuts.

Source: USDA, Economic Research Service calculations based on U.S. production data from USDA, National Agricultural Statistics Service and U.S. trade and population data from U.S. Department of Commerce, U.S. Census Bureau.

Table A-2--Bearing acreage for fruit and tree nuts, United States, 1980 to date

Year	Citrus ¹	Major noncitrus fruits ²	Miscellaneous noncitrus ³	Tree nuts ⁴	Total ⁵
--1,000 acres--					
1980	1,143.1	1,629.7	284.3	563.1	3,620.2
1981	1,129.9	1,612.1	292.0	559.3	3,593.3
1982	1,124.3	1,640.3	241.0	579.1	3,584.7
1983	1,091.6	1,674.4	250.3	599.0	3,615.3
1984	1,007.9	1,703.8	253.0	623.8	3,588.5
1985	899.3	1,725.0	256.4	657.1	3,537.8
1986	818.9	1,727.7	260.2	669.5	3,476.3
1987	826.2	1,739.1	263.2	675.4	3,503.9
1988	832.9	1,730.4	264.6	686.3	3,514.2
1989	847.5	1,714.1	258.7	686.6	3,506.9
1990	851.8	1,709.5	252.0	691.4	3,504.7
1991	849.9	1,701.8	247.3	687.4	3,486.4
1992	886.1	1,721.2	299.3	680.0	3,586.6
1993	946.7	1,738.2	290.9	700.5	3,676.3
1994	977.8	1,756.6	288.1	725.6	3,748.1
1995	1,054.0	1,762.8	289.1	718.6	3,824.5
1996	1,104.5	1,796.1	287.8	732.1	3,920.5
1997	1,152.5	1,810.9	292.2	748.6	4,004.2
1998	1,125.5	1,833.3	295.8	774.7	4,029.4
1999	1,114.3	1,866.2	298.0	801.1	4,079.6
2000	1,094.8	1,889.0	300.2	831.0	4,114.9
2001	1,086.9	1,843.9	293.8	858.8	4,083.3
2002	1,053.9	1,833.5	299.0	885.0	4,071.4
2003	1,044.4	1,825.2	297.6	896.8	4,064.0
2004	995.9	1,795.8	297.9	923.2	4,012.8
2005	954.2	1,770.6	303.2	956.3	3,984.3
2006	886.8	1,752.5	309.1	981.2	3,929.6
2007	866.2	1,729.7	292.1	1,016.6	3,904.5
2008	850.9	1,731.5	303.4	1,101.3	3,987.1
2009	844.8	1,739.7	306.3	1,159.7	4,050.5
2010	825.2	1,750.3	310.0	1,206.0	4,091.5
2011	809.2	1,744.2	315.5	1,261.5	4,116.0
2012	801.8	1,734.6	260.7	1,316.0	4,113.1
2013	791.2	1,758.0	348.0	1,409.0	4,306.1
2014	777.7	1,742.3	369.0	1,487.0	4,375.9
2015	764.9	1,729.2	371.2	1,533.0	4,398.3
2016	737.8	1,694.0	367.5	1,971.2	4,770.4
2017	709.8	1,680.3	351.7	2,076.8	4,818.5
2018	697.9	1,551.8	329.5	2,174.8	4,754.0

¹ Grapefruit, lemons, limes, oranges, tangelos, tangerines, temples, and K-early citrus from 1992/93-2002/03. Acreage is for the year harvest was completed.

² Commercial apples, apricots, cherries, grapes, nectarines, peaches, pears, plums, and prunes. ³ Avocados, bananas, berries (until 1979 and after 1992), cranberries, dates, figs, guavas, kiwifruit, olives, papayas, pineapples (until 2006), pomegranates (until 1989), and strawberries.

⁴ Almonds, hazelnuts, macadamias, walnuts, and pistachios. ⁵ Some figures may not add due to rounding.

Source: USDA, National Agricultural Statistics Service, *Citrus Fruits Summary* and *Noncitrus Fruits and Nuts Summary*, various years.

Table A-3--Utilized production and value of production of citrus and noncitrus fruit, United States, 1980 to date

Year	Utilized production				Value of production			
	Citrus ¹	Noncitrus ²	Tree nuts ³	Total	Citrus ¹	Noncitrus ²	Tree nuts	Total
	----- 1,000 short tons -----				----- \$1,000 -----			
1980	16,484	15,504	599	32,587	1,905,483	3,780,195	898,060	6,583,738
1981	15,105	13,332	768	29,205	1,866,685	3,897,887	770,275	6,534,847
1982	12,139	14,658	686	27,483	1,616,603	3,870,147	802,790	6,289,540
1983	13,682	14,168	574	28,424	1,743,421	3,596,024	581,606	5,921,051
1984	10,832	14,301	860	25,993	1,755,300	3,694,901	842,447	6,292,648
1985	10,525	14,191	776	25,492	2,080,250	3,830,971	786,005	6,697,226
1986	11,058	13,874	592	25,524	1,768,496	4,203,597	982,672	6,954,765
1987	11,994	16,012	957	28,963	2,053,493	4,420,956	1,132,274	7,606,723
1988	12,761	15,911	901	29,573	2,618,574	5,102,962	1,129,143	8,850,679
1989	13,186	16,345	807	30,338	2,663,248	5,279,382	1,024,179	8,966,809
1990	10,860	15,640	956	27,456	2,242,862	5,525,279	1,262,071	9,030,212
1991	11,285	15,740	883	27,908	2,414,933	6,021,210	1,297,662	9,733,805
1992	12,452	17,124	866	30,442	2,401,351	6,036,615	1,417,286	9,855,252
1993	15,274	16,554	985	32,813	2,151,173	6,130,121	1,727,468	10,008,762
1994	14,561	17,339	1,028	32,928	2,268,330	6,268,533	1,584,235	10,121,098
1995	15,799	16,348	811	32,958	2,328,915	6,815,962	1,714,547	10,859,424
1996	15,712	16,103	825	32,640	2,517,394	7,265,788	1,663,574	11,446,756
1997	17,270	18,400	1,210	36,880	2,582,767	8,189,821	2,093,697	12,866,285
1998	17,770	16,552	908	35,230	2,600,066	7,251,032	1,365,349	11,216,447
1999	13,633	17,347	1,288	32,267	2,431,179	8,077,404	1,505,926	12,014,509
2000	17,276	18,854	1,086	37,216	2,513,174	7,883,036	1,496,584	11,892,794
2001	16,216	16,740	1,304	34,260	2,319,917	7,918,636	1,513,063	11,751,616
2002	16,194	17,122	1,448	34,764	2,610,559	8,137,640	2,078,670	12,826,869
2003	15,180	16,848	1,458	33,486	2,259,976	8,434,610	2,472,480	13,167,066
2004	16,360	16,823	1,524	34,706	2,485,052	8,553,060	3,527,904	14,566,016
2005	11,573	18,272	1,467	31,312	2,303,425	9,805,757	4,175,893	16,285,075
2006	11,744	16,816	1,598	30,158	2,738,361	10,510,417	3,680,383	16,929,161
2007	10,467	17,048	2,000	29,515	3,147,755	11,436,449	4,273,279	18,857,483
2008	12,838	17,558	2,144	32,541	3,240,263	11,547,473	3,828,207	18,615,943
2009	11,839	18,021	2,014	31,874	2,741,963	12,232,459	4,172,838	19,147,260
2010	11,000	17,835	2,374	31,209	2,965,231	12,751,568	5,862,688	21,579,487
2011	11,798	18,111	2,584	32,493	3,240,896	13,886,156	7,007,694	24,134,746
2012 ⁴	11,681	17,635	2,636	31,952	3,712,817	15,611,441	8,337,036	27,661,294
2013	11,111	19,433	2,659	33,203	3,169,544	16,220,440	10,462,270	29,852,254
2014	9,411	19,151	2,567	31,129	3,704,444	16,410,049	11,816,331	31,930,824
2015	9,060	18,334	2,552	29,946	3,353,750	16,602,493	8,461,676	28,417,919
2016	8,748	18,598	3,110	30,456	3,435,675	17,571,574	8,690,836	29,698,085
2017	7,697	18,313	2,985	28,995	3,532,125	18,032,949	9,023,875	30,588,949
2018 ⁵	6,076	17,618	3,200	26,893	3,330,152	16,466,042	9,521,528	29,317,722

¹ Year harvest was completed. ² Includes berries (beginning 1992), cranberries, and strawberries. ³ Tree nuts are on an in-shell equivalent basis.

⁴ 2012 value of production estimates for avocados, bananas, figs, guavas, kiwifruit, and papayas were not included in the total.

⁵ Some commodity estimates under "Noncitrus" were discontinued in 2018, including bananas, cultivated blackberries, boysenberries, and figs.

Source: USDA, National Agricultural Statistics Service, *Citrus Fruits Summary* and *Noncitrus Fruits and Nuts Summary*, various years.

Table A-4--Bearing acreage for selected citrus and noncitrus fruit, United States, 1980 to date

Year	Cherries						Prunes and plums	Apricots	Figs	Oranges ¹	Tanger- ines ¹	Grape- fruit ¹	Lemons ¹	Limes ¹	
	Apples	Peaches	Pears	Grapes	Sweet	Tart									
----- 1,000 acres -----															
1980	412.2	194.2	81.0	698.6	47.0	42.0	111.5	24.8	14.3	806.0	26.9	199.9	75.2	4.7	
1981	414.9	188.3	76.1	694.4	45.9	40.8	107.4	23.3	14.8	794.6	26.6	197.0	76.9	5.3	
1982	418.3	188.6	74.4	719.5	44.8	40.3	109.6	22.5	14.7	777.7	32.4	199.1	75.8	6.4	
1983	424.5	190.4	70.7	746.3	44.4	40.9	112.3	21.8	15.8	750.8	31.3	199.3	71.5	7.3	
1984	422.9	194.3	69.1	770.0	44.5	43.7	113.9	20.9	17.3	688.2	25.5	191.6	69.8	7.0	
1985	430.7	193.1	68.6	782.2	44.8	45.7	117.5	20.0	17.8	617.7	23.2	162.8	66.6	6.7	
1986	442.4	191.0	67.6	770.6	45.4	48.2	120.1	19.6	18.0	561.5	20.6	145.2	65.3	6.8	
1987	452.3	190.1	68.7	763.7	46.6	50.1	124.9	19.2	18.1	569.5	19.3	147.9	63.9	6.7	
1988	447.9	182.4	68.9	760.8	47.5	49.2	129.2	19.2	17.7	574.5	19.5	148.7	64.5	7.0	
1989	450.4	182.7	69.4	745.0	46.9	49.2	127.4	18.7	16.9	588.7	19.3	150.2	63.9	6.6	
1990	451.5	180.0	69.3	739.9	45.9	48.7	130.4	18.4	16.7	597.8	19.8	147.3	63.3	6.7	
1991	449.2	178.3	69.8	735.9	45.0	48.1	130.4	18.8	16.0	612.7	20.0	133.2	62.1	6.2	
1992	455.1	179.4	70.1	746.1	45.6	48.5	130.4	19.6	14.4	640.1	24.1	136.6	62.1	6.3	
1993	459.7	173.4	69.8	759.7	46.7	48.8	131.4	20.8	14.2	688.2	26.3	145.6	62.1	6.3	
1994	459.5	169.1	70.3	776.6	49.6	47.2	132.1	21.3	14.6	711.9	29.9	154.7	61.1	1.9	
1995	462.6	164.6	69.5	782.6	52.1	44.7	131.5	21.2	14.7	771.2	34.3	166.1	61.0	1.9	
1996	467.6	164.3	68.7	808.8	54.8	42.6	132.8	21.6	15.4	808.8	38.6	174.3	61.3	2.0	
1997	468.0	157.8	66.9	835.3	56.6	40.3	128.7	21.4	16.4	843.6	42.5	182.0	61.9	2.1	
1998	466.3	159.2	66.9	856.1	58.3	40.3	129.5	21.4	16.6	830.0	41.5	169.9	62.7	2.7	
1999	454.2	155.5	66.7	906.8	60.2	39.7	127.2	20.4	15.1	832.3	41.8	156.5	63.1	2.7	
2000	433.7	151.2	66.9	950.0	63.9	39.5	128.1	20.4	15.9	816.6	40.8	153.5	63.8	2.8	
2001	409.3	147.5	65.1	932.5	68.1	38.5	127.0	19.4	14.6	818.7	40.0	145.2	65.3	1.2	
2002	394.8	146.4	64.1	950.0	72.7	37.7	114.0	17.3	13.5	797.6	38.8	136.3	65.8	0.8	
2003	388.7	144.2	64.2	953.3	75.0	37.0	110.9	16.5	13.0	800.0	37.9	128.4	64.8	³	
2004	381.9	143.1	63.2	936.6	77.3	36.9	107.2	14.8	12.6	771.5	37.0	114.0	62.0	³	
2005	369.1	135.8	60.5	938.6	78.8	36.2	102.4	13.9	12.0	745.8	36.1	101.5	61.5	³	
2006	359.9	129.1	59.8	940.6	80.6	35.6	99.4	13.1	10.3	693.1	34.8	89.1	61.0	³	
2007	350.9	125.3	58.6	936.5	81.7	34.8	96.8	12.7	9.1	677.3	36.8	86.1	60.5	³	
2008	348.8	123.9	58.6	944.8	82.6	34.8	95.2	12.5	9.4	662.8	40.5	83.4	59.0	³	
2009	344.9	118.3	57.0	965.7	85.3	35.6	93.2	12.4	9.3	656.0	44.2	80.4	59.0	³	
2010	336.6	116.8	56.0	994.7	85.0	35.7	88.1	12.2	8.1	642.0	45.8	75.7	57.0	³	
2011	330.8	111.8	53.6	1008.9	85.7	36.4	82.8	11.9	7.9	628.0	48.3	73.6	55.0	³	
2012	325.2	109.0	50.1	1018.0	86.4	37.3	77.6	11.4	7.4	618.4	52.6	72.2	54.5	³	
2013	328.7	106.3	49.4	1042.1	90.1	38.2	71.6	12.2	7.0	607.2	54.7	71.4	54.0	³	
2014	329.9	102.5	49.1	1033.7	89.7	37.9	67.0	12.1	6.3	591.8	58.5	69.5	54.3	³	
2015	332.2	99.2	48.7	1024.2	91.8	37.4	64.9	11.5	6.4	575.9	63.4	67.3	55.3	³	
2016	328.8	92.9	46.1	1009.6	91.7	35.9	60.0	11.0	6.5	551.4	65.3	64.1	54.5	³	
2017	328.2	92.0	46.2	997.8	92.5	35.3	60.0	11.3	6.7	527.5	68.4	59.6	54.3	³	
2018	291.2	74.5	46.3	937.0	85.0	35.2	58.0	10.6	³	517.5	71.3	54.8	54.3	³	
Year	Tange- los ¹	Temple s ¹	Straw- berries	Pine- apples	Avocados	Nectar- ines	Cranberries	Bananas	Kiwifruit	Dates	Papayas	Pome- granates	Mangoes ²	Total	
----- 1,000 acres -----															
1980	17.3	18.2	36.1	43.0	67.1	18.4	23.2	0.6	1.6	4.0	2.0	3.1	1.5	2,974.4	
1981	16.8	17.7	37.0	41.0	73.0	21.0	23.2	0.7	3.0	4.1	2.1	3.3	1.5	2,950.7	
1982	16.1	16.8	40.3	36.0	78.0	22.2	23.4	0.7	3.4	4.1	2.2	3.3	1.5	2,972.0	
1983	15.6	15.8	43.3	35.0	83.0	23.1	24.1	0.9	3.1	4.2	2.1	3.8	1.5	2,982.8	
1984	12.3	13.5	43.3	35.0	84.0	24.5	24.6	0.9	3.8	4.3	2.6	3.4	1.7	2,932.6	
1985	10.1	12.2	44.1	34.5	85.2	22.4	25.7	0.8	4.8	4.4	2.7	3.5	1.8	2,849.6	
1986	9.5	10.0	44.4	36.0	86.3	22.8	26.3	1.0	5.6	4.5	2.4	3.5	2.1	2,776.7	
1987	9.5	9.4	46.1	36.1	86.1	23.6	26.7	1.1	6.8	4.9	2.4	3.4	2.2	2,799.2	
1988	9.4	9.3	47.2	34.6	86.4	25.3	27.3	1.1	7.1	5.1	2.3	3.5	2.4	2,797.9	
1989	9.5	9.3	46.1	32.7	85.9	24.4	27.6	1.0	7.2	5.0	2.5	3.1	2.5	2,792.1	
1990	8.9	8.0	46.1	30.9	83.5	25.5	27.8	0.9	7.3	5.0	2.4	³	2.5	2,784.3	
1991	8.0	7.7	46.1	28.4	82.4	26.4	28.4	0.9	7.3	5.2	2.0	³	2.5	2,770.9	
1992	9.8	7.1	49.5	26.2	81.5	26.5	29.2	0.9	7.3	5.3	2.4	³	2.5	2,826.6	
1993	10.5	7.3	51.2	22.0	73.0	28.0	29.4	0.8	6.9	5.5	2.6	³	1.6	2,891.8	
1994	11.3	6.7	48.8	22.3	67.2	31.0	31.1	0.9	6.5	5.5	2.2	³	1.6	2,934.9	
1995	12.4	6.8	48.1	19.9	67.1	34.0	32.8	0.9	6.1	5.2	2.4	³	1.5	3,015.3	
1996	12.7	6.6	47.7	20.0	65.8	35.0	34.0	1.0	5.7	4.7	1.8	³	1.5	3,098.1	
1997	13.3	6.7	44.3	19.9	66.1	36.0	35.7	1.0	5.3	4.8	2.0	³	1.4	3,159.8	
1998	12.2	6.2	44.9	21.0	65.6	35.5	36.6	1.4	5.3	5.0	2.1	³	1.4	3,	

na

Table A-5--Total commercial production for selected citrus and noncitrus fruit, United States, 1980 to date

Year	Apples	Peaches	Pears	Grapes	Cherries		Prunes		Figs	Oranges ¹	Tanger- ines ¹	Grape- fruit ¹	Lemons ¹	Limes ¹
					Sweet	Tart	and plums	Apricots						
----- 1,000 short tons -----														
1980	4,409	1,534	897	5,595	174	109	405	129	45	11,832	275	2,986	789	44
1981	3,870	1,385	897	4,458	155	67	765	89	38	10,487	239	2,759	1,189	48
1982	4,061	1,143	802	6,555	157	155	573	118	38	7,600	288	2,878	942	58
1983	4,189	928	774	5,521	181	77	674	93	34	9,519	291	2,465	950	75
1984	4,162	1,330	708	5,208	182	136	721	127	37	7,243	262	2,184	788	63
1985	3,957	1,074	745	5,616	133	143	648	131	33	6,719	193	2,266	967	72
1986	3,930	1,153	767	5,228	138	112	491	55	50	7,476	196	2,352	692	76
1987	5,371	1,191	938	5,267	215	180	977	114	52	7,697	228	2,586	1,087	63
1988	4,560	1,311	860	6,034	186	118	739	102	56	8,551	218	2,801	785	57
1989	4,958	1,182	916	5,931	193	132	1,018	120	48	8,949	239	2,844	759	55
1990	4,828	1,121	962	5,660	157	104	734	122	50	7,745	164	1,978	706	72
1991	4,853	1,348	903	5,556	149	95	831	96	45	7,848	166	2,256	719	64
1992	5,284	1,336	923	6,052	205	168	829	106	47	8,909	260	2,224	766	70
1993	5,343	1,322	948	6,023	168	170	588	97	61	10,992	247	2,791	942	44
1994	5,750	1,255	1,046	5,873	207	152	879	153	57	10,329	318	2,661	984	9
1995	5,289	1,145	948	5,922	165	198	744	61	52	11,432	287	2,912	897	10
1996	5,191	1,052	821	5,554	154	136	952	79	46	11,426	349	2,718	992	14
1997	5,162	1,312	1,043	7,291	226	146	926	139	58	12,692	425	2,885	962	14
1998	5,823	1,190	990	5,820	197	174	559	118	52	13,670	360	2,593	897	19
1999	5,316	1,252	1,044	6,236	216	128	735	91	47	9,824	327	2,513	747	22
2000	5,290	1,276	993	7,688	208	144	902	97	56	12,997	458	2,763	840	26
2001	4,712	1,204	1,027	6,569	230	185	651	82	41	12,221	373	2,462	996	11
2002	4,262	1,268	890	7,339	181	31	736	90	53	12,374	420	2,424	801	7
2003	4,390	1,260	934	6,644	246	113	803	98	49	11,545	382	2,063	1,026	⁴
2004	5,206	1,307	878	6,240	283	107	325	101	51	12,872	417	2,165	798	⁴
2005	4,834	1,185	823	7,814	251	135	476	82	49	9,251	335	1,018	870	⁴
2006	4,912	1,010	842	6,378	294	131	813	45	43	9,020	417	1,232	980	⁴
2007	4,545	1,127	873	7,057	311	127	405	88	48	7,625	361	1,627	798	⁴
2008	4,812	1,135	870	7,279	248	107	544	82	43	10,076	527	1,548	619	⁴
2009	4,844	1,104	957	7,268	443	180	627	69	44	9,128	443	1,304	912	⁴
2010	4,641	1,149	814	7,432	313	95	544	66	41	8,243	596	1,238	882	⁴
2011	4,720	1,071	966	7,409	334	116	617	67	39	8,905	657	1,264	920	⁴
2012	4,496	968	851	7,531	424	43	564	61	35	8,982	644	1,153	850	⁴
2013	5,262	905	877	8,632	332	147	364	61	33	8,268	682	1,204	912	⁴
2014	5,932	853	832	7,884	364	152	452	65	33	6,768	732	1,047	824	⁴
2015	5,051	845	817	7,621	335	126	441	46	32	6,353	863	910	904	⁴
2016	5,748	792	739	7,697	350	165	265	64	33	6,088	935	803	904	⁴
2017	5,777	701	737	7,384	438	130	443	46	31	5,088	1,029	698	882	⁴
2018	5,129	652	806	7,596	344	149	380	40	⁴	3,875	804	509	888	⁴
Year	Tange- los ¹	Temples ¹	Straw- berries	Pine- apples ²	Avocados	Nectar- ines	Cranberries	Bananas ²	Kiwifruit	Dates	Papayas ²	Pome- granates	Mangoes ³	Total
----- 1,000 short tons -----														
1980	288	270	351	657	269	191	135	2	5	22	37	17	7	31,474
1981	221	162	371	636	183	182	130	3	7	22	47	17	7	28,434
1982	229	144	442	670	237	178	152	3	16	24	26	16	6	27,511
1983	171	211	447	722	274	185	149	2	14	17	31	20	10	28,024
1984	162	130	495	600	230	183	166	5	18	22	40	20	12	25,234
1985	162	146	509	565	189	210	174	4	22	29	30	19	12	24,768
1986	133	133	510	646	303	172	185	5	24	18	31	22	11	24,909
1987	180	153	571	692	209	191	170	6	29	19	34	19	15	28,253
1988	189	160	590	659	193	217	204	7	33	22	35	20	10	28,716
1989	171	169	572	580	139	220	187	6	40	22	37	19	11	29,517
1990	132	63	628	575	156	232	170	6	39	24	34	⁴	10	26,472
1991	119	113	683	555	185	215	211	6	30	22	28	⁴	14	27,110
1992	117	106	668	550	292	236	208	6	52	21	36	⁴	11	29,482
1993	137	113	723	370	144	205	196	6	49	29	32	⁴	1	31,741
1994	150	101	825	365	175	242	234	7	39	23	31	⁴	3	31,869
1995	142	114	804	345	190	176	210	7	38	23	25	⁴	4	32,140
1996	110	97	813	347	191	247	234	7	32	23	21	⁴	3	31,607
1997	178	108	814	324	178	264	275	7	35	21	19	⁴	3	35,507
1998	128	101	819	332	159	224	272	11	37	25	20	⁴	⁴	34,589
1999	115	81	916	352	183	274	318	12	27	22	21	⁴	⁴	30,819
2000	99	88	950	354	239	267	286	15	34	17	27	⁴	⁴	36,115
2001	95	56	826	323	223	275	267	14	26	20	28	⁴	⁴	32,916
2002	97	70	942	320	199	300	285	10	26	24	23	⁴	⁴	33,173
2003	105	59	1,078	300	233	273	310	11	25	18	21	⁴	⁴	31,985
2004	45	63	1,107	220	179	269	309	8	27	17	18	⁴	⁴	33,012
2005	70	29	1,161	212	312	251	312	11	36	17	17	⁴	⁴	29,549
2006	63	32	1,202	185	147	232	345	11	26	18	14	⁴	⁴	28,390
2007	56	⁵	1,223	⁶	193	283	328	13	25	16	17	⁴	⁴	27,144
2008	68	⁵	1,266	⁶	116	303	393	9	23	21	17	⁴	⁴	30,105
2009	52	⁵	1,401	⁶	299	220	346	9	26	24	16	⁴	⁴	29,712
2010	41	⁵	1,426	⁴	174	233	340	9	33	29	15	⁴	⁴	28,356
2011	52	⁵	1,451	⁴	263	225	386	9	38	33	14	⁴	⁴	29,555
2012	52	⁵	1,526											

na = not available.

¹ Year harvest was completed. ² Only utilized production estimated until 2016. ³ Florida only. ⁴ Discontinued. ⁵ As of 2007, data included with oranges.⁶ Data not published to avoid disclosure of individual operations. ⁷ As of 2017, data included in tangerines and mandarins.Sources: USDA, National Agricultural Statistics Service, *Citrus Fruits Summary* and *Noncitrus Fruits and Nuts Summary*, various years.

Table A-6--Average price indexes for fruit, United States, 1980 to date

Year	Index of fruit and nut prices received by growers	Index of fruit and nut prices received by growers ¹	Producer price index			Consumer price index		
			Fresh fruit	Dried fruit	Canned fruit and juices ²	Frozen fruit and juices ³	Fresh fruit	Processed fruit ⁴
	--- 1990-92=100 ---	--- 2011=100 ---	----- 1982=100 -----			----- 1982-84=100 -----		
1980	73	na	100.3	97.4	90.3	79.9	84.8	82.1
1981	76	na	96.6	99.1	96.6	100.0	89.4	91.7
1982	78	na	100.0	100.0	100.0	100.0	99.3	96.7
1983	71	na	106.4	100.0	101.0	98.7	95.1	98.1
1984	85	na	106.8	94.4	110.1	114.8	105.6	105.2
1985	84	na	108.1	88.7	113.8	118.5	116.3	109.5
1986	83	na	112.9	91.9	111.0	103.0	118.7	106.3
1987	93	na	112.0	95.0	115.4	113.3	132.0	110.6
1988	96	na	113.5	98.9	120.3	130.0	143.0	121.9
1989	99	na	113.2	103.1	122.6	124.5	152.4	125.9
1990	97	63	118.1	107.0	126.9	138.9	172.5	136.9
1991	112	59	129.9	107.2	128.6	132.9	193.7	126.1
1992	99	60	84.0	109.9	134.6	139.1	185.2	131.0
1993	93	65	84.5	113.0	126.1	131.6	189.2	132.9
1994	90	66	82.7	116.1	126.0	132.3	203.2	134.3
1995	97	59	85.6	116.1	129.4	136.7	200.3	137.0
1996	118	71	100.8	119.1	137.5	83.6	234.4	83.1
1997	110	66	99.4	123.3	138.1	148.2	236.3	148.5
1998	111	67	90.5	121.8	134.3	101.5	246.5	101.9
1999	115	69	103.6	122.9	137.0	106.1	266.3	105.4
2000	98	59	91.4	122.4	139.5	108.9	258.3	106.9
2001	109	65	97.7	120.3	143.3	111.9	265.1	109.0
2002	105	63	91.5	120.7	141.7	112.5	270.2	111.6
2003	106	64	84.1	122.1	142.3	115.7	279.1	113.7
2004	124	74	104.9	⁵	143.1	113.3	286.8	114.0
2005	128	77	102.8	⁵	148.1	112.4	297.4	118.4
2006	154	92	111.0	⁵	153.0	119.7	315.2	121.5
2007	158	95	123.4	⁵	169.3	138.5	329.5	125.2
2008	149	89	122.9	⁵	179.0	146.7	345.4	135.6
2009	140	84	110.4	⁵	186.9	150.5	324.4	142.8
2010	148	89	123.8	⁵	187.3	148.7	322.3	141.0
2011	169	100	117.7	⁵	195.4	160.0	333.1	146.0
2012	189	112	119.0	⁵	203.8	168.9	336.6	150.4
2013	na	119	121.2	⁵	206.4	170.3	343.2	154.5
2014	na	136	124.5	⁵	208.7	172.7	359.7	154.0
2015	na	139	124.2	⁵	217.1	176.8	352.0	157.5
2016	na	139	138.7	⁵	223.2	177.0	359.8	158.2
2017	na	134	147.9	⁵	229.4	180.4	361.4	156.4
2018	na	132	145.1	⁵	227.3	180.8	365.2	154.9

na = not available.

¹ Beginning in 2014, the calculation of the index from 1990 onward changed from using the base period from 1990-92=100 to 2011=100.² Beginning in 1990, data are an average of canned fruit and canned juice.³ Beginning in 1991, data are only for frozen juice. As of 2003, data are for frozen noncarbonated juices and drinks (December 1997=100). ⁴ Beginning in 1991, processed fruit data are for canned and dried fruit only. Beginning in 2007, processed fruit data for canned fruit only (December 1997=100). ⁵ Data no longer available.Sources: USDA, National Agricultural Statistics Service, *Agricultural Prices*; USDA, Economic Research Service; and U.S. Department of Labor, Bureau of Labor Statistics.

Table A-7--Annual average retail prices for selected fresh fruit, United States, 1980 to date

Year	Red Delicious apples	Bananas	Anjou pears	Thompson seedless grapes	Lemons	Grapefruit	Oranges	
							Navel	Valencia
--Dollars/pound--								
1980	0.629	0.342	0.609	1.064	0.702	0.354	0.365	0.373
1981	0.565	0.362	0.590	1.143	0.700	0.395	0.391	0.406
1982	0.639	0.354	0.606	1.014	0.771	0.354	0.433	0.556
1983	0.590	0.386	0.619	1.071	0.748	0.365	0.387	0.384
1984	0.657	0.359	0.541	1.100	0.752	0.398	0.425	0.650
1985	0.685	0.367	0.703	0.945	0.929	0.471	0.533	0.538
1986	0.773	0.385	0.768	1.140	0.821	0.509	0.481	0.463
1987	0.728	0.365	0.745	1.173	0.897	0.518	0.543	0.578
1988	0.729	0.418	0.628	1.163	0.933	0.517	0.528	0.585
1989	0.688	0.449	0.733	1.205	0.995	0.525	0.516	0.599
1990	0.719	0.463	0.763	1.256	1.074	0.657	0.570	0.558
1991	0.885	0.481	0.840	1.400	1.227	0.618	0.784	0.925
1992	0.890	0.458	0.826	1.288	1.007	0.607	0.574	0.559
1993	0.834	0.439	0.858	1.415	1.084	0.529	0.549	0.654
1994	0.803	0.462	0.787	1.506	1.109	0.513	0.545	0.587
1995	0.835	0.490	0.774	1.551	1.136	0.548	0.625	0.648
1996	0.930	0.490	0.916	1.685	1.114	0.574	0.707	0.703
1997	0.907	0.487	0.985	1.712	1.154	0.520	0.592	0.682
1998	0.943	0.494	0.933	1.589	1.198	0.599	0.565	0.657
1999	0.897	0.491	0.950	1.841	1.236	0.612	0.843	0.947
2000	0.919	0.501	0.986	1.745	1.289	0.610	0.613	0.610
2001	0.868	0.507	0.966	1.850	1.265	0.651	0.722	0.524
2002	0.948	0.508	0.997	1.887	1.391	0.648	0.836	0.565
2003	0.980	0.509	na	1.899	1.317	0.723	0.838	0.575
2004	1.043	0.495	1.168	2.059	1.235	0.819	0.859	0.691
2005	0.949	0.492	1.114	2.078	1.411	1.089	0.996	0.897
2006	1.067	0.500	1.133	2.246	1.529	1.114	1.087	1.001
2007	1.115	0.510	1.273	2.092	1.857	0.964	1.284	1.074
2008	1.320	0.609	1.331	2.212	2.004	0.965	1.116	1.016
2009	1.182	0.611	1.305	2.109	1.520	0.903	1.050	0.956
2010	1.220	0.580	1.287	2.181	1.634	0.927	1.062	1.017
2011	1.350	0.610	1.409	2.386	1.581	0.976	1.096	1.009
2012	1.377	0.602	1.253	2.488	1.565	1.078	1.053	na
2013	1.386	0.600	na	2.494	1.582	1.048	1.151	1.032
2014	1.354	0.598	na	2.639	1.968	1.109	1.319	na
2015	1.358	0.583	na	2.591	1.981	1.091	1.304	na
2016	1.442	0.573	1.674	2.758	2.037	0.970	1.246	na
2017	1.294	0.563	1.603	2.641	2.007	1.279	1.341	na
2018	na	0.574	1.579	2.584	2.249	1.346	1.413	na

na = not available.

Source: U.S. Department of Labor, Bureau of Labor Statistics.

Table A-8--Fruit and tree nuts: U.S. cash receipts, 1980 to date

Year	Grapefruit	Lemons	Oranges	Tangerines	Apples	Avocados	Cherries	Grapes	Nectarines	Olives	Peaches
--\$1,000--											
1980	302,237	144,890	1,301,845	33,907	705,312	125,370	135,175	1,332,439	44,121	37,714	364,089
1981	309,583	121,334	1,279,177	28,151	790,118	132,346	157,685	1,324,997	41,678	31,205	404,813
1982	226,527	107,224	1,325,073	51,465	856,880	99,780	127,045	1,413,791	44,322	75,741	262,558
1983	180,413	96,305	1,334,634	38,098	738,707	117,433	176,966	1,074,643	55,500	31,659	255,798
1984	294,103	145,600	1,358,778	47,602	951,214	107,051	164,006	983,265	57,779	50,712	319,646
1985	319,160	236,889	1,404,301	63,123	892,446	138,896	163,770	960,515	68,723	54,336	295,149
1986	357,911	156,660	1,184,492	59,335	927,286	163,250	156,859	1,177,269	75,720	66,231	314,926
1987	407,827	226,195	1,363,227	76,885	1,060,109	120,168	181,653	1,361,061	65,545	42,188	308,970
1988	468,853	188,290	1,809,371	91,556	941,721	211,790	189,105	1,604,299	85,593	45,325	383,687
1989	436,441	223,450	1,783,269	78,114	984,458	224,298	172,612	1,854,955	87,645	57,441	361,374
1990	358,147	305,165	1,692,447	70,681	1,069,537	245,006	156,162	1,676,836	109,999	64,059	374,167
1991	423,097	277,835	1,525,176	83,575	1,608,572	204,139	228,835	1,736,063	86,457	36,335	396,109
1992	372,385	238,687	1,410,099	99,308	1,597,501	175,737	233,391	1,846,216	73,710	90,585	379,749
1993	316,378	282,823	1,543,981	87,971	1,406,532	139,506	223,774	2,000,445	102,421	56,974	395,231
1994	319,715	248,101	1,630,196	75,116	1,367,024	260,684	248,603	1,887,974	68,168	38,976	314,449
1995	305,019	266,043	1,692,235	145,318	1,557,565	241,893	211,524	2,045,091	93,990	50,065	401,393
1996	300,519	252,835	1,788,750	111,842	1,820,188	249,656	264,769	2,372,217	116,977	102,422	389,894
1997	241,792	254,626	1,819,240	98,076	1,431,706	275,252	323,422	3,119,448	98,895	66,768	444,137
1998	267,204	258,297	2,263,631	110,580	1,431,929	290,158	257,295	2,650,637	105,466	41,310	434,889
1999	350,479	263,788	1,511,643	108,454	1,409,703	314,760	290,384	2,963,310	112,497	54,954	451,728
2000	376,728	267,382	1,775,222	83,981	1,466,268	353,045	327,483	3,099,883	106,256	34,768	470,399
2001	296,823	277,771	1,546,116	109,711	1,314,432	354,259	328,064	2,952,381	127,642	90,048	483,043
2002	294,287	329,789	1,633,590	120,529	1,453,199	345,590	302,350	2,837,398	114,600	58,983	488,011
2003	254,368	245,856	1,587,979	104,921	1,686,222	380,537	422,323	2,609,279	119,028	48,262	454,406
2004	291,082	291,258	1,501,780	115,406	1,750,838	389,480	507,074	3,010,742	86,184	60,643	461,804
2005	416,819	344,790	1,901,035	135,149	1,712,290	292,421	548,089	3,490,260	126,942	80,102	511,464
2006	372,927	446,682	1,922,338	131,467	1,997,786	350,243	518,679	3,303,107	121,004	18,119	513,093
2007	408,792	407,502	1,808,430	158,455	2,608,220	341,239	624,979	3,453,124	96,305	86,694	502,087
2008	273,076	523,528	2,198,828	236,193	2,210,997	214,546	654,387	3,613,420	110,915	46,587	545,499
2009	224,098	335,065	1,970,070	207,202	2,182,003	429,586	574,958	4,101,600	138,611	32,209	593,387
2010	291,424	395,339	1,997,188	274,519	2,310,982	479,068	756,425	4,023,967	129,075	136,796	617,459
2011	283,537	386,514	2,230,412	330,503	2,830,784	406,047	903,657	4,262,945	130,973	52,168	587,228
2012	279,033	448,698	2,621,620	349,167	3,314,996	383,676	893,833	5,661,096	144,906	130,038	618,369
2013	256,524	400,295	2,073,638	426,101	3,147,435	361,305	876,193	6,135,301	125,113	134,881	550,243
2014	241,686	641,259	2,254,303	557,357	2,886,900	326,378	873,361	5,822,250	162,221	73,559	628,846
2015	216,258	696,835	1,963,353	468,083	3,365,665	433,870	838,159	5,914,468	143,061	160,043	602,214
2016	254,318	755,086	1,927,270	490,217	3,492,607	372,254	860,356	6,294,150	133,791	141,761	622,624
2017	256,917	763,446	1,943,678	568,084	3,601,447	392,012	948,520	6,507,849	128,255	186,649	599,862
2018	207,970	715,761	1,830,445	575,976	3,013,713	400,354	694,335	6,615,121	104,626	40,523	511,226
Year	Pears	Pine-apples	Plums and prunes	Cranberries	Straw-berries	Blue-berries ¹	Almonds	Pecans	Walnuts	Other fruit and nuts ²	Total fruit and nuts
--\$1,000--											
1980	174,717	76,596	198,156	89,194	244,513	49,409	473,193	136,792	184,355	403,375	6,557,399
1981	162,740	89,745	180,983	107,494	310,267	64,361	299,072	180,478	228,109	358,594	6,602,930
1982	147,525	99,484	180,578	142,018	424,539	46,708	311,051	152,920	238,680	469,882	6,803,791
1983	136,795	100,376	169,455	155,266	407,188	44,863	251,576	153,613	125,544	411,037	6,055,869
1984	150,440	89,928	157,863	180,940	413,253	28,916	446,134	143,951	155,490	486,950	6,733,621
1985	193,084	90,530	195,734	189,959	450,819	43,396	360,640	163,106	174,762	487,041	6,946,379
1986	198,360	99,720	199,876	165,086	503,641	42,132	461,568	196,649	194,400	550,301	7,251,672
1987	195,742	99,286	205,695	150,906	549,641	54,512	648,000	139,989	243,048	555,344	8,055,991
1988	218,359	107,402	255,020	186,340	544,279	75,414	600,075	166,661	192,698	666,252	9,032,090
1989	258,638	98,310	251,946	164,720	537,756	61,998	480,930	178,965	245,030	608,828	9,151,178
1990	260,861	106,365	295,335	156,455	589,588	68,212	597,990	247,677	236,080	700,230	9,381,000
1991	271,576	107,775	256,412	206,616	631,458	66,209	564,179	307,016	279,720	689,246	9,986,400
1992	275,241	102,100	254,125	214,767	697,950	128,616	691,340	240,797	286,230	681,076	10,089,612
1993	247,045	79,850	261,544	196,820	669,937	111,233	930,618	213,862	361,400	701,238	10,329,585
1994	226,521	78,890	257,255	230,795	836,142	108,417	965,202	207,345	238,960	692,109	10,300,642
1995	241,276	87,360	324,005	223,938	811,634	122,283	880,896	271,232	327,600	717,483	11,017,842
1996	292,788	95,914	291,778	307,827	769,393	147,370	1,018,368	134,355	328,640	692,088	11,848,590
1997	306,761	91,721	267,398	350,147	903,990	170,112	1,160,640	259,220	384,670	889,965	12,957,987
1998	284,229	92,776	237,562	199,114	1,002,709	136,649	703,590	177,452	238,350	798,968	11,982,796
1999	294,055	101,448	196,539	109,072	1,145,876	187,867	687,742	330,398	250,738	880,775	12,016,211
2000	288,196	101,530	187,462	100,851	1,045,413	222,536	666,487	238,768	296,360	876,397	12,385,416
2001	273,206	96,337	216,077	113,646	1,069,259	187,004	740,012	201,101	341,600	785,512	11,904,046
2002	253,197	100,616	184,936	182,783	1,164,270	212,426	1,200,687	165,033	329,940	1,001,690	12,773,903
2003	267,829	101,470	224,302	209,834	1,377,277	247,529	1,600,144	277,629	378,160	983,520	13,580,875
2004	286,293	83,104	202,191	202,670	1,297,723	296,981	2,189,005	326,924	451,750	1,405,435	15,208,366
2005	295,600	79,288	179,475	219,985	1,399,161	381,777	2,525,909	406,920	557,350	1,532,702	17,137,528
2006	307,595	73,652	274,186	278,888	1,523,089	560,092	2,258,790	322,493	563,980	1,396,049	17,254,259
2007	363,092	na	223,483	332,092	1,751,108	614,106	2,401,875	433,644	751,120	1,285,345	18,651,692
2008	396,081	na	256,378	457,192	1,918,288	591,842	2,343,200	271,687	558,080	1,224,799	18,645,523
2009	355,662	na	267,535	305,669	2,129,585	517,325	2,293,500	430,388	747,270	1,342,857	19,178,580
2010	386,955	na	259,225	299,123	2,260,733	643,861	2,903,380	674,828	1,028,160	1,744,420	21,612,927
2011	366,552	na	248,557	345,561	2,391,406	880,269	4,007,860	655,889	1,336,900	1,528,524	24,166,286
2012	432,988	na	269,768	385,506	2,453,039	841,663	4,816,860	475,991	1,505,910	2,080,661	28,107,818
2013	430,660	na	241,696	287,322	2,609,038	815,561	6,384,690	460,390	1,825,320	2,672,402	30,214,108
2014	467,194	na	368,662	254,412	2,821,854	889,188	7,388,000	516,591	1,907,140	3,167,349	32,248,510
2015	494,190	na	321,962	261,853	2,239,301	866,760	5,868,750	560,216	1,012,020	2,020,431	28,447,492
2016	485,763	na	205,180	292,292	3,243,711	747,839	5,052,460	696,806	1,274,650	2,354,950	29,698,085
2017	519,290	na	322,797	252,088	2,895,813	833,469	5,603,950	709,218	1,568,700	1,986,905	30,588,949
2018	428,940	na	287,402	222,440	2,670,523	820,450	5,468,040	425,331	878,800	3,071,280	28,983,256

na = not available.

¹ Beginning in 1996 includes cultivated and wild blueberries. ² Includes limes, tangelos, K-early citrus, apricots, coffee, dates, figs, bananas, papayas, kiwifruit, mangos, guavas, raspberries, blackberries, other berries, hazelnuts, pistachios, macadamias, and miscellaneous fruit and tree nuts (raspberry data not available until 1993; lime data discontinued beginning in 2002; mango data unavailable as of 1999).

Table A-9--Fresh apples: U.S. monthly average retail price, marketing spread, and grower price, 1989 to date ¹

Year	Retail value ²	Marketing spread		Grower price	
		Actual	Portion of retail	Actual	Portion of retail
	----Dollars/pound----		Percent	Dollars/pound	Percent
1989	0.66	0.51	77.93	0.15	22.07
1990	0.69	0.52	75.86	0.17	24.14
1991	0.85	0.62	72.97	0.23	27.03
1992	0.85	0.61	70.99	0.25	29.01
1993	0.80	0.62	77.08	0.18	22.92
1994	0.77	0.59	76.21	0.18	23.79
1995	0.80	0.58	72.06	0.22	27.94
1996	0.89	0.65	72.87	0.24	27.13
1997	0.87	0.68	77.86	0.19	22.14
1998	0.91	0.72	79.72	0.18	20.28
1999	0.86	0.69	79.61	0.18	20.39
2000	0.88	0.69	77.90	0.19	22.10
2001	0.83	0.65	78.41	0.18	21.59
2002	0.91	0.67	73.51	0.24	26.49
2003	0.94	0.68	72.73	0.26	27.27
2004	1.00	0.74	73.88	0.26	26.12
2005	0.91	0.74	80.70	0.18	19.30
2006	1.02	0.75	72.99	0.28	27.01
2007	1.07	0.745	69.61	0.33	30.39
2008	1.27	0.872	68.89	0.39	31.11
2009	1.13	0.901	79.44	0.23	20.56
2010	1.17	0.909	77.63	0.26	22.37
2011	1.30	0.957	73.83	0.34	26.17
2012	1.32	0.897	67.86	0.42	32.14
2013	1.33	³	³	³	³
2014	1.30	0.926	71.27	0.37	28.73
2015	1.30	0.985	75.57	0.32	24.43
2016	1.38	0.953	68.85	0.43	31.15
2017	1.24	0.837	67.37	0.40	32.63
2018	³	³	³	0.36	³

¹ Prices are simple 12-month averages.² Retail prices are for Red Delicious apples and are adjusted to allow 4 percent for waste and spoilage incurred during marketing.³ Grower-retail marketing spread and percent share of retail cannot be estimated because monthly U.S. grower prices for fresh apples in 2013 were not available from the National Agricultural Statistics Service and monthly U.S. retail prices for Red Delicious apples in 2018 were not available from the Bureau of Labor Statistics.Sources: U.S. Department of Labor, Bureau of Labor Statistics; USDA, National Agricultural Statistics Service, *Agricultural Prices*; and USDA, Economic Research Service.

Table A-10--Fresh peaches: U.S. monthly average retail price, marketing spread, and grower price, 1989 to date ¹

Year	Retail value ² ----Dollars/pound----	Marketing spread		Grower price	
		Actual	Portion of retail	Actual	Portion of retail
			Percent	Dollars/pound	Percent
1989	0.78	0.55	70.57	0.23	29.43
1990	0.97	0.70	72.68	0.26	27.32
1991	0.91	0.69	76.71	0.21	23.29
1992	0.84	0.63	74.78	0.21	25.22
1993	0.89	0.67	75.21	0.22	24.79
1994	0.89	0.70	78.92	0.19	21.08
1995	1.02	0.76	74.62	0.26	25.38
1996	1.11	0.77	70.06	0.33	29.94
1997	0.98	0.74	75.21	0.24	24.79
1998	1.28	0.97	76.40	0.30	23.60
1999	1.34	1.06	78.69	0.29	21.31
2000	1.27	1.00	78.29	0.28	21.71
2001	1.40	1.09	78.02	0.31	21.98
2002	1.43	1.12	78.53	0.31	21.47
2003	1.38	1.09	78.97	0.29	21.03
2004	1.34	1.06	79.50	0.27	20.50
2005	1.49	1.13	75.89	0.36	24.11
2006	1.54	1.15	74.68	0.39	25.32
2007	1.47	1.146	77.98	0.32	22.02
2008	1.54	1.247	80.81	0.30	19.19
2009	1.53	1.172	76.43	0.36	23.57
2010	1.65	1.315	79.88	0.33	20.12
2011	1.54	1.155	74.82	0.39	25.18
2012	1.62	1.148	70.67	0.48	29.33
2013	1.57	³	³	³	³
2014	1.83	1.266	69.36	0.56	30.64
2015	1.70	1.159	68.16	0.54	31.84
2016	1.68	1.091	65.12	0.58	34.88
2017	1.90	1.211	63.79	0.69	36.21
2018	1.95	1.417	72.51	0.54	27.49

¹ Prices are simple 12-month averages.² Adjusted to allow 6 percent for waste and spoilage incurred during marketing.³ Grower-retail marketing spread and percent share of retail cannot be estimated because monthly U.S. grower prices for fresh peaches in 2013 were not available from the National Agricultural Statistics Service.Sources: U.S. Department of Labor, Bureau of Labor Statistics; USDA, National Agricultural Statistics Service, *Agricultural Prices*; and USDA, Economic Research Service.

Table A-11-- Fresh pears: U.S. monthly average retail price, marketing spread, and grower price, 1989 to date ¹

Year	Retail value ²	Marketing spread		Grower price	
		Actual	Portion of retail	Actual	Portion of retail
	----Dollars/pound----		Percent	Dollars/pound	Percent
1989	0.70	0.52	74.64	0.18	25.36
1990	0.72	0.54	74.46	0.19	25.54
1991	0.80	0.59	73.67	0.21	26.33
1992	0.78	0.60	76.00	0.19	24.00
1993	0.82	0.62	75.82	0.20	24.18
1994	0.75	0.64	85.77	0.11	14.23
1995	0.74	0.55	75.03	0.18	24.97
1996	0.87	0.65	75.27	0.22	24.73
1997	0.94	0.77	82.43	0.16	17.57
1998	0.89	0.70	78.85	0.19	21.15
1999	0.90	0.71	78.50	0.19	21.50
2000	0.94	0.78	82.87	0.16	17.13
2001	0.92	0.75	81.80	0.17	18.20
2002	0.95	0.77	80.94	0.18	20.14
2003	na	na	na	na	na
2004	na	na	na	na	na
2005	1.06	0.81	76.76	0.25	23.24
2006	1.08	0.85	78.55	0.23	21.45
2007	1.21	0.95	78.33	0.26	21.67
2008	1.26	0.99	78.27	0.28	21.73
2009	1.27	1.02	81.95	0.22	18.05
2010	1.24	0.92	75.41	0.30	24.59
2011	1.34	1.11	83.11	0.23	16.89
2012	1.19	0.84	70.75	0.35	29.25
2013	na	na	na	na	na
2014	na	na	na	0.33	na
2015	na	na	na	0.38	na
2016	1.59	1.18	74.45	0.41	25.55
2017	1.52	1.14	74.83	0.38	25.17
2018	1.50	1.14	75.84	0.36	24.16

na = not available.

¹ Prices are simple 12-month averages.² Retail prices are for Anjou pears and are adjusted to allow 5 percent for waste and spoilage incurred during marketing.Sources: U.S. Department of Labor, Bureau of Labor Statistics; USDA, National Agricultural Statistics Service, *Agricultural Prices*; and USDA, Economic Research Service.

Table A-12--Fresh grapes: U.S. monthly average retail price, marketing spread, and grower price, 1995 to date ¹

Year	Retail value ² ----Dollars/pound----	Marketing spread		Grower price	
		Actual	Portion of retail	Actual	Portion of retail
			Percent	Dollars/pound	Percent
1995	1.41	1.09	77.06	0.32	22.94
1996	1.53	1.13	73.36	0.41	26.64
1997	1.56	1.23	78.86	0.33	21.14
1998	1.45	1.14	79.00	0.30	21.00
1999	1.68	1.31	77.95	0.37	22.05
2000	1.59	1.25	78.40	0.34	21.60
2001	1.68	1.31	77.68	0.38	22.32
2002	1.72	1.34	78.22	0.37	21.78
2003	1.73	1.36	78.59	0.37	21.41
2004	1.87	1.42	75.98	0.45	24.02
2005	1.89	1.57	83.25	0.32	16.75
2006	2.04	1.45	70.96	0.59	29.04
2007	1.90	1.42	74.67	0.48	25.33
2008	2.01	1.78	88.48	0.23	11.52
2009	1.92	1.52	79.26	0.40	20.74
2010	1.98	1.72	86.90	0.26	13.10
2011	2.17	1.63	75.22	0.54	24.78
2012	2.26	1.49	65.71	0.78	34.29
2013	2.27	³	³	³	³
2014	2.40	1.62	67.29	0.79	32.71
2015	2.36	1.44	60.99	0.92	39.01
2016	2.51	1.73	68.79	0.78	31.21
2017	2.40	1.64	68.13	0.77	31.87
2018	2.35	1.64	69.86	0.71	30.14

¹ Prices are simple 12-month averages.² Retail prices are for Thompson seedless grapes and are adjusted to allow 9 percent for waste and spoilage incurred during marketing.³ Grower-retail marketing spread and percent share of retail cannot be estimated because monthly U.S. grower prices for fresh grapes in 2013 were not available from the National Agricultural Statistics Service.Sources: U.S. Department of Labor, Bureau of Labor Statistics; USDA, National Agricultural Statistics Service, *Agricultural Prices*; and USDA, Economic Research Service.

Table A-13--Fresh strawberries: U.S. monthly average retail price, marketing spread, and grower price, 1990 to date ¹

Year	Retail value ²	Marketing spread		Grower price	
		Actual	Portion of retail	Actual	Portion of retail
	----Dollars/pound----		Percent	Dollars/pound	Percent
1990	1.40	0.72	51.60	0.68	48.40
1991	1.32	0.68	51.52	0.64	48.48
1992	1.40	0.62	44.38	0.78	55.62
1993	1.37	0.71	51.71	0.66	48.29
1994	1.39	0.70	50.22	0.69	49.78
1995	1.62	0.90	55.35	0.72	44.65
1996	1.59	0.90	57.02	0.68	42.98
1997	1.66	0.88	52.75	0.79	47.25
1998	2.01	1.19	59.22	0.82	40.78
1999	2.08	1.27	61.33	0.80	38.67
2000	1.88	1.14	60.71	0.74	39.29
2001	2.29	1.39	60.59	0.90	39.41
2002	2.28	1.43	62.81	0.85	37.19
2003	2.37	1.44	60.93	0.92	39.07
2004	2.74	1.83	66.85	0.91	33.15
2005	2.59	1.76	67.85	0.83	32.15
2006	2.50	1.66	66.18	0.85	33.82
2007	2.70	1.77	65.36	0.94	34.64
2008	2.81	1.79	63.64	1.02	36.36
2009	2.57	1.61	62.61	0.96	37.39
2010	2.68	1.48	55.05	1.21	44.95
2011	2.55	1.50	59.11	1.04	40.89
2012	2.44	1.36	55.60	1.09	44.40
2013	2.48	³	³	³	³
2014	2.81	1.63	57.91	1.18	42.09
2015	2.72	1.71	62.85	1.01	37.15
2016	2.99	1.96	65.74	1.02	34.26
2017	2.87	1.82	63.39	1.05	36.61
2018	2.88	1.97	68.64	0.90	31.36

¹ Prices are simple 12-month averages.² Adjusted to allow 8 percent for waste and spoilage incurred during marketing.³ Grower-retail marketing spread and percent share of retail cannot be estimated because monthly U.S. grower prices for fresh strawberries in 2013 were not available from the National Agricultural Statistics Service.Sources: U.S. Department of Labor, Bureau of Labor Statistics; USDA, National Agricultural Statistics Service, *Agricultural Prices*; and USDA, Economic Research Service.

Table A-14--Fresh oranges: U.S. monthly average retail price, marketing spread, and grower price, 1989/90 to date¹

Year ²	Retail value ³	Marketing spread		Grower price	
		Actual	Portion of retail	Actual	Portion of retail
	---Dollars/pound---		Percent	Dollars/pound	Percent
1989/90	0.55	0.44	79.89	0.11	20.11
1990/91	0.83	0.50	60.42	0.33	39.58
1991/92	0.58	0.47	81.13	0.11	18.87
1992/93	0.56	0.44	78.74	0.12	21.26
1993/94	0.56	0.45	80.47	0.11	19.53
1994/95	0.59	0.48	80.04	0.12	19.96
1995/96	0.64	0.50	77.80	0.14	22.20
1996/97	0.60	0.48	79.90	0.12	20.10
1997/98	0.59	0.48	81.88	0.11	18.12
1998/99	0.84	0.61	71.65	0.24	28.35
1999/2000	0.64	0.56	87.99	0.08	12.01
2000/01	0.60	0.49	81.31	0.11	18.69
2001/02	0.66	0.53	80.67	0.13	19.33
2002/03	0.68	0.59	86.87	0.09	13.13
2003/04	0.77	0.62	80.13	0.15	19.87
2004/05	0.94	0.79	83.75	0.15	16.25
2005/06	1.05	0.92	88.17	0.12	11.83
2006/07	1.26	1.10	87.42	0.16	12.58
2007/08	1.08	0.96	88.63	0.12	11.37
2008/09	1.05	0.91	86.19	0.15	13.81
2009/10	1.02	0.86	84.93	0.15	15.07
2010/11	1.07	0.93	87.20	0.14	12.80
2011/12	1.02	0.87	84.77	0.16	15.23
2012/13	1.10	0.94	85.58	0.16	14.42
2013/14	1.26	1.01	80.69	0.24	19.31
2014/15	1.27	1.05	82.96	0.22	17.04
2015/16	1.22	1.03	84.48	0.19	15.52
2016/17	1.27	1.00	78.90	0.27	21.10
2017/18	1.37	1.04	76.11	0.33	23.89
2018/19	1.34	1.13	84.41	0.21	15.59

¹Prices are simple 12-month averages.²Market year is November of first year through October of second year shown.³Adjusted to allow 3 percent for waste and spoilage incurred during marketing.Sources: U.S. Department of Labor, Bureau of Labor Statistics; USDA, National Agricultural Statistics Service, *Agricultural Prices*; and USDA, Economic Research Service.

Table A-15--Fresh grapefruit: U.S. monthly average retail price, marketing spread, and grower price, 1989/90 to date¹

Year ²	Retail value ³	Marketing spread		Grower price	
		Actual	Portion of retail	Actual	Portion of retail
	----Dollars/pound----		Percent	Dollars/pound	Percent
1989/90	0.64	0.50	78.19	0.14	21.81
1990/91	0.60	0.49	81.44	0.11	18.56
1991/92	0.57	0.47	82.97	0.10	17.03
1992/93	0.53	0.46	86.42	0.07	13.58
1993/94	0.51	0.43	84.20	0.08	15.80
1994/95	0.51	0.44	86.16	0.07	13.84
1995/96	0.54	0.47	87.45	0.07	12.55
1996/97	0.56	0.49	87.32	0.07	12.68
1997/98	0.56	0.48	85.43	0.08	14.57
1998/99	0.63	0.52	83.37	0.10	16.63
1999/2000	0.60	0.52	85.95	0.08	14.05
2000/01	0.62	0.54	87.88	0.07	12.12
2001/02	0.63	0.55	87.10	0.08	12.90
2002/03	0.67	0.57	85.34	0.10	14.66
2003/04	0.74	0.67	90.35	0.07	9.65
2004/05	0.99	0.77	77.29	0.23	22.71
2005/06	1.09	0.90	82.87	0.19	17.13
2006/07	0.97	0.83	85.59	0.14	14.41
2007/08	0.94	0.83	88.13	0.11	11.87
2008/09	0.88	0.79	89.39	0.09	10.61
2009/10	0.90	0.78	86.42	0.12	13.58
2010/11	0.94	0.83	87.77	0.12	12.23
2011/12	0.99	0.85	86.09	0.14	13.91
2012/13	1.04	0.92	89.01	0.11	10.99
2013/14	1.05	0.92	87.64	0.13	12.36
2014/15	1.08	0.94	86.64	0.14	13.36
2015/16	1.10	0.91	82.82	0.19	17.18
2016/17	1.21	0.99	82.22	0.21	17.78
2017/18	1.30	1.03	78.87	0.28	21.13
2018/19	1.32	1.06	80.48	0.26	19.52

¹ Prices are simple 12-month averages.² Marketing year is September of first year through August of second year shown.³ Adjusted to allow 3 percent for waste and spoilage incurred during marketing.Sources: U.S. Department of Labor, Bureau of Labor Statistics; USDA, National Agricultural Statistics Service, *Agricultural Prices*; and USDA, Economic Research Service.

Table A-16--Fresh lemons: U.S. monthly retail price, marketing spread, and grower price, 1989/90 to date ¹

Year ²	Retail value ³	Marketing spread		Grower price	
		Actual	Portion of retail	Actual	Portion of retail
	----Dollars/pound----		Percent	Dollars/pound	Percent
1989/90	0.96	0.72	75.30	0.236	24.70
1990/91	1.03	0.78	75.17	0.256	24.83
1991/92	1.18	0.95	80.98	0.224	19.02
1992/93	0.97	0.79	81.52	0.179	18.48
1993/94	1.04	0.83	79.77	0.210	20.23
1994/95	1.06	0.83	78.38	0.230	21.62
1995/96	1.09	0.88	80.52	0.212	19.48
1996/97	1.07	0.83	77.86	0.237	22.14
1997/98	1.20	0.97	80.74	0.232	19.26
1998/99	1.15	0.91	78.87	0.243	21.13
1999/2000	1.32	1.08	82.01	0.237	17.99
2000/01	1.16	0.99	85.12	0.173	14.88
2001/02	1.28	1.04	80.70	0.248	19.30
2002/03	1.33	1.12	84.40	0.208	15.60
2003/04	1.20	1.01	84.26	0.189	15.74
2004/05	1.29	1.04	80.92	0.245	19.08
2005/06	1.39	1.16	83.32	0.232	16.68
2006/07	1.68	1.26	75.12	0.417	24.88
2007/08	1.91	1.31	68.82	0.596	31.18
2008/09	1.60	1.37	85.48	0.233	14.52
2009/10	1.55	1.23	79.77	0.313	20.23
2010/11	1.55	1.31	84.34	0.242	15.66
2011/12	1.50	1.25	82.93	0.257	17.07
2012/13	1.48	1.24	83.88	0.239	16.12
2013/14	1.68	1.26	74.78	0.425	25.22
2014/15	1.96	1.47	75.37	0.482	24.63
2015/16	1.96	1.51	76.92	0.453	23.08
2016/17	1.93	1.47	76.35	0.456	23.65
2017/18	1.99	1.55	78.18	0.434	21.82
2018/19	2.23	1.82	81.97	0.401	18.03

¹ Prices are simple 12-month averages.² Marketing year is August of first year through July of second year shown.³ Adjusted to allow 4 percent for waste and spoilage incurred during marketing.Sources: U.S. Department of Labor, Bureau of Labor Statistics; USDA, National Agricultural Statistics Service, *Agricultural Prices*; and USDA, Economic Research Service.

Table A-17--Utilized production of selected fruit and tree nuts in the United States, by State, 2018--Continued

State	Oranges	Grapefruit	Lemons	Tangerines & mandarins ¹	Total citrus fruit	Apples	Apricots	Avocados	Bananas	Blackberries	Blueberries	Boysenberries
<i>1,000 tons fresh equivalent</i>												
Alabama	-	-	-	-	-	-	-	-	-	-	-	-
Arizona	²	²	40.0	²	40	-	-	-	-	-	-	-
Arkansas	-	-	-	-	-	-	-	-	-	-	-	-
California	1,768.0	152.0	848.0	768.0	3,536	122.5	31.6	169.1	-	-	31.7	-
Colorado	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut	-	-	-	-	-	²	-	-	-	-	-	-
Florida	2,027.3	164.9	-	35.6	2,228	-	-	13.6	-	-	10.2	-
Georgia	-	-	-	-	-	-	-	-	-	-	26.7	-
Hawaii ³	-	-	-	-	-	-	-	0.8	²	-	-	-
Idaho	-	-	-	-	-	²	-	-	-	-	-	-
Illinois	-	-	-	-	-	²	-	-	-	-	-	-
Indiana	-	-	-	-	-	-	-	-	-	-	-	-
Iowa	-	-	-	-	-	-	-	-	-	-	-	-
Kansas	-	-	-	-	-	-	-	-	-	-	-	-
Kentucky	-	-	-	-	-	-	-	-	-	-	-	-
Louisiana	-	-	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	²	-	-	-	-	25.2	-
Maryland	-	-	-	-	-	²	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	²	-	-	-	-	-	-
Michigan	-	-	-	-	-	524.5	-	-	-	-	35.0	-
Minnesota	-	-	-	-	-	²	-	-	-	-	-	-
Mississippi	-	-	-	-	-	-	-	-	-	-	²	-
Missouri	-	-	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-
New Jersey	-	-	-	-	-	²	-	-	-	-	22.0	-
New Mexico	-	-	-	-	-	-	-	-	-	-	-	-
New York	-	-	-	-	-	688.4	-	-	-	-	²	-
North Carolina	-	-	-	-	-	²	-	-	-	-	16.7	-
Ohio	-	-	-	-	-	²	-	-	-	-	-	-
Oklahoma	-	-	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	-	84.5	-	-	-	²	67.4	²
Pennsylvania	-	-	-	-	-	242.1	-	-	-	-	-	-
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	-
South Carolina	-	-	-	-	-	-	-	-	-	-	-	-
Tennessee	-	-	-	-	-	-	-	-	-	-	-	-
Texas	79.9	192.0	-	-	272	-	-	-	-	-	-	-
Utah	-	-	-	-	-	-	²	-	-	-	-	-
Vermont	-	-	-	-	-	²	-	-	-	-	-	-
Virginia	-	-	-	-	-	101.0	-	-	-	-	-	-
Washington	-	-	-	-	-	3,182.5	7.8	-	-	-	68.1	-
West Virginia	-	-	-	-	-	²	-	-	-	-	-	-
Wisconsin	-	-	-	-	-	²	-	-	-	-	-	-
United States	3,875.0	509.0	888.0	804.0	6,076	4,945.4	39.4	183.5	²	²	303.0	²

--Continued

Table A-17--Utilized production of selected fruit and tree nuts in the United States, by State, 2018--Continued

State	Raspberries	Sweet cherries	Tart cherries	Cranberries	Dates	Figs	Grapes	Kiwifruit	Nectarines	Olives	Papayas	Peaches
<i>1,000 tons fresh equivalent</i>												
Alabama	-	-	-	-	-	-	-	-	-	-	-	2
Arizona	-	-	-	-	10.9	-	-	-	-	-	-	-
Arkansas	-	-	-	-	-	-	2	-	-	-	-	-
California	71.1	44.2	-	-	29.1	2	7,130.0	37.8	119.7	52.9	-	475.9
Colorado	-	-	-	-	-	-	-	-	-	-	-	14.6
Connecticut	-	-	-	-	-	-	-	-	-	-	-	-
Florida	-	-	-	-	-	-	-	-	-	-	-	-
Georgia	-	-	-	-	-	-	2	-	-	-	-	23.4
Hawaii ³	-	-	-	-	-	-	-	-	-	-	10.3	-
Idaho	-	2	-	-	-	-	-	-	-	-	-	2
Illinois	-	-	-	-	-	-	-	-	-	-	-	2
Indiana	-	-	-	-	-	-	-	-	-	-	-	-
Iowa	-	-	-	-	-	-	-	-	-	-	-	-
Kansas	-	-	-	-	-	-	-	-	-	-	-	-
Kentucky	-	-	-	-	-	-	-	-	-	-	-	-
Louisiana	-	-	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-	-	-
Maryland	-	-	-	-	-	-	-	-	-	-	-	2
Massachusetts	-	-	-	112.2	-	-	-	-	-	-	-	-
Michigan	-	2	99.1	-	-	-	2	-	-	-	-	11.9
Minnesota	-	-	-	-	-	-	-	-	-	-	-	-
Mississippi	-	-	-	-	-	-	-	-	-	-	-	-
Missouri	-	-	-	-	-	-	2	-	-	-	-	2
Montana	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-
New Jersey	-	-	-	25.4	-	-	-	-	-	-	-	23.0
New Mexico	-	-	-	-	-	-	-	-	-	-	-	-
New York	-	2	D	-	-	-	2	-	-	-	-	2
North Carolina	-	-	-	-	-	-	2	-	-	-	-	2
Ohio	-	-	-	-	-	-	2	-	-	-	-	2
Oklahoma	-	-	-	-	-	-	-	-	-	-	-	-
Oregon	2	54.1	-	28.8	-	-	2	-	-	-	-	-
Pennsylvania	-	-	-	-	-	-	2	-	-	-	-	17.0
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	-
South Carolina	-	-	-	-	-	-	-	-	-	-	-	59.2
Tennessee	-	-	-	-	-	-	-	-	-	-	-	-
Texas	-	-	-	-	-	-	2	-	-	-	-	2
Utah	-	2	20.5	-	-	-	-	-	-	-	-	2
Vermont	-	-	-	-	-	-	-	-	-	-	-	-
Virginia	-	-	-	-	-	-	2	-	-	-	-	2
Washington	37.5	243.8	D	2	-	-	466.0	-	2	-	-	13.1
West Virginia	-	-	-	-	-	-	-	-	-	-	-	2
Wisconsin	-	-	5.0	275.9	-	-	-	-	-	-	-	-
United States	108.7	342.1	144.4	442.3	40.0	2	7,596.0	37.8	119.7	52.9	10.3	638.0

--Continued

Table A-17--Utilized production of selected fruit and tree nuts in the United States, by State, 2018--Continued

State	Pears	Prunes & Plums	Strawberries	Total noncitrus fruit	(in-shell) Almonds	Hazelnuts	Macadamia	Pecans	Pistachios	Walnuts	Total tree nuts	Total fruit & tree nuts	Share of U.S. fruit & tree nuts
	1,000 tons fresh equivalent				1,000 Tons in-shell equivalent								Percent
Alabama	-	-	-	-	-	-	-	0.8	-	-	0.8	0.8	0.0
Arizona	-	-	-	10.9	-	-	-	14.0	-	-	14.0	64.9	0.2
Arkansas	-	-	-	-	-	-	-	-	-	-	-	-	0.0
California	161.0	378.6	1,288.8	10,144.0	1,839.9	-	-	1.9	493.5	676.0	3,011.3	16,691.2	62.1
Colorado	-	-	-	14.6	-	-	-	-	-	-	-	14.6	0.1
Connecticut	-	-	-	-	-	-	-	-	-	-	-	-	0.0
Florida	-	-	122.5	146.3	-	-	-	-	-	-	-	2,374.1	8.8
Georgia	-	-	-	50.1	-	-	-	35.0	-	-	35.0	85.1	0.3
Hawaii ³	-	-	-	11.1	-	-	17.7	-	-	-	17.7	42.0	0.2
Idaho	-	-	-	-	-	-	-	-	-	-	-	-	0.0
Illinois	-	-	-	-	-	-	-	-	-	-	-	-	0.0
Indiana	-	-	-	-	-	-	-	-	-	-	-	-	0.0
Iowa	-	-	-	-	-	-	-	-	-	-	-	-	0.0
Kansas	-	-	-	-	-	-	-	-	-	-	-	-	0.0
Kentucky	-	-	-	-	-	-	-	-	-	-	-	-	0.0
Louisiana	-	-	-	-	-	-	-	3.0	-	-	3.0	3.0	0.0
Maine	-	-	-	25.2	-	-	-	-	-	-	-	25.2	0.1
Maryland	-	-	-	-	-	-	-	-	-	-	-	-	0.0
Massachusetts	-	-	-	112.2	-	-	-	-	-	-	-	112.2	0.4
Michigan	-	-	-	670.6	-	-	-	-	-	-	-	670.6	2.5
Minnesota	-	-	-	-	-	-	-	-	-	-	-	-	0.0
Mississippi	-	-	-	-	-	-	-	2	-	-	-	-	0.0
Missouri	-	-	-	-	-	-	-	2	-	-	-	-	0.0
Montana	-	-	-	-	-	-	-	-	-	-	-	-	0.0
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-	0.0
New Jersey	-	-	-	70.4	-	-	-	-	-	-	-	70.4	0.3
New Mexico	-	-	-	-	-	-	-	45.6	-	-	45.6	45.6	0.2
New York	-	-	1.5	689.9	-	-	-	-	-	-	-	689.9	2.6
North Carolina	-	-	6.3	23.0	-	-	-	-	-	-	-	23.0	0.1
Ohio	-	-	-	-	-	-	-	-	-	-	-	-	0.0
Oklahoma	-	-	-	-	-	-	-	4.5	-	-	4.5	4.5	0.0
Oregon	245.3	-	5.5	485.5	-	51.0	-	-	-	-	51.0	536.5	2.0
Pennsylvania	-	-	-	259.0	-	-	-	-	-	-	-	259.0	1.0
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	-	0.0
South Carolina	-	-	-	59.2	-	-	-	-	-	-	-	59.2	0.2
Tennessee	-	-	-	-	-	-	-	-	-	-	-	-	0.0
Texas	-	-	-	-	-	-	-	16.8	-	-	16.8	288.7	1.1
Utah	-	-	-	20.5	-	-	-	-	-	-	-	20.5	0.1
Vermont	-	-	-	-	-	-	-	-	-	-	-	-	0.0
Virginia	-	-	-	101.0	-	-	-	-	-	-	-	101.0	0.4
Washington	394.0	-	4.3	4,417.0	-	-	-	-	-	-	-	4,417.0	16.4
West Virginia	-	-	-	-	-	-	-	-	-	-	-	-	0.0
Wisconsin	-	-	-	280.9	-	-	-	-	-	-	-	280.9	1.0
United States	800.3	378.6	1,427.5	17,617.9	1,839.9	51.0	17.7	121.5	493.5	676.0	3,199.6	26,893.4	99.9

- = not available. D=Withheld to avoid disclosing data for individual operations.

¹ Includes tangelos and tangors. Includes only Fallglo, Sunburst, and Honey varieties, Temples and tangelos in Florida.² Estimates discontinued.³ Total for the State includes coffee utilized production.Source: USDA, National Agricultural Statistics Service, *Citrus Fruits 2019 Summary* and *Noncitrus Fruit and Nuts 2018 Summary*.

Table A-18--Value of production for selected fruit and tree nuts in the United States, by State, 2018--Continued

State	Oranges	Grapefruit ¹	Lemons	Tangerines & mandarins ²	Total citrus fruit	Apples	Apricots	Avocados	Bananas	Blackberries	Blueberries	Boysenberries
<i>1,000 dollars</i>												
Alabama	-	-	-	-	-	-	-	-	-	-	-	-
Arizona	-	-	34,197	-	34,197	-	-	-	-	-	-	-
Arkansas	-	-	-	-	-	-	-	-	-	-	-	-
California	1,093,052	69,690	681,564	556,024	2,400,330	71,000	31,570	383,485	-	-	139,755	-
Colorado	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut	-	-	-	-	-	3	-	-	-	-	-	-
Florida	701,855	73,200	-	19,952	795,007	-	-	15,278	-	-	60,404	-
Georgia	-	-	-	-	-	-	-	-	-	-	87,258	-
Hawaii ⁴	-	-	-	-	-	-	-	1,591	3	-	-	-
Idaho	-	-	-	-	-	3	-	-	-	-	-	-
Illinois	-	-	-	-	-	3	-	-	-	-	-	-
Indiana	-	-	-	-	-	-	-	-	-	-	-	-
Iowa	-	-	-	-	-	-	-	-	-	-	-	-
Kansas	-	-	-	-	-	-	-	-	-	-	-	-
Kentucky	-	-	-	-	-	-	-	-	-	-	-	-
Louisiana	-	-	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	3	-	-	-	-	23,155	-
Maryland	-	-	-	-	-	3	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	3	-	-	-	-	-	-
Michigan	-	-	-	-	-	294,420	-	-	-	-	70,226	-
Minnesota	-	-	-	-	-	3	-	-	-	-	-	-
Mississippi	-	-	-	-	-	-	-	-	-	-	3	-
Missouri	-	-	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-
New Jersey	-	-	-	-	-	3	-	-	-	-	62,441	-
New Mexico	-	-	-	-	-	-	-	-	-	-	-	-
New York	-	-	-	-	-	262,345	-	-	-	-	3	-
North Carolina	-	-	-	-	-	3	-	-	-	-	57,304	-
Ohio	-	-	-	-	-	3	-	-	-	-	-	-
Oklahoma	-	-	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	-	55,180	-	-	-	3	180,730	3
Pennsylvania	-	-	-	-	-	107,637	-	-	-	-	-	-
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	-
South Carolina	-	-	-	-	-	-	-	-	-	-	-	-
Tennessee	-	-	-	-	-	-	-	-	-	-	-	-
Texas	35,538	65,080	-	-	100,618	-	-	-	-	-	-	-
Utah	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	3	-	-	-	-	-	-
Virginia	-	-	-	-	-	37,256	-	-	-	-	-	-
Washington	-	-	-	-	-	2,185,875	7,800	-	-	-	139,177	-
West Virginia	-	-	-	-	-	3	-	-	-	-	-	-
Wisconsin	-	-	-	-	-	3	-	-	-	-	-	-
United States	1,830,445	207,970	715,761	575,976	3,330,152	3,013,713	39,370	400,354	3	3	797,295	3

--Continued

Table A-18--Value of production for selected fruit and tree nuts in the United States, by State, 2018--Continued

State	Raspberries	Sweet cherries	Tart cherries	Cranberries	Dates	Figs	Grapes	Kiwi fruit	Nectarines	Olives	Papayas	Peaches
----- 1,000 dollars -----												
Alabama	-	-	-	-	-	-	-	-	-	-	-	3
Arizona	-	-	-	-	66,066	-	-	-	-	-	-	-
Arkansas	-	-	-	-	-	-	-	-	-	-	-	-
California	331,088	140,395	-	-	86,109	3	6,254,211	32,886	104,626	40,523	-	304,213
Colorado	-	-	-	-	-	-	-	-	-	-	-	28,140
Connecticut	-	-	-	-	-	-	-	-	-	-	-	-
Florida	-	-	-	-	-	-	-	-	-	-	-	-
Georgia	-	-	-	-	-	-	-	-	-	-	-	23,868
Hawaii ⁴	-	-	-	-	-	-	-	-	-	-	5,702	-
Idaho	-	-	-	-	-	-	-	-	-	-	-	3
Illinois	-	-	-	-	-	-	-	-	-	-	-	3
Indiana	-	-	-	-	-	-	-	-	-	-	-	-
Iowa	-	-	-	-	-	-	-	-	-	-	-	-
Kansas	-	-	-	-	-	-	-	-	-	-	-	-
Kentucky	-	-	-	-	-	-	-	-	-	-	-	-
Louisiana	-	-	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-	-	-
Maryland	-	-	-	-	-	-	-	-	-	-	-	3
Massachusetts	-	-	-	49,956	-	-	-	-	-	-	-	-
Michigan	-	3	37,936	-	-	-	3	-	-	-	-	12,642
Minnesota	-	-	-	-	-	-	-	-	-	-	-	-
Mississippi	-	-	-	-	-	-	-	-	-	-	-	-
Missouri	-	-	-	-	-	-	3	-	-	-	-	3
Montana	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-
New Jersey	-	-	-	15,792	-	-	-	-	-	-	-	41,048
New Mexico	-	-	-	-	-	-	-	-	-	-	-	-
New York	-	-	D	-	-	-	3	-	-	-	-	3
North Carolina	-	-	-	-	-	-	3	-	-	-	-	3
Ohio	-	-	-	-	-	-	3	-	-	-	-	3
Oklahoma	-	-	-	-	-	-	-	-	-	-	-	-
Oregon	3	70,835	-	14,028	-	-	3	-	-	-	-	-
Pennsylvania	-	-	-	-	-	-	3	-	-	-	-	20,670
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	-
South Carolina	-	-	-	-	-	-	-	-	-	-	-	17,546
Tennessee	-	-	-	-	-	-	-	-	-	-	-	-
Texas	-	-	-	-	-	-	3	-	-	-	-	3
Utah	-	-	9,102	-	-	-	-	-	-	-	-	3
Vermont	-	-	-	-	-	-	-	-	-	-	-	-
Virginia	-	-	-	-	-	-	3	-	-	-	-	3
Washington	35,913	426,470	D	3	-	-	360,910	-	3	-	-	9,099
West Virginia	-	-	-	-	-	-	-	-	-	-	-	3
Wisconsin	-	-	1,928	142,664	-	-	-	-	-	-	-	-
United States	367,001	637,700	56,635	222,440	152,175	3	6,615,121	32,886	104,626	40,523	5,702	511,226

--Continued

Table A-18--Value of production for selected fruit and tree nuts in the United States, by State, 2018--Continued

	Prunes & Plums			Total							Total	Total fruit	Share of U.S.
State	Pears	Plums	Strawberries	noncitrus fruit	Almonds	Hazelnuts	Macadamia	Pecans	Pistachios	Walnuts	tree nuts	& tree nuts	fruit & tree nuts
	1,000 dollars												Percent
Alabama	-	-	-	-	-	-	-	2,366	-	-	2,366	2,366	0.0
Arizona	-	-	-	66,066	-	-	-	52,173	-	-	52,173	152,436	0.5
Arkansas	-	-	-	-	-	-	-	-	-	-	-	-	0.0
California	77,344	287,402	2,340,315	10,624,922	5,468,040	-	-	7,400	2,615,550	878,800	8,969,790	21,995,042	75.0
Colorado	-	-	-	28,140	-	-	-	-	-	-	-	28,140	0.0
Connecticut	-	-	-	-	-	-	-	-	-	-	-	-	0.0
Florida	-	-	281,750	357,432	-	-	-	-	-	-	-	1,152,439	3.9
Georgia	-	-	-	111,126	-	-	-	113,400	-	-	113,400	224,526	0.8
Hawaii ⁴	-	-	-	7,293	-	-	42,007	-	-	-	42,007	99,460	0.3
Idaho	-	-	-	-	-	-	-	-	-	-	-	-	0.0
Illinois	-	-	-	-	-	-	-	-	-	-	-	-	0.0
Indiana	-	-	-	-	-	-	-	-	-	-	-	-	0.0
Iowa	-	-	-	-	-	-	-	-	-	-	-	-	0.0
Kansas	-	-	-	-	-	-	-	-	-	-	-	-	0.0
Kentucky	-	-	-	-	-	-	-	-	-	-	-	-	0.0
Louisiana	-	-	-	-	-	-	-	5,954	-	-	5,954	5,954	0.0
Maine	-	-	-	23,155	-	-	-	-	-	-	-	23,155	0.1
Maryland	-	-	-	-	-	-	-	-	-	-	-	-	0.0
Massachusetts	-	-	-	49,956	-	-	-	-	-	-	-	49,956	0.2
Michigan	-	-	-	415,224	-	-	-	-	-	-	-	415,224	1.4
Minnesota	-	-	-	-	-	-	-	-	-	-	-	-	0.0
Mississippi	-	-	-	-	-	-	-	-	-	-	-	-	0.0
Missouri	-	-	-	-	-	-	-	-	-	-	-	-	0.0
Montana	-	-	-	-	-	-	-	-	-	-	-	-	0.0
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-	0.0
New Jersey	-	-	-	119,281	-	-	-	-	-	-	-	119,281	0.4
New Mexico	-	-	-	-	-	-	-	173,090	-	-	173,090	173,090	0.6
New York	-	-	6,229	268,574	-	-	-	-	-	-	-	268,574	0.9
North Carolina	-	-	21,375	78,679	-	-	-	-	-	-	-	78,679	0.3
Ohio	-	-	-	-	-	-	-	-	-	-	-	-	0.0
Oklahoma	-	-	-	-	-	-	-	14,884	-	-	14,884	14,884	0.1
Oregon	140,966	-	11,687	473,426	-	91,800	-	-	-	-	91,800	565,226	1.9
Pennsylvania	-	-	-	128,307	-	-	-	-	-	-	-	128,307	0.4
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	-	0.0
South Carolina	-	-	-	17,546	-	-	-	-	-	-	-	17,546	0.1
Tennessee	-	-	-	-	-	-	-	-	-	-	-	-	0.0
Texas	-	-	-	-	-	-	-	56,064	-	-	56,064	156,682	0.5
Utah	-	-	-	9,102	-	-	-	-	-	-	-	9,102	0.0
Vermont	-	-	-	-	-	-	-	-	-	-	-	-	0.0
Virginia	-	-	-	37,256	-	-	-	-	-	-	-	37,256	0.1
Washington	210,630	-	9,167	3,385,041	-	-	-	-	-	-	-	3,385,041	11.5
West Virginia	-	-	-	-	-	-	-	-	-	-	-	-	0.0
Wisconsin	-	-	-	144,592	-	-	-	-	-	-	-	144,592	0.5
United States	428,940	287,402	2,670,523	16,466,042	5,468,040	91,800	42,007	425,331	2,615,550	878,800	9,521,528	29,317,722	99.8

- = not available. D=Withheld to avoid disclosing data for individual operations.

¹ Includes pummelos in California.² Includes tangelos and tangors. Includes only Fallglo, Sunburst, and Honey varieties, Temples and tangelos in Florida.³ Estimates discontinued.⁴ Total value for the State includes the value of coffee production.Source: USDA, NASS, *Citrus Fruits 2018 Summary* and *Noncitrus Fruit and Nuts 2018 Summary*.

Table B-1--Utilization of noncitrus fruit production and value, United States, 1980 to date ¹

Year	Utilized production ²	Fresh	Processed ³						Value of utilized production
			Canned	Dried	Juice	Frozen	Wine	Other	
----- 1,000 short tons (fresh equivalent) -----									\$1,000
1980	15,153	5,010	2,747	2,408	1,418	251	2,996	322	3,491,419
1981	12,961	4,709	2,263	1,722	1,235	231	2,522	280	3,586,740
1982	14,216	5,127	2,036	2,155	1,255	227	3,227	188	3,445,555
1983	13,721	4,803	2,110	2,481	1,460	185	2,423	259	3,188,836
1984	13,806	4,972	2,259	2,060	1,336	245	2,695	239	3,281,650
1985	13,682	4,749	2,119	2,192	1,226	263	2,921	212	3,380,152
1986	13,365	4,896	2,211	1,668	1,135	286	2,909	259	3,699,956
1987	16,012	5,943	2,369	2,367	1,893	475	2,647	317	4,420,956
1988	15,911	5,909	2,375	2,546	1,415	459	2,983	224	5,102,962
1989	16,345	6,104	2,266	2,857	1,580	479	2,869	190	5,279,382
1990	15,640	6,093	2,244	2,440	1,448	506	2,717	192	5,525,279
1991	15,740	6,215	2,119	2,417	1,583	501	2,739	167	6,021,210
1992	17,124	6,317	2,386	2,369	1,743	584	3,256	261	6,036,615
1993	16,554	6,391	2,042	2,339	1,749	627	3,029	181	6,130,121
1994	17,339	6,710	2,090	2,816	1,886	665	2,711	228	6,268,533
1995	16,348	6,285	1,753	2,400	1,857	647	2,992	205	6,815,962
1996	16,103	6,313	1,873	2,275	1,582	604	3,043	180	7,265,788
1997	18,400	6,642	2,130	2,660	1,666	699	4,035	293	8,189,821
1998	16,552	6,514	1,845	1,911	1,786	711	3,315	198	7,251,032
1999	17,347	6,691	1,986	2,154	1,887	717	3,351	244	8,077,404
2000	18,854	7,015	1,812	3,023	1,712	691	4,130	191	7,883,036
2001	16,740	6,488	1,859	2,290	1,462	665	3,568	169	7,918,636
2002	17,122	6,549	1,727	2,582	1,251	591	3,999	138	8,137,640
2003	16,848	6,672	1,762	2,293	1,295	716	3,582	219	8,434,610
2004	16,823	7,168	1,710	1,425	1,418	685	3,819	290	8,553,060
2005	18,272	7,188	1,575	2,101	1,555	712	4,551	277	9,805,757
2006	16,816	6,930	1,400	2,219	1,256	710	3,726	235	10,510,417
2007	17,048	7,013	1,453	2,030	1,277	748	3,921	278	11,436,449
2008	17,558	7,203	1,406	2,413	1,228	682	3,944	289	11,547,473
2009	18,021	7,514	1,394	2,148	1,235	742	4,373	269	12,232,459
2010	17,835	7,414	1,386	2,318	1,103	706	4,271	298	12,751,568
2011	18,111	7,666	1,301	2,399	1,153	737	4,155	316	13,886,156
2012 ⁴	17,635	7,443	1,100	2,091	1,213	707	4,707	374	15,611,441
2013	19,433	7,824	1,396	2,321	1,636	896	5,068	406	16,220,440
2014	19,151	8,291	1,221	2,194	1,638	897	4,526	459	16,410,049
2015	18,334	7,695	1,258	2,323	1,397	877	4,255	530	16,602,493
2016	18,598	7,916	1,232	1,858	1,547	898	4,668	479	17,571,574
2017	18,313	7,909	1,186	1,778	1,498	746	4,663	534	18,032,949
2018	17,618	⁵	⁵	⁵	⁵	⁵	⁵	⁵	16,466,042

na = not available.

¹ Includes apples, apricots, avocados, bananas, berries (beginning 1992), cherries (sweet and tart), cranberries, dates, figs, grapes, guavas (beginning 1989), kiwifruit, nectarines, olives, papayas, peaches, pears, pineapples, pomegranates (discontinued after 1989), plums, prunes, and strawberries (beginning 1987).² Cranberry quantity included in utilized production and value, excluded from fresh and processed breakdown. ³ Processed strawberries are included in frozen.⁴ In 2012, the total value of utilized production excludes avocados, bananas, figs, guavas, and papayas.⁵ Estimates discontinued in 2018.Source: USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table B-2--Fruit, frozen: Commercial pack, United States, 1980 to 2006

Year	Apples	Apricots	Cherries		Grapes and pulp	Peaches	Plums and prunes	Purees, noncitrus ¹
			Tart	Sweet				
----- 1,000 pounds -----								
1980	69,109	10,409	129,009	10,776	2,178	56,274	6,195	8,913
1981	105,893	13,606	85,848	14,209	2,901	59,612	4,348	16,128
1982	100,378	16,766	²	17,206	8,442	56,714	5,631	20,268
1983	75,576	14,077	²	17,303	10,006	56,454	2,646	16,169
1984	77,996	16,565	²	13,282	³	75,877	3,436	15,645
1985	85,481	11,770	²	10,262	4,715	80,990	4,400	24,655
1986	111,133	14,308	²	14,404	³	100,730	4,354	29,424
1987	122,399	22,227	²	21,332	³	105,764	657	39,749
1988	117,076	14,675	²	18,482	³	110,286	507	24,707
1989	123,260	17,564	²	14,010	³	99,217	753	28,686
1990	125,540	16,512	²	13,695	³	111,203	986	42,452
1991	149,423	15,626	108,400	14,555	³	100,157	901	41,875
1992	115,525	21,237	192,800	20,095	³	99,010	1,229	52,315
1993	93,016	17,901	139,900	16,037	³	94,381	870	63,928
1994	91,709	18,192	164,600	18,480	³	102,073	1,181	63,122
1995	113,278	10,046	173,300	27,032	³	89,743	1,042	71,862
1996	114,332	17,759	164,100	14,945	³	109,598	1,736	78,457
1997	119,180	24,267	160,900	24,515	³	124,220	789	85,333
1998	124,866	20,929	182,800	21,628	³	110,491	1,518	100,239
1999	111,944	18,492	132,900	13,640	³	123,942	986	85,535
2000	141,820	22,786	144,300 ⁵	15,901	³	148,083 ⁵	1,331	74,663
2001	146,145	30,638	176,800 ⁵	13,101	³	131,694 ⁵	1,380	58,924
2002	115,020 ⁵	20,591	28,900 ⁵	15,974	³	135,884 ⁵	680	36,052
2003	169,080 ⁵	14,767	148,700 ⁵	48,884	³	136,204 ⁵	1,732	31,359
2004 ⁴	153,480 ⁵	13,022	150,100 ⁵	51,342	³	123,378 ⁵	1,359	31,253
2005 ⁴	155,640 ⁵	⁶	187,900 ⁵	43,620	³	118,122 ⁵	549 ⁵	32,888
2006 ⁴	145,080 ⁵	⁶	157,800 ⁵	67,611	³	112,263 ⁵	2,745 ⁵	31,833
							Other fruit and berries ⁷	
Blackberries		Blueberries	Boysenberries	Loganberries	Raspberries	Strawberries		Total
--1,000 pounds--								
1980	20,874	36,426	4,678	1,905	21,426	253,072	22,158	653,402
1981	16,997	50,141	3,627	1,552	26,179	210,558	17,324	628,923
1982	16,283	46,464	5,101	1,665	26,717	272,676	20,004	614,315
1983	14,581	43,528	3,549	2,223	19,855	292,662	5,640	574,269
1984	11,130	54,835	3,524	1,018	19,659	231,414	37,839	562,220
1985	12,681	54,506	2,561	775	14,784	229,152	16,148	552,880
1986	12,955	77,754	5,493	1,133	15,323	237,604	22,960	647,575
1987	21,027	69,153	5,234	1,016	26,471	334,406	80,727	850,162
1988	21,437	82,382	6,706	1,461	26,509	274,610	130,908	829,746
1989	13,765	89,274	4,936	720	29,284	238,152	145,070	804,691
1990	18,619	102,141	7,278	964	27,971	305,924	120,609	893,894
1991	13,647	98,030	5,619	1,290	25,813	330,223	105,626	1,011,185
1992	31,498	123,738	6,917	1,634	32,145	268,494	154,957	1,121,594
1993	23,118	139,059	4,437	89	25,479	365,663	136,813	1,120,691
1994	24,226	110,017	5,105	59	29,900	369,035	173,099	1,170,798
1995	26,823	118,064	3,459	³	40,109	371,138	140,140	1,186,036
1996	20,404	90,085	5,288	³	25,118	330,139	136,526	1,108,487
1997	26,272	122,767	4,983	³	27,504	328,150	110,644	1,159,524
1998	24,734	90,850	3,338	³	23,851	373,824	107,716	1,186,784
1999	23,895	96,567	4,703	³	23,324	419,768	101,907	1,157,603
2000	26,857	102,185	3,597	³	23,902	439,749	135,066	987,857
2001	22,884	98,369	3,537	³	21,736	422,371	54,799	873,884
2002	25,074	39,887	3,174	³	12,220	415,865	5,197	574,714
2003	23,938	52,750	1,808	³	30,554	444,976 ⁴	4,682	210,474
2004 ⁴	27,988	38,122	1,862	³	28,016	449,870	5,421	648,255
2005 ⁴	25,990	44,825	1,304	³	34,101	400,385	5,100	588,213
2006 ⁴	21,993	52,187	1,369	³	28,605	385,570	5,068	594,236

¹ Includes purees of apples, apricots, bananas, blackberries, black and red raspberries, boysenberries, cherries, elderberries, loganberries, nectarines,

peaches, plums, strawberries, cantaloupes, grapes, melons, blueberries, cranberries, guavas, kiwifruit, marionberries, passion fruit, prunes, pears, and

gooseberries. ² Due to lack of industry disclosure, tart cherries are included in miscellaneous fruit and berries. ³ Included in miscellaneous fruit and berries.

⁴ Data discontinued from the American Frozen Food Institute. Estimates derived by the USDA, Economic Research Service (ERS) based on data from USDA, National Agricultural Statistics Service (NASS). ⁵ Estimates from USDA, NASS. ⁶ NASS estimates on the quantity of apricots produced for freezing used by ERS

to derive the frozen pack was not reported to avoid disclosure of individual operations. ⁷ Includes cranberries, gooseberries, marionberries, melon balls, mixed fruit,

Montmorency cherries, elderberries, Morello cherries, grapes and pulp (1975 and 1984 only), pears, olallieberries, cantaloupes, crabapples, pineapples, guavas, currants, lemons, oranges, melons, kiwifruit, passion fruit, avocados, strawberry preserves, and watermelons.

Source: American Frozen Food Institute and USDA, National Agricultural Statistics Service.

Table B-3--Fruit, dried: Production (dry basis), California, 1980 to 2018

Year	Apples	Apricots	Dates ¹	Figs ²	Peaches ³	Pears ⁴	Prunes	Grapes ⁵	Total
--Short tons--									
1980	2,140	3,600	22,400	14,450	2,200	1,500	168,000	310,550	524,840
1981	1,400	3,800	22,300	12,200	2,050	1,440	159,500	258,000	460,690
1982	1,000	4,800	23,900	12,200	2,600	1,200	126,000	295,300	467,000
1983	1,000	4,100	17,000	11,050	2,000	1,080	145,000	398,500	579,730
1984	2,050	3,520	22,200	11,500	1,550	780	148,000	335,350	524,950
1985	4,700	2,000	28,900	10,400	2,050	1,310	141,000	347,940	538,300
1986	1,950	1,400	17,800	16,200	1,800	1,410	99,000	278,900	418,460
1987	2,900	2,980	19,400	16,850	1,900	1,130	229,000	357,950	632,110
1988	2,050	2,640	22,000	18,000	2,500	1,220	151,000	366,500	565,910
1989	2,850	3,900	22,000	15,500	1,700	1,140	226,000	433,200	706,290
1990	3,200	3,050	24,000	16,000	1,500	1,270	147,000	395,500	591,520
1991	d	2,600	22,000	14,600	2,400	1,550	187,000	348,000	578,150
1992	d	2,500	21,000	15,200	2,100	1,500	184,000	391,500	617,800
1993	d	2,730	29,000	19,300	1,850	1,500	121,000	388,300	563,680
1994	d	4,800	23,000	18,200	1,450	1,300	193,000	422,000	663,750
1995	d	1,480	22,700	16,800	1,550	800	181,000	309,200	533,530
1996	d	2,170	23,000	14,500	1,700	700	223,000	313,900	578,970
1997	d	1,740	21,000	18,500	1,894	800	205,000	432,800	681,734
1998	d	1,250	24,900	16,600	1,551	1,100	103,000	281,200	429,601
1999	d	--	22,200	15,100	1,849	1,010	165,000	348,300	553,459
2000	d	1,120	17,400	17,300	1,350	600	201,000	493,700	732,470
2001	d	820	19,700	13,000	1,450	500	135,000	417,100	587,570
2002	d	1,120	24,200	16,900	1,525	460	163,000	443,400	650,605
2003	d	900	18,000	15,200	1,070	610	168,000	351,900	555,680
2004	d	1,630	17,200	15,600	870	620	48,000	277,300	361,220
2005	d	1,360	17,200	15,100	1,160	400	94,000	357,500	486,720
2006	d	640	17,700	13,000	1,290	d	189,000	309,500	531,130
2007	d	1,970	16,300	14,500	1,365	d	81,000	360,000	475,135
2008	d	1,830	20,900	13,100	1,050	d	129,000	390,300	556,180
2009	d	1,090	23,700	13,300	850	d	166,000	335,500	540,440
2010	d	1,400	29,000	12,320	2,010	d	130,000	394,800	569,530
2011	d	1,810	33,300	11,560	470	d	137,000	384,300	568,440
2012	d	1,210	31,100	10,400	1,230	d	138,000	345,900	527,840
2013	d	1,080	30,500	9,300	420	d	85,000	406,100	532,400
2014	d	1,500	33,400	9,470	610	d	108,000	366,200	519,180
2015	d	1,050	39,000	8,940	880	d	110,000	388,500	548,370
2016	d	1,280	30,200	9,260	na	d	54,000	335,900	430,640
2017	d	--	--	9,100	na	d	105,000	271,300	385,400
2018	d	d	--	d	d	d	d	d	d

d = discontinued. na = not available. -- = Withheld to avoid disclosing data for individual operations. ¹ Dried weight basis equal to fresh weight, whole, pits-in basis.

² Standard and substandard. ³ Freestone only. ⁴ Bartlett only. ⁵ Raisin and table type.

Source: USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table B-4--Apples: Production, utilization, and season-average grower price, United States, 1980 to date ¹

Year	Production		Utilization		Grower price		
	Total ²	Utilized	Fresh	Processed	Fresh	Processed	All
----- Million pounds -----					Cents/pound	Dollars/ton	Cents/pound
1980	8,818.4	8,800.4	4,934.1	3,866.3	12.10	84.00	8.70
1981	7,739.6	7,692.9	4,442.2	3,250.7	15.40	102.00	11.10
1982	8,122.0	8,110.2	4,536.7	3,573.5	13.20	118.00	10.00
1983	8,378.5	8,357.9	4,620.5	3,737.4	14.80	104.00	10.50
1984	8,324.0	8,309.1	4,654.6	3,654.5	15.50	112.00	11.10
1985	7,914.5	7,826.8	4,221.7	3,605.1	17.30	103.00	11.70
1986	7,859.0	7,833.3	4,463.6	3,369.7	19.10	116.00	13.40
1987	10,742.1	10,451.3	5,610.1	4,841.2	12.70	79.30	8.60
1988	9,120.0	9,070.4	5,230.3	3,840.1	17.40	123.00	12.70
1989	9,916.8	9,871.4	5,822.3	4,049.1	13.90	107.00	10.40
1990	9,656.8	9,618.2	5,515.0	4,103.2	20.90	144.00	15.10
1991	9,706.7	9,636.8	5,447.0	4,189.8	25.10	171.00	17.90
1992	10,568.5	10,463.3	5,767.0	4,696.3	19.50	130.00	13.60
1993	10,685.1	10,574.3	6,124.6	4,449.7	18.40	107.00	12.90
1994	11,500.9	11,332.8	6,368.8	4,964.0	18.60	114.00	12.90
1995	10,578.4	10,383.9	5,840.2	4,543.7	24.10	159.00	17.00
1996	10,381.9	10,330.0	6,206.9	4,123.1	20.80	171.00	15.90
1997	10,323.8	10,254.3	5,814.5	4,439.8	22.10	130.00	15.40
1998	11,646.4	10,762.5	6,412.5	4,350.0	17.30	95.10	12.20
1999	10,631.6	10,447.4	5,995.7	4,451.7	21.30	128.00	15.00
2000	10,580.9	10,319.8	6,265.5	4,054.3	17.80	101.00	12.80
2001	9,423.0	9,209.2	5,467.5	3,741.7	22.90	108.00	15.80
2002	8,523.9	8,374.1	5,366.0	3,008.1	25.80	130.00	18.90
2003	8,780.1	8,692.0	5,453.3	3,238.7	26.10	131.00	18.80
2004	10,412.1	10,332.8	6,619.0	3,713.8	18.20	107.00	13.60
2005	9,666.9	9,567.2	6,096.9	3,470.3	24.20	106.00	17.30
2006	9,823.4	9,730.2	6,308.5	3,421.7	31.60	129.00	22.70
2007	9,089.4	9,045.4	6,077.3	2,968.1	38.30	190.00	28.80
2008	9,623.3	9,531.7	6,265.9	3,265.8	30.10	198.00	23.20
2009	9,687.7	9,435.6	6,296.4	3,139.2	31.40	132.00	23.10
2010	9,282.1	9,205.0	6,248.8	2,956.2	32.60	187.00	25.10
2011	9,439.6	9,328.8	6,312.9	3,015.9	39.40	226.00	30.30
2012	8,992.3	8,926.5	6,594.9	2,331.6	45.30	281.00	37.10
2013	10,523.4	10,431.7	6,918.7	3,513.0	40.50	197.00	30.20
2014	11,863.1	11,269.9	7,909.0	3,360.9	32.70	178.00	25.60
2015	10,102.5	10,022.9	6,928.1	3,094.8	44.10	201.00	33.60
2016	11,495.0	11,045.6	7,745.1	3,300.5	40.50	214.00	31.60
2017	11,553.7	11,209.9	7,815.8	3,394.1	40.70	248.00	32.10
2018	10,257.0	9,890.8	6,865.1	3,025.7	39.40	206.00	30.50

¹ Commercial crop in orchards of 100 or more bearing trees. ² Includes unharvested and harvested not sold.Source: USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table B-5--Apples, fresh: Monthly prices received by growers, United States, 1980 to date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
--Dollars/pound--												
1980	0.141	0.149	0.166	0.170	0.179	0.210	0.246	0.175	0.157	0.125	0.115	0.107
1981	0.107	0.124	0.121	0.113	0.107	0.105	0.127	0.146	0.160	0.160	0.161	0.157
1982	0.141	0.157	0.160	0.145	0.162	0.177	0.153	0.128	0.163	0.145	0.139	0.130
1983	0.110	0.122	0.120	0.113	0.119	0.111	0.120	0.160	0.159	0.149	0.146	0.140
1984	0.143	0.151	0.152	0.148	0.150	0.146	0.149	0.165	0.185	0.174	0.164	0.156
1985	0.140	0.143	0.157	0.151	0.141	0.131	0.126	0.121	0.164	0.154	0.164	0.166
1986	0.166	0.172	0.172	0.172	0.207	0.210	0.285	0.276	0.209	0.180	0.173	0.165
1987	0.183	0.190	0.180	0.191	0.224	0.246	0.255	0.152	0.148	0.121	0.113	0.104
1988	0.111	0.129	0.125	0.110	0.109	0.104	0.228	0.277	0.237	0.185	0.175	0.174
1989	0.181	0.179	0.165	0.144	0.135	0.108	0.115	0.159	0.167	0.143	0.133	0.121
1990	0.122	0.124	0.123	0.120	0.126	0.137	0.203	0.223	0.222	0.193	0.196	0.209
1991	0.201	0.205	0.203	0.202	0.225	0.232	0.246	0.232	0.264	0.238	0.251	0.257
1992	0.246	0.248	0.243	0.241	0.250	0.252	0.286	0.333	0.271	0.212	0.194	0.199
1993	0.183	0.167	0.145	0.143	0.149	0.161	0.178	0.244	0.241	0.211	0.193	0.186
1994	0.187	0.178	0.166	0.155	0.143	0.135	0.194	0.289	0.207	0.191	0.164	0.192
1995	0.195	0.183	0.182	0.166	0.154	0.156	0.179	0.244	0.262	0.253	0.238	0.244
1996	0.254	0.242	0.251	0.226	0.219	0.219	0.233	0.252	0.305	0.247	0.232	0.227
1997	0.225	0.203	0.176	0.156	0.143	0.137	0.146	0.174	0.259	0.253	0.230	0.233
1998	0.219	0.208	0.205	0.194	0.178	0.163	0.127	0.138	0.226	0.221	0.175	0.149
1999	0.158	0.150	0.153	0.141	0.133	0.127	0.124	0.184	0.232	0.235	0.233	0.237
2000	0.235	0.211	0.205	0.197	0.182	0.163	0.162	0.188	0.237	0.206	0.179	0.175
2001	0.158	0.152	0.146	0.157	0.152	0.149	0.151	0.167	0.213	0.247	0.235	0.231
2002	0.218	0.216	0.220	0.218	0.215	0.204	0.207	0.254	0.301	0.301	0.274	0.265
2003	0.255	0.247	0.231	0.230	0.216	0.204	0.208	0.346	0.252	0.249	0.274	0.250
2004	0.261	0.259	0.261	0.254	0.249	0.246	0.243	0.227	0.246	0.232	0.214	0.185
2005	0.177	0.161	0.139	0.127	0.123	0.116	0.098	0.177	0.264	0.257	0.255	0.217
2006	0.217	0.285	0.199	0.193	0.189	0.228	0.283	0.360	0.382	0.347	0.348	0.287
2007	0.286	0.285	0.284	0.284	0.294	0.292	0.305	0.340	0.403	0.379	0.403	0.350
2008	0.355	0.348	0.344	0.338	0.362	0.412	0.446	0.537	0.506	0.425	0.360	0.293
2009	0.272	0.237	0.215	0.204	0.187	0.181	0.172	0.237	0.337	0.274	0.256	0.227
2010	0.218	0.243	0.220	0.209	0.229	0.208	0.299	0.291	0.324	0.332	0.303	0.268
2011	0.251	0.238	0.268	0.269	0.277	0.278	0.358	0.634	0.421	0.431	0.344	0.302
2012	0.366	0.342	0.336	0.326	0.348	0.387	0.419	0.493	0.587	0.522	0.519	0.454
2013	0.438	0.416	0.395	na	na	na	na	na	na	na	na	na
2014	na	na	na	0.392	0.372	0.344	0.332	0.388	0.460	0.400	0.356	0.316
2015	0.317	0.294	0.280	0.261	0.245	0.207	0.190	0.306	0.438	0.413	0.427	0.444
2016	0.433	0.437	0.450	0.441	0.391	0.380	0.401	0.440	0.514	0.447	0.399	0.395
2017	0.394	0.367	0.357	0.353	0.360	0.362	0.371	0.426	0.591	0.459	0.399	0.397
2018	0.375	0.350	0.336	0.327	0.296	0.286	0.311	0.297	0.467	0.416	0.404	0.414
2019	0.415	0.397	0.389	0.395	0.392	0.380	0.389	0.402				

na = not available.

Source: USDA, National Agricultural Statistics Service, *Agricultural Prices*, various issues.

Table B-6--Apples, Red Delicious, fresh: Monthly retail prices, United States, 1980 to date¹

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
--Dollars/pound--												
1980	0.554	0.574	0.593	0.634	0.663	0.701	0.753	0.807	0.702	0.570	0.496	0.503
1981	0.512	0.504	0.525	0.529	0.531	0.546	0.577	0.662	0.630	0.565	0.582	0.617
1982	0.639	0.645	0.648	0.630	0.667	0.722	0.733	0.683	0.627	0.580	0.537	0.556
1983	0.545	0.538	0.532	0.559	0.584	0.615	0.622	0.673	0.707	0.574	0.562	0.568
1984	0.579	0.608	0.640	0.644	0.645	0.682	0.712	0.732	0.717	0.635	0.651	0.636
1985	0.654	0.676	0.677	0.695	0.710	0.723	0.721	0.705	0.671	0.639	0.665	0.675
1986	0.689	0.727	0.720	0.728	0.770	0.830	0.859	1.015	0.925	0.691	0.665	0.662
1987	na	na	0.741	0.750	0.783	0.862	0.884	0.815	0.729	0.618	0.546	0.547
1988	0.571	0.636	0.635	0.643	0.643	0.689	0.797	1.006	0.957	0.768	0.704	0.706
1989	0.729	0.749	0.741	0.697	0.697	0.692	0.682	0.740	0.719	0.649	0.590	0.573
1990	0.601	0.632	0.652	0.650	0.653	0.697	0.750	0.832	0.877	0.765	0.741	0.772
1991	0.810	0.838	0.843	0.860	0.892	0.936	0.956	0.964	0.974	0.846	0.839	0.864
1992	0.876	0.886	0.899	0.913	0.925	0.962	0.990	1.015	0.933	0.765	0.753	0.764
1993	0.810	0.817	0.802	0.802	0.815	0.835	0.854	0.904	0.939	0.850	0.798	0.778
1994	0.789	0.810	0.804	0.803	0.806	0.822	0.848	0.881	0.874	0.745	0.735	0.722
1995	0.765	0.789	0.793	0.784	0.813	0.833	0.864	0.901	0.923	0.863	0.853	0.834
1996	0.877	0.877	0.894	0.915	0.921	0.954	0.976	0.998	1.006	0.949	0.907	0.886
1997	0.907	0.912	0.914	0.895	0.912	0.914	0.918	0.935	0.933	0.881	0.864	0.897
1998	0.922	0.960	0.962	0.949	0.974	0.955	1.000	0.990	0.971	0.902	0.878	0.854
1999	0.860	0.870	0.852	0.870	0.881	0.893	0.905	0.921	0.972	0.919	0.902	0.918
2000	0.952	0.974	0.960	0.957	0.927	0.918	0.940	0.928	0.922	0.899	0.833	0.816
2001	0.808	0.830	0.845	0.834	0.848	0.890	0.892	0.898	0.874	0.894	0.915	0.893
2002	0.877	0.892	0.915	0.910	0.921	0.938	0.968	0.977	1.011	1.001	0.980	0.985
2003	0.977	0.968	0.948	0.972	0.992	0.992	1.006	1.016	1.023	0.936	0.970	0.957
2004	1.019	1.050	1.050	1.040	1.065	1.076	1.099	1.104	1.085	0.992	0.985	0.950
2005	0.966	0.974	0.920	0.869	0.915	0.974	0.965	0.977	0.967	0.940	0.955	0.971
2006	0.963	0.977	0.935	0.958	1.021	1.053	1.146	1.235	1.256	1.138	1.089	1.027
2007	1.034	1.072	1.068	1.104	1.112	1.130	1.184	1.194	1.178	1.083	1.103	1.121
2008	1.161	1.176	1.209	1.205	1.254	1.362	1.452	1.580	1.584	1.401	1.259	1.179
2009	1.233	1.191	1.195	1.202	1.147	1.183	1.193	1.217	1.212	1.129	1.163	1.114
2010	1.141	1.153	1.173	1.200	1.259	1.262	1.290	1.305	1.259	1.180	1.225	1.196
2011	1.241	1.311	1.283	1.345	1.306	1.317	1.374	1.529	1.505	1.409	1.318	1.266
2012	1.272	1.282	1.284	1.257	1.294	1.377	1.435	1.504	1.524	1.435	1.437	1.424
2013	1.350	1.433	1.393	1.330	1.406	1.382	1.412	1.428	1.406	na	1.362	1.343
2014	1.278	1.309	1.330	1.356	1.393	1.393	1.391	1.404	1.403	1.364	1.333	1.290
2015	1.345	1.350	1.265	1.245	1.301	1.357	1.408	1.435	1.429	1.396	1.369	1.396
2016	1.450	1.441	1.472	1.456	1.428	1.444	1.463	1.508	1.465	1.430	na	1.308
2017	1.247	1.200	1.246	1.260	1.293	1.335	1.354	1.347	1.347	1.315	na	na
2018	na	na	na	na	na	na	na	na	na	na	na	na
2019	na	na	na	na	na	na	na	na	na	na	na	na

¹ Data not yet available for October-December.

na = not available.

Source: U.S. Department of Labor, Bureau of Labor Statistics.

Table B-7--Apples: Processed utilization and season-average grower price, United States, 1980 to date ¹

Year	Canned		Juice and cider		Frozen		Dried		Fresh slices ²		Other ³	
	Quantity	Price	Quantity	Price	Quantity	Price	Quantity	Price	Quantity	Price	Quantity	Price
	Mil. lb	\$/short ton	Mil. lb	\$/short ton	Mil. lb	\$/short ton	Mil. lb	\$/short ton	Mil. lb	\$/short ton	Mil. lb	\$/short ton
1980	1,202.4	97.40	2,136.9	73.70	167.5	112.00	194.7	78.70	na	na	164.8	91.00
1981	1,002.4	121.00	1,798.4	87.90	172.7	160.00	190.0	77.10	na	na	87.2	109.00
1982	1,248.6	132.00	1,807.8	103.00	190.8	143.00	209.9	132.00	na	na	116.4	123.00
1983	1,204.4	117.00	1,984.7	88.90	169.6	161.00	283.3	106.00	na	na	95.4	116.00
1984	1,176.7	137.00	1,888.8	88.20	198.1	151.00	288.6	123.00	na	na	102.3	133.00
1985	1,255.4	132.00	1,839.1	74.60	194.3	139.00	242.4	132.00	na	na	73.9	117.00
1986	1,179.0	132.00	1,643.1	96.50	257.3	150.00	199.4	123.00	na	na	90.9	125.00
1987	1,305.8	118.00	2,928.8	57.80	249.1	132.00	283.8	67.70	na	na	73.7	99.90
1988	1,399.1	152.00	1,823.6	95.70	265.7	164.00	285.0	106.00	na	na	66.7	131.00
1989	1,320.4	141.00	2,068.1	78.70	321.5	158.00	282.4	95.20	na	na	56.7	134.00
1990	1,378.3	169.00	2,076.8	124.00	303.8	172.00	270.3	125.00	na	na	74.0	149.00
1991	1,311.1	173.00	2,193.6	164.00	286.4	196.00	299.2	193.00	na	na	99.5	144.00
1992	1,498.1	148.00	2,472.0	114.00	246.6	165.00	324.2	139.00	na	na	155.4	124.00
1993	1,334.8	137.00	2,382.3	81.00	281.5	163.00	366.4	110.00	na	na	85.0	119.00
1994	1,405.7	147.00	2,706.0	94.10	304.4	149.00	414.6	95.00	na	na	133.3	131.00
1995	1,291.0	157.00	2,536.0	153.00	304.9	185.00	333.7	191.00	na	na	78.1	121.00
1996	1,294.2	200.00	2,183.2	147.00	267.8	226.00	316.6	172.00	na	na	61.3	178.00
1997	1,498.8	172.00	2,145.1	92.00	349.0	185.00	267.0	107.00	na	na	179.9	159.00
1998	1,173.8	164.00	2,485.2	57.70	266.0	146.00	329.9	75.50	na	na	95.1	145.00
1999	1,318.6	155.00	2,472.8	109.00	271.3	158.00	263.2	124.00	na	na	125.8	163.00
2000	1,183.6	147.00	2,333.8	75.10	195.9	150.00	248.2	71.20	na	na	92.8	159.00
2001	1,257.2	139.00	1,944.5	83.40	248.5	139.00	221.0	84.70	na	na	70.5	153.00
2002	1,078.7	161.00	1,479.3	104.00	191.7	175.00	207.9	108.00	na	na	50.5	161.00
2003	1,235.1	154.00	1,433.5	103.00	282.8	173.00	182.2	107.00	na	na	105.1	153.00
2004	1,255.2	149.00	1,870.0	70.40	255.8	173.00	200.8	73.60	54.0	186.00	78.0	112.00
2005	1,163.8	149.00	1,694.8	67.40	259.4	134.00	191.1	59.40	97.7	229.00	63.5	160.00
2006	1,167.3	158.00	1,550.2	102.00	271.8	167.00	252.8	61.90	118.2	240.00	61.4	163.00
2007	1,091.2	184.00	1,257.3	179.00	257.7	238.00	203.7	182.00	98.3	286.00	59.9	189.00
2008	1,253.4	240.00	1,348.6	140.00	211.2	250.00	212.7	75.60	127.8	486.00	112.1	229.00
2009	1,158.2	161.00	1,389.4	91.90	236.2	154.00	161.2	53.00	138.9	325.00	55.3	163.00
2010	1,088.3	207.00	1,265.9	149.00	206.0	198.00	175.5	143.00	146.4	377.00	74.1	241.00
2011	1,123.7	230.00	1,208.4	198.00	190.5	246.00	183.5	214.00	238.4	357.00	71.0	201.00
2012	748.9	395.00	1,112.1	221.00	66.6	328.00	223.0	176.00	127.9	302.00	52.8	243.00
2013	1,311.2	222.00	1,530.9	145.00	249.3	233.00	161.0	191.00	188.5	383.00	71.6	271.00
2014	1,161.5	201.00	1,521.1	121.00	250.5	234.00	171.0	152.00	186.5	428.00	60.2	191.00
2015	1,121.1	240.00	1,341.0	135.00	187.5	243.00	179.0	186.00	186.5	409.00	⁴	⁴
2016	1,211.1	244.00	1,342.0	166.00	137.5	244.00	339.2	202.00	136.6	388.00	⁴	⁴
2017	1,161.9	289.00	1,394.8	189.00	123.0	319.00	370.0	236.00	180.0	425.00	⁴	⁴
2018	⁴	⁴	⁴	⁴	⁴	⁴	⁴	⁴	⁴	⁴	⁴	⁴

na = not available. ¹ Commercial crop. ² Estimates initiated on July 2004. In prior years, included in Other category.³ Includes vinegar, wine, and other processed utilizations not individually listed in this table.⁴ Estimates discontinued.Source: USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table B-8--Apricots: Production, utilization, and season-average grower price, United States, 1980 to date

Year	Production		Utilization		Grower price		
	Total	Utilized	Fresh	Processed	Fresh	Processed	All
	----- Short tons -----				----- Dollars/ton -----		
1980	129,000	129,000	13,130	115,870	571	261	291
1981	89,400	89,380	12,230	77,150	500	279	311
1982	118,200	118,060	10,810	107,250	522	282	324
1983	93,050	93,000	9,750	83,250	604	276	315
1984	126,750	116,700	15,400	101,300	499	281	308
1985	130,850	105,800	19,350	86,450	485	210	264
1986	54,650	54,600	10,350	44,250	971	269	403
1987	114,350	106,250	15,950	90,300	661	285	347
1988	101,600	93,500	18,200	75,300	667	282	363
1989	120,000	118,950	15,750	103,200	676	284	338
1990	122,450	120,440	23,740	96,700	591	276	340
1991	95,800	91,790	20,140	71,650	802	289	407
1992	106,400	106,300	23,200	83,100	593	286	356
1993	97,350	97,340	21,410	75,930	778	271	398
1994	153,200	140,180	26,740	113,440	546	305	349
1995	60,500	60,500	16,400	44,100	900	282	456
1996	79,300	79,290	13,490	65,800	1,170	285	444
1997	139,230	129,630	26,830	102,800	558	274	332
1998	118,490	108,080	22,880	85,200	579	259	327
1999	90,500	90,500	25,800	64,700	638	295	391
2000	96,900	87,760	26,580	61,180	573	283	369
2001	82,460	75,430	18,230	57,200	650	257	353
2002	90,040	80,030	18,290	61,740	678	268	357
2003	97,580	97,560	26,250	71,310	618	262	356
2004	101,130	92,590	23,650	68,940	672	279	378
2005	81,650	76,645	23,645	53,000	1,100	266	520
2006	44,480	44,455	13,755	30,700	1,450	314	665
2007	88,460	88,460	29,270	59,190	829	325	477
2008	81,610	77,480	25,760	51,720	918	350	532
2009	68,720	68,690	25,170	43,520	1,150	371	654
2010	66,380	66,350	23,510	42,840	1,350	368	722
2011	66,650	66,620	23,990	42,630	1,050	357	616
2012	60,800	60,770	23,130	37,640	1,140	387	673
2013	61,035	61,028	25,228	35,800	1,190	415	737
2014	64,928	64,918	25,812	39,106	1,360	462	818
2015	45,657	45,507	19,104	26,403	1,580	594	1,010
2016	64,050	63,950	28,500	35,450	1,200	653	898
2017	45,650	45,500	22,300	23,200	1,400	580	979
2018	39,550	39,370	23,870	15,500	1,540	757	1,230

Source: USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table B-9--Avocados: Production, season-average grower price, and value, by State, 1980/81 to date

Season ¹	California			Florida			United States ²		
	Production	Price	Value	Production	Price	Value	Production	Price	Value
	<i>Short tons</i>	<i>\$/short ton</i>	<i>\$ 1,000</i>	<i>Short tons</i>	<i>\$/short ton</i>	<i>\$ 1,000</i>	<i>Short tons</i>	<i>\$/short ton</i>	<i>\$ 1,000</i>
1980/81	238,000	357	84,966	30,800	529	16,293	268,800	377	101,259
1981/82	157,000	689	108,173	25,800	501	12,926	182,800	662	121,099
1982/83	202,000	460	92,920	34,700	480	16,658	236,700	463	109,578
1983/84	247,000	370	91,390	27,000	460	12,409	274,000	379	103,799
1984/85	200,000	582	116,400	29,500	390	11,496	229,500	557	127,896
1985/86	160,000	1,020	163,200	28,500	576	16,415	188,500	953	179,615
1986/87	278,000	338	93,964	24,700	412	10,176	302,700	344	104,140
1987/88	180,000	1,140	205,200	29,000	312	9,048	209,000	1,030	214,248
1988/89	165,000	1,260	207,900	27,000	436	11,772	192,600	1,140	220,110
1989/90	105,000	2,280	239,400	33,500	332	11,122	139,050	1,800	250,940
1990/91	136,000	1,410	191,760	19,600	684	13,406	156,050	1,320	205,571
1991/92	156,000	1,170	182,520	28,300	476	13,471	184,720	1,060	196,386
1992/93	284,000	400	113,600	7,200	583	4,198	291,550	405	118,120
1993/94	139,000	1,810	251,590	4,400	820	3,608	143,650	1,780	255,418
1994/95	155,000	1,480	229,894	20,000	616	12,320	175,250	1,380	242,464
1995/96	171,000	1,370	234,831	19,000	596	11,324	190,250	1,300	246,428
1996/97	167,000	1,560	260,162	23,500	528	12,408	190,700	1,430	272,784
1997/98	154,000	1,710	263,473	24,000	584	14,016	178,250	1,560	277,754
1998/99	136,000	2,400	327,002	23,000	716	16,468	159,250	2,160	343,730
1999/00	161,000	2,110	339,594	22,000	748	16,456	183,300	1,950	356,410
2000/01	213,000	1,480	315,842	26,000	584	15,184	239,320	1,400	331,397
2001/02	200,000	1,790	358,000	23,000	676	15,548	223,300	1,670	373,890
2002/03	168,000	2,170	364,560	31,000	556	17,236	199,350	1,920	382,188
2003/04	216,000	1,760	380,160	17,000	808	13,736	233,380	1,690	394,367
2004/05	151,000	1,830	276,330	28,000	516	14,448	179,370	1,620	291,244
2005/06	300,000	1,140	342,000	12,000	940	11,280	312,400	1,130	353,808
2006/07	132,000	1,890	249,480	14,000	912	12,768	146,510	1,800	262,942
2007/08	165,000	1,990	328,350	27,500	440	12,100	193,080	1,770	341,239
2008/09	88,000	2,280	200,640	27,450	480	13,176	115,950	1,850	214,546
2009/10	274,800	1,510	414,948	23,200	600	13,920	298,520	1,440	429,586
2010/11	151,500	3,040	460,560	22,500	800	18,000	174,330	2,750	479,068
2011/12	231,500	1,650	381,975	31,100	756	23,512	262,950	1,540	406,047
2012/13	na	na	na	na	na	na	na	na	na
2013/14	149,000	2,240	333,760	33,400	796	26,586	182,920	1,980	361,386
2014/15	140,000	2,170	303,800	32,500	656	21,320	172,940	1,890	326,378
2015/16	201,000	2,050	412,050	27,300	745	20,339	228,990	1,900	433,870
2016/17	113,000	3,140	351,240	24,100	798	19,080	138,050	2,720	372,254
2017/18	170,000	2,260	382,460	16,900	477	8,014	187,680	2,100	392,012
2018/19	171,000	2,270	383,485	13,900	1,120	15,278	185,770	2,180	400,354

na = not available.

¹ Season beginning November 1 to October 31 (following year) for California and June 20 to February 28 for Florida. ² Includes Hawaii beginning 1988/89.Source: USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table B-10--Bananas: Number of farms, acreage, production, price, and value, Hawaii, 1980 to date

Year	Farms	Acreage harvested	Yield per acre	Utilized production	Farm price	Value of production
	<i>Number</i>	<i>Acres</i>	<i>----- 1,000 pounds-----</i>		<i>Cents/pound</i>	<i>1,000 dollars</i>
1980	159	580	7.9	4,600	23.9	1,099
1981	152	650	9.2	6,000	25.7	1,542
1982	179	720	8.0	5,750	28.6	1,645
1983	183	860	5.2	4,470	31.2	1,395
1984	180	870	10.2	8,900	30.0	2,670
1985	178	840	9.7	8,160	30.3	2,472
1986	185	980	9.9	9,700	30.0	2,910
1987	175	1,070	10.7	11,400	29.7	3,386
1988	160	1,070	12.3	13,200	33.0	4,356
1989	150	1,000	11.9	11,900	36.5	4,344
1990	150	930	12.2	11,300	38.0	4,294
1991	145	890	12.8	11,400	41.0	4,674
1992	135	870	13.8	12,000	41.0	4,920
1993	130	830	14.1	11,700	38.0	4,446
1994	145	880	15.6	13,700	37.0	5,069
1995	170	880	14.8	13,000	40.0	5,200
1996	170	960	13.5	13,000	40.0	5,200
1997	170	950	14.4	13,700	38.0	5,206
1998	200	1,420	14.8	21,000	35.0	7,350
1999	210	1,420	17.3	24,500	35.0	8,575
2000	210	1,460	19.9	29,000	36.0	10,440
2001	200	1,490	18.8	28,000	38.0	10,640
2002	220	1,330	15.0	20,000	43.0	8,600
2003	230	1,350	16.7	22,500	41.0	9,225
2004	210	1,000	16.5	16,500	49.0	8,085
2005	190	980	21.3	20,900	43.9	9,175
2006	230	1,000	20.0	22,000	49.0	10,780
2007	240	1,300	19.7	25,600	41.0	10,496
2008	230	1,100	15.8	17,400	46.0	8,004
2009	240	1,100	16.8	18,500	55.0	10,175
2010	na	1,100	16.2	17,800	60.0	10,680
2011	na	1,000	17.4	17,400	65.0	11,310
2012	na	na	na	na	na	na
2013	na	1,250	11.6	14,500	90.0	13,050
2014	na	1,210	9.9	12,000	82.0	9,840
2015	na	1,150	8.0	9,060	91.2	8,265
2016	na	1,050	5.3	5,550	101.0	5,592
2017	na	950	7.0	6,610	91.2	6,028
2018	na	1	1	1	1	1

na = not available.

¹ Estimates discontinued in 2018.Sources: USDA, National Agricultural Statistics Service Hawaii field office, *Statistics of Hawaii Agriculture*, various issues;USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table B-11--Cherries, sweet: Production, utilization, and season-average grower price, United States, 1980 to date

Year	Production		Utilization		Grower price		
	Total	Utilized	Fresh	Processed	Fresh	Processed	All
	----- Short tons -----				----- Dollars/ton -----		
1980	173,700	168,300	86,460	81,840	723	375	554
1981	154,540	147,520	71,738	75,782	936	447	685
1982	156,600	134,610	67,610	67,000	969	427	699
1983	181,200	168,765	95,090	73,675	785	430	630
1984	181,800	164,250	90,490	73,760	799	377	609
1985	132,500	126,500	53,040	73,460	1,190	515	799
1986	137,710	136,760	68,320	68,440	1,090	552	823
1987	215,000	213,020	108,140	104,880	953	536	748
1988	186,200	184,510	87,230	97,280	1,100	509	788
1989	193,450	190,930	103,510	87,420	932	453	713
1990	156,730	132,350	70,500	61,850	1,310	424	894
1991	148,550	139,900	66,680	73,220	1,300	667	968
1992	205,000	191,650	95,020	96,630	1,200	630	915
1993	168,350	160,395	79,630	80,765	1,700	685	1,190
1994	207,100	192,720	99,270	93,450	1,480	566	1,040
1995	165,300	152,880	64,230	88,650	2,250	551	1,260
1996	154,100	151,700	80,670	71,030	2,120	730	1,470
1997	225,770	223,490	115,440	108,050	1,680	784	1,250
1998	196,900	193,910	101,960	91,950	1,520	635	1,100
1999	216,120	213,260	123,410	89,850	1,500	556	1,100
2000	207,900	205,420	120,760	84,660	1,900	536	1,340
2001	230,380	219,620	145,710	73,910	1,590	527	1,230
2002	181,355	177,305	126,595	50,710	1,940	562	1,550
2003	245,700	243,580	175,570	68,010	1,700	631	1,410
2004	283,060	279,160	185,050	94,110	2,060	597	1,570
2005	250,830	243,570	167,190	76,380	2,610	620	1,990
2006	294,160	287,520	190,770	96,750	2,130	616	1,620
2007	310,680	306,210	222,560	83,650	2,310	527	1,820
2008	248,060	240,720	175,320	65,400	3,080	518	2,390
2009	442,870	385,625	296,750	88,875	1,600	439	1,330
2010	313,220	307,630	244,340	63,290	2,800	486	2,330
2011	334,415	330,290	258,920	71,370	3,080	538	2,530
2012	424,000	418,415	332,555	85,860	2,340	761	2,020
2013	332,090	295,950	217,950	78,000	3,250	809	2,610
2014	363,640	358,910	268,010	90,900	2,630	676	2,140
2015	335,480	333,886	250,806	83,080	2,770	684	2,250
2016	350,240	343,090	257,860	85,230	2,810	570	2,250
2017	437,550	433,020	348,920	84,100	2,400	652	2,060
2018	344,400	342,070	291,060	51,010	2,080	658	1,860

Source: USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table B-12--Cherries, tart: Production, utilization, and season-average grower price, United States, 1980 to date

Year	Production		Utilization		Grower price		
	Total	Utilized	Fresh	Processed	Fresh	Processed	All
	----- Million pounds -----				----- Cents/pound -----		
1980	218.1	216.2	6.3	209.9	29.5	19.9	20.2
1981	133.2	132.8	4.0	128.8	42.7	44.5	44.5
1982	310.9	244.9	7.4	237.5	27.6	13.7	14.1
1983	154.6	153.6	5.3	148.3	48.5	46.5	46.6
1984	271.6	255.9	7.9	248.0	44.2	24.4	25.0
1985	286.2	280.2	7.6	272.6	33.4	22.1	22.4
1986	224.1	218.4	5.5	212.9	32.3	20.0	20.3
1987	359.0	286.0	9.1	276.9	23.3	7.3	7.8
1988	236.2	233.5	5.0	228.5	43.9	18.2	18.7
1989	264.1	243.0	6.7	236.3	34.4	14.0	14.5
1990	208.8	202.9	5.1	197.8	38.3	17.6	18.1
1991	189.9	189.7	3.7	186.0	45.9	46.4	46.4
1992	335.1	313.0	8.8	304.2	38.9	17.0	17.6
1993	340.4	273.6	5.3	268.3	39.9	11.6	12.1
1994	304.2	296.3	3.5	292.8	43.6	16.0	16.3
1995	395.6	311.2	2.7	308.5	44.4	5.6	5.9
1996	271.8	260.1	2.5	257.6	48.1	15.7	16.1
1997	292.9	283.3	2.6	280.7	56.3	15.5	15.9
1998	348.1	305.6	2.3	303.3	49.4	14.2	14.5
1999	256.1	254.1	1.8	252.3	56.2	21.6	21.8
2000	288.5	281.4	1.8	279.6	57.5	18.4	18.7
2001	370.1	307.9	1.9	306.0	53.8	18.3	18.6
2002	62.5	62.2	0.8	61.4	84.5	44.3	44.8
2003	226.3	226.3	1.0	225.3	74.4	35.3	35.4
2004	213.0	213.0	1.3	211.7	91.5	32.5	32.8
2005	269.9	267.9	1.2	266.7	89.3	23.5	23.8
2006	262.0	248.6	1.4	247.2	99.0	21.1	21.5
2007	253.2	248.7	1.6	247.1	105.0	26.8	27.3
2008	214.4	213.2	1.0	212.2	139.0	37.2	37.7
2009	359.2	320.8	1.3	319.5	104.0	18.9	19.2
2010	190.4	183.2	0.8	182.4	131.0	21.8	22.2
2011	231.8	230.3	0.5	229.8	118.0	29.8	30.0
2012	85.2	85.0	0.4	84.6	190.0	58.8	59.4
2013	294.2	291.1	1.2	289.9	163.0	35.3	35.9
2014	304.2	300.6	1.9	298.7	125.0	35.0	35.5
2015	252.5	251.1	1.2	249.9	123.0	34.2	34.7
2016	329.3	318.7	0.6	318.1	196.0	27.1	27.4
2017	259.5	254.1	0.8	253.3	168.0	21.9	22.4
2018	298.3	288.8	0.8	288.0	136.0	19.3	19.6

Source: USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table B-13--Figs: Production, utilization, and season-average grower price, California, 1980 to date

Year	Production ¹	Utilization		Grower price		
		Fresh ²	Processed	Fresh	Processed	All
		----- Short tons -----		----- Dollars/ton -----		
1980	45,450	2,100	43,350	493	297	306
1981	38,200	1,600	36,600	542	320	329
1982	37,700	1,100	36,600	461	273	278
1983	34,000	850	33,150	3	3	206
1984	36,500	2,000	34,500	3	3	288
1985	32,600	1,400	31,200	3	3	305
1986	50,000	1,400	48,600	3	3	283
1987	52,300	1,750	50,550	3	3	331
1988	55,500	1,500	54,000	3	3	352
1989	48,000	1,500	46,500	3	3	379
1990	49,600	1,600	48,000	3	3	350
1991	45,100	1,300	43,800	3	3	369
1992	46,900	1,300	45,600	3	3	405
1993	60,700	2,800	57,900	3	3	401
1994	56,700	2,100	54,600	3	3	419
1995	52,400	2,000	50,400	3	3	314
1996	45,500	2,000	43,500	3	3	283
1997	57,500	2,000	55,500	3	3	265
1998	51,600	1,100	50,500	3	3	222
1999	47,300	1,600	45,700	3	3	268
2000	55,900	4,000	51,900	3	3	272
2001	41,000	2,000	39,000	3	3	366
2002	53,200	2,250	50,950	3	3	340
2003	48,500	2,900	45,600	3	3	317
2004	51,100	4,300	46,800	3	3	396
2005	49,000	3,700	45,300	3	3	404
2006	42,800	3,800	39,000	3	3	426
2007	47,800	4,300	43,500	3	3	401
2008	43,300	4,000	39,300	3	3	599
2009	43,750	3,850	39,900	3	3	695
2010	40,910	3,960	36,950	3	3	542
2011	38,660	3,960	34,700	3	3	526
2012	35,200	3	3	3	3	555
2013	33,000	3	3	3	3	610
2014	33,400	3	3	3	3	719
2015	31,700	4,900	26,800	1,950	589	799
2016	32,700	4,900	27,800	2,540	623	911
2017	31,200	3,900	27,300	3,840	498	916
2018	⁴	⁴	⁴	⁴	⁴	⁴

na = not available.

¹ Production all utilized. ² Small quantities of canned figs are included in fresh to avoid disclosure of individual operations.³ Not published to avoid disclosure of individual operations, but included in "all" category.Source: USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table B-14--Grapes: Production, utilization, and season-average grower price, United States, 1980 to date

Year	Production		Utilization		Grower price		
	Total ¹	Utilized	Fresh ²	Processed	Fresh	Processed	All
	----- 1,000 short tons -----				----- Dollars/ton -----		
1980	5,595.2	5,594.9	569.1	5,025.8	560	203	240
1981	4,458.2	4,457.6	526.5	3,931.1	530	266	297
1982	6,555.1	5,864.9	706.4	5,158.5	455	201	232
1983	5,521.2	5,375.7	671.3	4,704.4	436	165	199
1984	5,208.4	5,183.3	676.9	4,506.4	371	163	190
1985	5,616.2	5,616.1	781.4	4,834.7	292	152	172
1986	5,227.9	5,227.3	779.4	4,447.9	463	185	226
1987	5,267.0	5,253.5	716.2	4,537.2	534	215	259
1988	6,033.7	6,032.1	831.3	5,200.8	517	226	266
1989	5,930.9	5,930.1	787.2	5,142.8	599	271	314
1990	5,659.9	5,659.8	849.0	4,810.8	539	252	295
1991	5,555.9	5,555.3	800.4	4,754.9	549	273	312
1992	6,052.1	6,032.6	769.1	5,263.5	426	289	306
1993	6,023.0	6,014.4	800.5	5,213.9	678	280	333
1994	5,873.4	5,869.0	808.6	5,060.5	581	279	321
1995	5,921.9	5,912.4	852.6	5,059.8	620	300	346
1996	5,553.6	5,537.3	767.0	4,770.3	725	382	429
1997	7,290.9	7,287.4	937.1	6,350.3	607	403	429
1998	5,820.0	5,816.4	780.8	5,035.6	631	427	454
1999	6,235.9	6,234.4	887.2	5,347.2	660	438	469
2000	7,688.0	7,687.3	906.8	6,780.5	647	370	403
2001	6,569.3	6,568.1	864.3	5,703.8	690	412	449
2002	7,338.9	7,336.8	982.3	6,354.5	686	341	387
2003	6,643.5	6,489.6	805.5	5,684.2	689	361	402
2004	6,240.0	6,229.9	882.6	5,347.4	765	437	483
2005	7,813.7	7,810.5	995.6	6,814.9	570	429	447
2006	6,377.5	6,366.2	797.6	5,568.6	986	452	519
2007	7,057.3	7,056.3	920.3	6,135.9	873	432	489
2008	7,279.4	7,265.7	945.0	6,320.6	830	448	497
2009	7,267.9	7,240.3	898.9	6,341.4	1,090	492	566
2010	7,432.1	7,429.5	953.3	6,476.2	912	487	542
2011	7,408.7	7,401.4	944.7	6,456.6	995	515	576
2012	7,530.9	7,524.4	963.0	6,561.5	1,370	662	752
2013	8,631.8	8,620.8	1,116.9	7,503.9	1,430	605	712
2014	7,883.8	7,871.6	1,053.0	6,818.5	1,520	619	740
2015	7,621.2	7,621.1	1,044.0	6,577.1	1,700	629	776
2016	7,697.0	7,694.9	1,040.0	6,655.0	1,500	711	818
2017	7,383.9	7,383.2	1,030.3	6,352.9	1,530	776	881
2018	7,596.0	7,596.0	1,098.9	6,497.1	1,120	829	871

¹ Some figures may not add due to rounding. ² In 2005, California canned grapes included with fresh to avoid disclosure of individual operations.

Source: USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table B-15--Grapes: Utilized production and season-average grower price, California, 1980 to date ¹

Year	Wine type		Table type		Raisin type		All types	
	Production	Price	Production	Price	Production	Price	Production	Price
	1,000 short tons	Dollars/ton	1,000 short tons	Dollars/ton	1,000 short tons	Dollars/ton	1,000 short tons	Dollars/ton
1980	2,004	210	428	410	2,692	237	5,124	241
1981	1,794	266	420	440	1,779	306	3,993	302
1982	2,152	218	592	344	2,642	218	5,386	232
1983	1,880	209	504	351	2,391	158	4,775	199
1984	1,900	201	475	304	2,281	156	4,656	189
1985	2,140	184	580	230	2,487	141	5,207	168
1986	2,105	207	620	307	2,045	213	4,770	222
1987	1,950	248	540	435	2,170	223	4,660	258
1988	2,180	297	770	363	2,570	205	5,520	263
1989	2,190	340	630	449	2,570	258	5,390	314
1990	2,195	308	645	429	2,345	237	5,185	291
1991	2,195	344	620	438	2,165	247	4,980	314
1992	2,145	393	645	356	2,670	230	5,460	309
1993	2,397	361	632	574	2,354	255	5,383	340
1994	2,265	378	602	515	2,389	229	5,256	326
1995	2,275	424	707	523	2,252	234	5,234	356
1996	2,225	536	592	650	2,192	281	5,009	438
1997	2,940	598	825	448	2,883	262	6,648	434
1998	2,570	581	643	499	2,077	291	5,290	457
1999	2,662	585	758	552	2,122	321	5,542	479
2000	3,364	567	774	565	2,921	166	7,059	401
2001	3,051	597	713	610	2,215	186	5,979	446
2002	3,149	535	743	616	2,804	152	6,696	383
2003	2,909	530	732	601	2,220	170	5,861	402
2004	2,815	570	770	695	2,038	306	5,623	492
2005	3,806	582	872	442	2,285	261	6,963	459
2006	3,176	582	717	898	1,833	277	5,726	524
2007	3,288	564	791	787	2,151	278	6,230	494
2008	3,015	610	973	715	2,520	265	6,508	492
2009	3,703	612	876	981	1,938	290	6,517	566
2010	3,589	574	1,011	796	2,133	343	6,733	534
2011	3,347	637	1,032	809	2,263	382	6,642	577
2012	4,018	773	1,024	1,220	1,810	457	6,852	756
2013	4,245	753	1,227	1,260	2,270	364	7,742	719
2014	3,895	759	1,165	1,350	1,874	381	6,934	756
2015	3,705	781	1,135	1,530	1,952	349	6,792	782
2016	4,032	905	1,150	1,340	1,570	277	6,752	832
2017	4,016	927	1,190	1,330	1,301	414	6,507	899
2018	4,285	1,010	1,300	978	1,545	424	7,130	877

¹ Fresh-weight equivalent.Source: USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table B-16--Grapes: Processed utilization and season-average grower price, United States, 1980 to date

Year	Canned		Juice		Wine		Dried	
	Quantity	Price	Quantity	Price	Quantity	Price	Quantity	Price
	1,000 short tons	Dollars/ ton	1,000 short tons	Dollars/ ton	1,000 short tons	Dollars/ ton	1,000 short tons	Dollars/ ton
1980	63.0	262	344.7	181	2,996.3	190	1,620.0	230
1981	42.0	260	334.1	188	2,521.6	250	1,032.0	329
1982	35.0	255	348.7	166	3,227.3	195	1,547.5	220
1983	35.0	211	461.3	140	2,423.1	193	1,785.0	132
1984	30.0	213	389.3	117	2,694.7	174	1,392.5	153
1985	45.0	213	303.0	145	2,921.0	162	1,565.7	134
1986	40.0	210	310.4	187	2,909.0	188	1,188.5	177
1987	40.0	220	411.2	205	2,647.0	223	1,439.0	203
1988	40.0	225	351.7	226	2,982.1	255	1,827.0	180
1989	40.0	235	388.8	265	2,850.1	300	1,864.0	227
1990	40.0	235	325.7	280	2,698.0	280	1,747.1	205
1991	41.0	249	413.6	237	2,717.8	314	1,582.5	212
1992	46.0	260	404.5	202	3,237.2	331	1,575.8	227
1993	45.0	256	466.2	189	3,025.5	330	1,677.2	218
1994	38.0	256	420.8	187	2,695.3	347	1,906.3	204
1995	35.0	257	498.6	162	2,973.6	379	1,552.5	196
1996	36.0	267	362.5	227	3,042.9	457	1,329.0	255
1997	44.0	268	465.4	254	4,034.4	503	1,806.5	219
1998	36.0	270	353.3	267	3,314.8	510	1,331.6	265
1999	35.0	270	501.9	261	3,350.4	530	1,459.9	292
2000	32.0	270	424.3	262	4,129.7	511	2,194.6	129
2001	29.0	270	369.8	278	3,568.2	562	1,736.8	137
2002	31.0	270	417.5	214	3,999.0	474	1,907.0	92
2003	27.0	280	478.8	204	3,581.4	489	1,597.0	125
2004	25.0	300	397.2	170	3,818.1	504	1,107.0	303
2005	¹	¹	619.1	148	4,550.8	544	1,645.0	218
2006	21.0	303	398.2	194	3,725.4	564	1,424.0	233
2007	21.0	314	573.4	210	3,920.5	548	1,621.0	231
2008	25.0	323	479.1	244	3,943.5	574	1,873.0	235
2009	20.0	337	438.3	257	4,373.1	599	1,510.0	251
2010	25.0	340	403.9	279	4,270.3	571	1,777.0	334
2011	25.0	355	470.1	267	4,154.5	614	1,807.0	352
2012	20.0	400	347.0	290	4,706.1	762	1,488.0	435
2013	22.0	435	504.2	262	5,067.6	737	1,909.0	347
2014	21.0	475	549.9	207	4,526.0	767	1,721.0	363
2015	22.0	575	435.8	219	4,254.3	804	1,864.0	326
2016	19.0	611	488.4	221	4,667.8	909	1,478.0	252
2017	16.0	601	451.9	222	4,663.0	928	1,221.0	407
2018	²	²	²	²	²	²	²	²

¹ Included with fresh to avoid disclosure of individual operations.² Estimates discontinued in 2018.Source: USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table B-17--Grapes, fresh: Monthly prices received by growers, United States, 1980 to date

Year	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
--Dollars/short ton--								
1995	1,050	580	650	650	480	560	530	680
1996	1,150	960	570	480	580	880	1,100	--
1997	1,060	660	480	450	550	570	840	--
1998	--	570	580	800	580	570	600	550
1999	1,300	880	695	765	555	525	595	595
2000	915	675	515	615	535	705	765	765
2001	790	1,190	630	600	670	640	640	850
2002	1,000	905	830	650	640	590	610	720
2003	930	970	760	650	620	600	660	730
2004	1,540	830	570	560	680	830	1,030	1,160
2005	1,010	910	530	530	610	600	490	390
2006	--	2,420	1,030	880	910	830	930	1,310
2007	--	770	660	680	790	940	1,200	1,710
2008	420	590	660	530	480	370	360	300
2009	1,380	1,120	610	310	470	630	630	1,220
2010	--	650	460	430	420	430	500	750
2011	--	1,460	1,480	960	820	790	980	1,040
2012	2,640	1,550	1,030	980	1,130	1,540	1,770	1,780
2013	na	na	na	na	na	na	na	na
2014	--	1,870	1,550	1,360	1,350	1,530	1,660	1,680
2015	2,470	1,820	1,620	1,590	1,620	1,650	1,840	2,110
2016	--	--	1,480	1,330	1,360	1,400	1,520	2,310
2017	--	--	1,590	1,500	1,500	1,460	1,540	1,660
2018	--	2,550	1,600	1,310	1,210	1,080	1,030	1,140
2019	--	1,620	1,400	1,260				

-- = Insufficient marketing to establish price. na = not available.

Source: USDA, National Agricultural Statistics Service, *Agricultural Prices*, various issues.

Table B-18--Guavas: Total processed, farm production, price, and value, Hawaii, 1980 to 2015

Year	Total delivered to processors ¹			Farm production					
	Quantity processed	Average price	Value of sales	Farms	Acreage planted	Acreage harvested	Utilized production	Farm prices	Value of sales
	<i>1,000 lb</i>	<i>Cents/lb</i>	<i>\$1,000</i>	<i>Number</i>	<i>-- Acres --</i>		<i>1,000 lb</i>	<i>Cents/lb</i>	<i>\$1,000</i>
1980	9,850	11.0	1,084	108	975	615	7,520	11.5	865
1981	7,290	10.8	787	97	935	620	6,520	11.0	717
1982	7,140	9.7	693	91	885	585	6,730	9.7	653
1983	8,850	8.8	788	117	965	730	7,700	8.8	678
1984	7,000	9.8	686	107	875	610	6,740	9.8	661
1985	9,530	10.2	972	100	920	680	8,890	10.2	907
1986	17,130	10.5	1,799	100	940	690	16,560	10.5	1,739
1987	18,050	12.0	2,166	110	1,070	710	17,450	12.0	2,094
1988	19,000	13.4	2,546	105	1,120	865	18,560	13.4	2,487
1989	20,900	15.0	3,135	110	1,180	965	20,600	15.0	3,090
1990	24,300	15.0	3,645	110	1,180	1,040	24,100	15.0	3,615
1991	14,000	14.6	2,044	110	1,170	900	14,000	14.6	2,044
1992	13,300	14.3	1,902	125	930	765	13,260	14.3	1,896
1993	15,400	13.0	2,002	115	920	750	15,400	13.0	2,002
1994	17,700	13.5	2,390	130	920	740	17,700	13.5	2,390
1995	16,400	13.8	2,263	135	920	750	16,400	13.8	2,263
1996	16,300	13.8	2,249	140	920	750	16,300	13.8	2,249
1997	15,900	12.2	1,940	130	900	730	15,900	12.2	1,940
1998	14,600	12.2	1,781	125	890	710	14,600	12.2	1,781
1999	10,700	12.0	1,284	130	870	630	10,700	12.0	1,284
2000	15,900	12.9	2,051	130	800	680	15,900	12.9	2,051
2001	15,300	14.1	2,157	110	710	610	15,300	14.1	2,157
2002	9,700	15.0	1,455	85	640	550	9,700	15.0	1,455
2003	6,700	13.8	925	75	610	530	6,700	13.8	925
2004	8,100	14.4	1,166	75	610	525	8,100	14.4	1,166
2005	8,100	13.9	1,126	55	665	620	8,100	13.9	1,126
2006	7,400	14.2	1,051	50	575	365	7,400	14.2	1,051
2007	4,300	15.7	675	70	465	170	4,300	15.7	675
2008	3,500	15.8	553	60	180	160	3,500	15.8	553
2009	2,100	14.0	294	60	175	135	2,100	14.0	294
2010	1,300	16.9	220	60	150	115	1,300	16.9	220
2011	1,900	17.0	323	60	150	110	1,900	17.0	323
2012	na	na	na	na	na	na	na	na	na
2013	na	na	na	na	na	100	2,200	17.0	374
2014	na	na	na	na	na	100	1,700	18.0	306
2015	2	2	2	2	2	2	2	2	2

na = not available.

¹ Includes wild and cultivated production.² Estimates discontinued in 2015.Sources: USDA, National Agricultural Statistics Service Hawaii Field Office, *Statistics of Hawaii Agriculture*, various issues; USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table B-19--Kiwifruit: Acreage, production, season-average grower price, and value, California, 1980 to date

Year	Bearing acreage	Total production	Price	Value
	<i>Acres</i>	<i>Short tons</i>	<i>Dollars/ton</i>	<i>1,000 dollars</i>
1980	1,600	5,300	2,400	10,080
1981	3,000	6,900	2,000	11,000
1982	3,400	15,500	920	10,580
1983	3,100	13,500	1,240	14,260
1984	3,800	18,000	1,070	17,762
1985	4,800	22,000	813	16,667
1986	5,600	24,300	1,030	24,102
1987	6,800	29,000	710	18,886
1988	7,100	32,700	760	22,420
1989	7,200	40,000	400	14,800
1990	7,300	39,000	415	14,110
1991	7,300	29,600	820	21,976
1992	7,300	52,300	290	13,833
1993	6,900	49,200	370	16,502
1994	6,500	39,400	491	18,413
1995	6,100	37,800	459	15,434
1996	5,700	31,500	470	13,157
1997	5,300	35,000	518	16,483
1998	5,300	36,600	744	24,544
1999	5,300	27,000	634	15,215
2000	5,300	34,000	455	13,888
2001	4,900	25,800	667	15,340
2002	4,500	26,100	783	18,097
2003	4,500	25,400	853	20,472
2004	4,500	26,700	809	19,977
2005	4,500	37,200	620	22,461
2006	4,200	26,100	911	23,148
2007	4,200	24,500	950	22,517
2008	4,200	23,000	888	19,545
2009	4,200	25,600	847	21,084
2010	4,200	32,700	768	24,961
2011	4,000	37,700	775	28,439
2012	3,700	29,600	1,020	27,508
2013	3,800	27,600	1,110	29,812
2014	3,700	28,500	1,190	33,333
2015	3,500	20,900	1,470	30,723
2016	3,900	28,300	1,570	44,431
2017	3,600	33,600	1,050	34,860
2018	3,900	37,800	870	32,886

Source: USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table B-20--Nectarines: Production, utilization, and season-average grower price, California, 1980 to date

Year	Total Production	Utilization		Grower price		
		Fresh	Processed	Fresh	Processed	All
		----- Short tons -----		----- Dollars/ton -----		
1980	191,000	190,500	500	231	78	231
1981	182,000	181,500	500	229	91	229
1982	178,000	175,900	2,100	251	49	249
1983	185,000	183,800	1,200	301	42	299
1984	183,000	182,800	200	316	70	316
1985	210,000	208,000	2,000	330	42	327
1986	172,000	170,000	2,000	445	35	440
1987	191,000	190,500	500	1	1	343
1988	217,000	216,000	1,000	1	1	394
1989	220,000	219,000	1,000	1	1	398
1990	232,000	229,500	2,500	1	1	474
1991	215,000	211,000	4,000	1	1	402
1992	236,000	233,000	3,000	1	1	312
1993	205,000	201,000	4,000	1	1	500
1994	242,000	238,000	4,000	1	1	282
1995	176,000	170,000	6,000	1	1	534
1996	247,000	239,800	7,200	1	1	474
1997	264,000	258,500	5,500	1	1	375
1998	224,000	207,600	16,400	1	1	471
1999	274,000	256,300	17,700	437	28	411
2000	267,000	260,700	6,300	407	24	398
2001	275,000	265,400	9,600	480	26	464
2002	300,000	300,000	1	382	1	382
2003	273,000	273,000	1	436	1	436
2004	269,000	252,000	1	342	1	342
2005	239,000	239,000	1	504	1	504
2006	218,000	218,000	1	517	1	517
2007	269,000	269,000	1	331	1	331
2008	295,000	295,000	1	365	1	365
2009	210,000	210,000	1	637	1	637
2010	225,000	225,000	1	560	1	560
2011	216,000	216,000	1	590	1	590
2012	180,000	180,000	1	777	1	777
2013	150,000	1	1	1	1	780
2014	175,000	1	1	1	1	869
2015	150,200	1	1	1	1	912
2016	141,550	1	1	1	1	867
2017	132,000	1	1	1	1	903
2018	120,500	1	1	1	1	874

¹ Not published to avoid disclosure of individual operations.

Source: USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table B-21--Nectarines: Production, utilization, and season-average grower price, Washington, 2005 to date

Year	Bearing acreage	Yield per acre	Total Production	Utilization		Grower price		
				Fresh	Processed	Fresh	Processed	All
	<i>Acres</i>	<i>Short tons</i>		<i>Short tons</i>		<i>Dollars/ton</i>		
2005	1,400	8.21	11,500	11,500	¹	564	¹	564
2006	1,400	9.93	13,900	13,900	¹	597	¹	597
2007	1,400	10.00	14,000	14,000	¹	519	¹	519
2008	1,300	5.77	7,500	7,500	¹	432	¹	432
2009	1,300	7.54	9,800	9,800	¹	494	¹	494
2010	1,300	6.31	8,200	8,200	¹	375	¹	375
2011	1,400	6.57	9,200	9,200	¹	384	¹	384
2012	1,600	5.56	8,900	8,900	¹	567	¹	567
2013	1,500	8.07	12,100	¹	¹	¹	¹	675
2014	1,400	8.79	12,300	¹	¹	¹	¹	830
2015	1,300	7.15	9,300	¹	¹	¹	¹	877
2016	1,000	9.80	9,800	¹	¹	¹	¹	1,140
2017	1,000	9.85	9,850	¹	¹	¹	¹	1,010
2018	²	²	²	²	²	²	²	²

¹ Not published to avoid disclosure of individual operations, but included in "all" category.

² Estimates discontinued in 2018.

Source: USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table B-22--Olives: Bearing acreage, production, utilization, season-average grower price, and value, California, 1980 to date

Year	Bearing acreage	Total production	Utilization		Processed utilization ¹				Grower price	Value
			Fresh	Processed	Canned		Crushed for oil	Other ³		
					Canning- size fruit	Limited-size fruit ²				
Acres			Short tons -----						\$/ton	\$1,000
1980	36,300	109,000	300	108,700	76,800	15,935	3,500	12,465	368	40,137
1981	34,300	44,900	300	44,600	37,900	2,430	2,000	2,270	695	31,222
1982	35,000	146,500	500	146,000	98,000	25,943	4,600	17,457	501	73,459
1983	35,100	61,000	400	60,600	48,000	3,606	4,100	4,894	519	31,641
1984	33,800	90,600	400	90,200	76,700	5,702	2,900	4,898	550	49,810
1985	32,900	96,000	500	95,500	76,100	8,416	5,800	5,184	559	53,634
1986	32,300	111,500	500	111,000	85,000	11,905	6,000	8,095	587	65,407
1987	31,600	67,500	500	67,000	55,000	5,484	3,000	3,516	608	41,053
1988	31,500	87,500	500	87,000	70,000	8,500	3,000	5,500	518	45,316
1989	29,800	123,000	500	122,500	94,000	14,000	5,500	9,000	467	57,458
1990	30,400	131,500	500	131,000	88,000	22,000	5,000	16,000	423	55,663
1991	29,700	65,000	500	64,500	53,700	7,300	1,800	1,700	559	36,306
1992	30,100	165,000	500	164,500	121,000	31,500	5,700	6,300	549	90,561
1993	30,100	122,000	500	121,500	93,000	19,700	5,300	3,500	467	56,991
1994	32,000	84,000	500	83,500	66,500	8,400	4,400	4,200	464	38,994
1995	33,700	77,500	500	77,000	58,500	9,300	4,000	5,200	646	50,069
1996	33,700	166,000	500	165,500	123,000	29,000	7,000	6,500	617	102,364
1997	35,300	104,000	500	103,500	82,200	10,200	3,600	7,500	642	66,801
1998	35,300	90,000	500	89,500	64,200	12,800	4,100	8,400	459	41,331
1999	35,300	142,000	500	141,500	86,000	36,500	5,000	14,000	387	55,011
2000	36,000	53,000	500	52,500	41,400	5,100	3,000	3,000	656	34,743
2001	36,000	134,000	500	133,500	109,700	15,300	3,000	5,500	672	90,096
2002	36,000	103,000	500	102,500	82,800	9,900	6,000	3,800	573	58,983
2003	36,000	118,000	500	117,500	96,000	10,500	7,500	3,500	409	48,289
2004	32,000	107,500	500	107,000	74,400	16,100	11,500	5,000	564	60,643
2005	32,000	142,000	500	141,500	100,000	21,200	14,000	6,300	564	80,097
2006	31,000	23,500	500	23,000	17,000	1,500	4,000	500	771	18,119
2007	30,000	132,500	500	132,000	96,000	20,000	12,000	4,000	654	86,694
2008	30,000	66,800	--	66,800	45,500	6,000	14,000	1,300	697	46,587
2009	31,000	46,300	--	46,300	24,500	1,500	20,000	300	696	32,209
2010	36,000	206,000	--	206,000	125,000	37,000	36,000	8,000	664	136,796
2011	39,000	71,200	--	71,200	26,500	2,200	42,000	500	733	52,168
2012	42,000	160,000	--	160,000	78,500	6,400	74,000	1,100	813	130,038
2013	40,000	166,000	--	166,000	78,800	10,500	75,000	1,700	813	134,881
2014	40,000	95,000	--	95,000	30,500	5,900	57,700	900	774	73,559
2015	40,000	179,000	--	179,000	60,000	14,600	101,000	3,400	894	160,043
2016	40,000	164,900	--	164,800	54,000	11,100	97,700	2,000	860	141,761
2017	40,000	192,300	--	191,700	70,000	17,300	101,000	3,400	974	186,649
2018	37,500	53,600	--	52,900	14,920	2,060	35,500	420	766	40,523

-- = Represents zero.

¹ USDA, National Agricultural Statistics Service (NASS) began reporting "limited" and "undersized" as separate categories in 1990 and made estimates for 1988 and 1989. All data since 1988 are as reported by NASS. ² Mostly canned, except for 1980 when use of limited-size fruit in canned ripe olives was not permitted. Reported by California Olive Committee until 1987. ³ "Limited and undersized" reported by NASS, minus "limited size" reported by California Olive Committee for 1976 to 1987. Includes undersized and culls.

Sources: USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues; and California Olive Committee.

Table B-23--Papayas: Acreage, yield per acre, production, utilization, and season-average grower price, Hawaii, 1980 to date

Year	Acreage harvested	Yield per acre ¹	Utilized production	Utilization		Grower price		
				Fresh	Processed	Fresh	Processed	All
	<i>Acres</i>		<i>1,000 pounds</i>			<i>Cents/pound</i>		
1980	1,950	37.9	48,916	45,360	3,556	21.7	3.4	20.4
1981	2,110	44.5	66,390	58,170	8,220	20.9	3.1	18.7
1982	2,170	38.7	52,750	44,770	7,980	25.1	3.1	21.8
1983	2,120	36.1	61,400	46,300	15,100	23.6	4.4	18.9
1984	2,590	46.3	80,500	67,000	13,500	13.1	3.1	11.4
1985	2,650	35.8	60,400	49,250	11,150	16.9	2.3	14.2
1986	2,355	35.2	61,000	50,100	10,900	21.7	2.3	18.2
1987	2,350	44.7	67,000	56,000	11,000	19.3	2.2	16.5
1988	2,300	²	69,000	57,000	12,000	21.0	3.2	17.9
1989	2,500	²	74,000	64,000	10,000	22.0	3.0	19.4
1990	2,400	²	68,500	58,000	10,500	25.0	2.9	21.6
1991	2,025	²	55,350	48,150	7,200	33.3	2.7	29.3
1992	2,415	29.5	71,300	55,800	15,500	25.0	3.0	20.2
1993	2,555	24.9	63,700	58,200	5,500	23.2	3.1	21.5
1994	2,200	28.2	62,000	56,200	5,800	24.3	3.0	22.3
1995	2,435	20.9	50,800	41,900	8,900	43.5	3.0	36.4
1996	1,835	22.8	41,800	37,800	4,000	44.8	3.0	40.8
1997	1,985	19.5	38,800	35,700	3,100	52.9	3.0	48.9
1998	2,120	18.8	39,900	35,600	4,300	35.0	3.0	31.6
1999	1,940	21.9	42,400	39,400	3,000	40.2	3.0	37.6
2000	1,650	33.0	54,500	50,250	4,250	31.6	3.0	29.4
2001	1,950	28.2	55,000	52,000	3,000	27.9	3.0	26.5
2002	1,720	26.7	45,900	42,700	3,200	27.7	3.0	26.0
2003	1,565	27.2	42,600	40,800	1,800	31.9	3.0	30.7
2004	1,265	28.3	35,800	34,100	1,700	36.1	3.0	34.5
2005	1,480	22.2	32,900	30,700	2,200	36.4	3.0	34.2
2006	1,530	18.8	28,700	26,600	2,100	41.3	3.0	38.5
2007	1,310	25.5	33,400	31,200	2,200	41.7	3.8	39.2
2008	1,380	24.3	33,500	31,500	2,000	45.5	3.0	43.0
2009	1,325	23.8	31,500	30,300	1,200	46.7	3.0	45.0
2010	1,350	22.3	30,100	29,200	900	38.0	3.0	37.0
2011	1,300	22.0	28,600	27,700	900	35.0	3.0	34.0
2012	na	na	na	na	na	na	na	na
2013	700	34.6	24,200	23,000	1,200	36.0	3.0	34.4
2014	900	26.1	23,500	23,000	500	49.0	3.0	48.0
2015	900	30.3	25,200	³	³	³	³	41.9
2016	700	28.2	19,750	³	³	³	³	49.2
2017	1,100	23.3	22,250	³	³	³	³	42.2
2018	800	13.0	10,290	7,000	3,290	73.0	18.0	55.4

na = not available.

¹Prior to 1988, yields based on total production. Starting in 1993, yields based on utilized production. Only utilized production estimated beginning in 1988.²Yield was not estimated for the 1988 through 1991 crops. ³ Estimate withheld to avoid disclosing data for individual operations.Source: USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table B-24--Peaches: Production, utilization, and season-average grower price, United States, 1980 to date

Year	Production		Utilization		Grower price		
	Total	Utilized	Fresh	Processed	Fresh	Processed	All
	----- Million pounds -----				--Cents/pound--	--Dollars/ton--	--Cents/pound--
1980	3,068.6	2,954.1	1,324.1	1,630.0	16.6	181.0	12.4
1981	2,770.6	2,639.8	1,331.0	1,308.8	16.6	200.0	13.3
1982	2,285.6	2,101.9	976.9	1,125.0	20.7	162.0	14.4
1983	1,855.3	1,753.8	967.1	786.7	19.6	161.0	14.4
1984	2,660.3	2,468.9	1,287.8	1,181.1	16.1	175.0	12.6
1985	2,148.1	2,047.2	925.6	1,121.6	20.6	184.0	14.4
1986	2,306.6	2,218.1	1,091.0	1,127.1	19.9	166.0	14.0
1987	2,381.5	2,238.9	1,113.5	1,125.4	18.5	184.0	13.8
1988	2,622.1	2,456.6	1,231.4	1,225.2	21.3	198.0	15.6
1989	2,362.8	2,236.8	1,066.6	1,170.2	23.1	204.0	16.4
1990	2,242.2	2,148.6	942.7	1,205.9	26.4	207.0	17.4
1991	2,695.5	2,515.4	1,241.7	1,273.7	21.1	210.0	15.7
1992	2,671.9	2,492.7	1,110.2	1,382.5	21.2	208.0	15.2
1993	2,644.3	2,478.4	1,166.0	1,312.4	22.1	210.0	15.9
1994	2,509.0	2,354.0	1,038.9	1,315.1	18.8	179.0	13.3
1995	2,289.5	2,179.1	1,125.0	1,054.1	26.0	208.0	18.4
1996	2,104.6	2,043.8	769.8	1,274.0	33.1	212.0	19.1
1997	2,624.6	2,508.4	1,126.8	1,381.6	24.4	246.0	17.7
1998	2,379.2	2,304.2	979.2	1,325.0	30.1	211.0	18.9
1999	2,503.3	2,411.3	1,077.8	1,333.5	28.6	216.0	18.7
2000	2,551.4	2,460.9	1,133.4	1,327.5	27.6	237.0	19.1
2001	2,407.8	2,309.9	1,129.3	1,180.6	30.7	231.0	20.9
2002	2,535.0	2,435.4	1,074.5	1,360.9	30.6	234.0	20.0
2003	2,519.2	2,410.5	1,085.7	1,324.8	29.1	210.0	18.9
2004	2,614.5	2,459.9	1,071.5	1,388.4	27.4	242.0	18.8
2005	2,369.0	2,290.1	1,004.0	1,286.1	35.9	235.0	22.4
2006	2,020.6	1,974.4	963.2	1,011.3	39.0	273.0	26.0
2007	2,254.3	2,231.8	882.4	1,349.4	35.3	283.0	22.5
2008	2,269.9	2,226.4	1,059.6	1,167.4	34.2	315.0	24.5
2009	2,207.0	2,164.8	1,005.8	1,159.4	40.6	321.0	27.4
2010	2,298.9	2,259.5	1,132.8	1,126.7	39.4	304.0	27.4
2011	2,142.5	2,084.7	1,062.1	1,022.6	41.3	292.0	28.2
2012	1,936.1	1,911.8	961.5	950.3	48.4	323.0	32.4
2013	1,810.7	1,780.4	796.9	983.4	47.9	343.0	30.9
2014	1,705.6	1,675.8	786.4	889.4	59.5	364.0	37.5
2015	1,689.6	1,646.0	710.7	935.3	55.0	451.0	36.6
2016	1,583.9	1,550.5	666.7	883.8	61.0	489.0	40.2
2017	1,401.5	1,388.4	629.2	759.2	67.5	460.0	43.2
2018	1,303.0	1,276.0	559.6	716.5	62.5	453.0	40.1

Source: USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table B-25--Peaches, fresh: Monthly prices received by growers, United States, 1980 to date

Year	May	June	July	Aug.	Sep.	Oct.
--Dollars/pound--						
1980	0.194	0.192	0.142	0.152	0.168	--
1981	0.199	0.137	0.155	0.161	0.229	--
1982	0.270	0.176	0.197	0.211	0.209	0.280
1983	0.263	0.227	0.189	0.170	0.177	--
1984	0.165	0.173	0.120	0.150	0.204	--
1985	0.215	0.195	0.195	0.201	0.222	--
1986	0.244	0.172	0.192	0.166	0.217	--
1987	0.243	0.217	0.142	0.147	0.194	--
1988	0.354	0.193	0.196	0.181	0.219	0.210
1989	0.267	0.219	0.195	0.222	0.265	--
1990	0.291	0.244	0.271	0.248	0.244	--
1991	0.289	0.236	0.162	0.162	0.228	--
1992	0.220	0.213	0.148	0.222	0.220	--
1993	0.288	0.220	0.191	0.190	0.226	--
1994	0.193	0.138	0.177	0.176	0.239	--
1995	0.345	0.205	0.184	0.266	0.324	--
1996	0.347	0.272	0.306	0.316	0.363	--
1997	0.255	0.193	0.146	0.238	0.353	--
1998	0.328	0.254	0.280	0.286	0.300	--
1999	0.366	0.270	0.257	0.232	0.319	--
2000	0.332	0.264	0.238	0.219	0.345	--
2001	0.395	0.338	0.288	0.210	0.297	--
2002	0.481	0.289	0.264	0.243	0.278	--
2003	0.473	0.255	0.262	0.228	0.245	--
2004	0.459	0.238	0.206	0.214	0.261	--
2005	0.378	0.298	0.288	0.372	0.311	--
2006	--	0.405	0.361	0.373	0.295	--
2007	0.469	0.281	0.290	0.297	0.282	--
2008	0.480	0.269	0.243	0.255	0.234	--
2009	0.423	0.397	0.322	0.338	0.328	--
2010	0.540	0.294	0.287	0.284	0.253	--
2011	0.645	0.331	0.331	0.356	0.282	--
2012	0.770	0.468	0.419	0.382	0.345	--
2013	na	na	na	na	na	--
2014	--	0.635	0.590	0.535	0.477	--
2015	0.755	0.550	0.469	0.515	0.418	--
2016	0.610	0.497	0.615	0.660	0.540	--
2017	--	0.655	0.740	0.700	0.655	--
2018	--	0.565	0.570	0.555	0.459	--
2019	0.860	0.590	0.545	0.575		

-- = Insufficient marketing to establish price. na = not available.

Source: USDA, National Agricultural Statistics Service, *Agricultural Prices*, various issues.

Table B-26--Peaches: Processed utilization, and season-average grower price, United States, 1980 to date

Year	Canned		Frozen		Dried		Other [†]	
	Quantity	Price	Quantity	Price	Quantity	Price	Quantity	Price
	<i>Mil. lb</i>	<i>\$/short ton</i>	<i>Mil. lb</i>	<i>\$/short ton</i>	<i>Mil. lb</i>	<i>\$/short ton</i>	<i>Mil. lb</i>	<i>\$/short ton</i>
1980	1,498.3	185.00	77.1	131.00	34.0	115.00	20.6	82.10
1981	1,173.7	205.00	78.3	152.00	34.8	112.00	22.0	121.00
1982	983.9	166.00	70.5	153.00	45.0	120.00	25.6	97.80
1983	675.4	162.00	64.3	179.00	36.0	118.00	11.0	93.30
1984	1,028.6	181.00	89.0	151.00	28.0	100.00	35.5	133.00
1985	982.6	191.00	93.3	153.00	32.5	104.00	13.2	119.00
1986	926.9	171.00	136.3	165.00	32.5	96.00	31.4	103.00
1987	877.1	193.00	145.1	169.00	35.0	101.00	68.2	132.00
1988	986.0	210.00	131.9	160.00	41.2	117.00	66.1	130.00
1989	918.4	218.00	143.9	172.00	28.6	110.00	79.3	137.00
1990	960.9	218.00	168.2	182.00	27.1	108.00	49.7	138.00
1991	987.1	224.00	161.5	182.00	44.4	116.00	80.7	158.00
1992	1,096.6	219.00	164.3	189.00	40.4	93.00	81.2	146.00
1993	1,044.6	223.00	178.8	189.00	30.0	82.00	59.0	109.00
1994	1,044.5	190.00	157.8	183.00	27.0	93.00	85.8	73.00
1995	813.5	219.00	150.9	188.00	28.0	86.00	61.7	141.00
1996	994.3	221.00	183.2	188.00	32.7	78.00	63.8	192.00
1997	1,107.8	265.00	201.0	196.00	34.1	68.00	38.7	128.00
1998	985.1	231.00	185.8	206.00	25.0	67.50	129.1	102.00
1999	995.9	233.00	204.1	205.00	31.4	73.00	102.1	113.00
2000	1,026.6	252.00	219.5	208.00	25.2	78.00	56.2	147.00
2001	906.4	244.00	200.7	222.00	29.2	51.00	44.3	150.00
2002	1,061.0	243.00	204.3	214.00	28.4	49.00	67.2	221.00
2003	997.0	218.00	222.9	225.00	20.3	47.00	84.6	107.00
2004	1,047.9	269.00	211.5	228.00	20.8	32.00	108.2	49.00
2005	959.3	258.00	202.5	226.00	25.4	46.00	98.9	78.00
2006	748.2	301.00	192.5	234.00	26.2	79.00	44.4	90.00
2007	969.6	310.00	270.8	264.00	25.4	57.00	83.6	98.00
2008	852.6	350.00	222.8	270.00	19.0	50.00	73.0	104.00
2009	927.5	338.00	184.0	275.00	14.2	43.00	33.7	210.00
2010	856.9	328.00	208.8	266.00	25.4	44.00	35.6	144.00
2011	774.4	310.00	201.2	266.00	9.2	42.00	37.8	124.00
2012	729.3	345.00	180.4	272.00	na	na	21.0	264.00
2013	739.5	363.00	207.5	299.00	na	na	28.0	220.00
2014	660.4	369.00	190.6	371.00	na	na	29.0	301.00
2015	679.1	473.00	216.8	420.00	na	na	na	na
2016	644.7	519.00	200.6	451.00	na	na	na	na
2017	602.9	480.00	125.0	433.00	na	na	na	na

na=not available. [†] Pickles, wine, baby food, and brandy.Source: USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table B-27--All pears: Production, utilization, and season-average grower price, United States, 1980 to date

Year	Production		Utilization		Grower price		All
	Total	Utilized	Fresh	Processed	Fresh	Processed ¹	
	----- 1,000 short tons -----				----- Dollars/ton -----		
1980	897.4	896.4	345.1	551.3	244	167	196
1981	897.0	984.0	378.0	516.0	249	142	187
1982	802.0	800.7	366.1	434.6	255	123	183
1983	773.6	773.4	382.8	390.6	215	126	170
1984	708.3	696.0	322.8	373.2	300	168	229
1985	744.6	744.4	347.1	397.3	350	201	269
1986	767.2	761.2	376.2	384.9	369	168	267
1987	938.5	936.1	454.9	481.3	227	172	198
1988	860.4	860.0	426.7	433.3	358	191	274
1989	915.8	915.5	453.2	462.2	336	221	277
1990	962.2	962.0	465.6	496.4	360	205	279
1991	903.0	902.9	462.0	440.9	385	219	303
1992	923.2	921.4	442.2	479.2	378	221	295
1993	947.9	946.5	507.4	439.1	280	206	245
1994	1,046.0	1,045.5	551.0	494.5	258	184	223
1995	948.0	947.3	544.3	403.0	343	177	272
1996	820.6	820.3	459.6	360.7	496	223	376
1997	1,042.5	1,041.9	572.3	469.6	329	213	276
1998	990.1	987.8	533.8	454.0	375	199	294
1999	1,044.3	1,042.2	565.0	477.3	388	184	294
2000	993.3	975.3	573.2	402.0	321	190	267
2001	1,026.9	989.4	568.3	421.1	334	175	266
2002	890.0	888.6	524.4	364.1	361	206	297
2003	934.1	928.5	560.0	368.5	358	197	294
2004	878.3	873.4	514.3	359.1	430	201	335
2005	823.3	821.7	504.4	317.3	461	193	358
2006	842.0	831.1	500.7	330.4	528	199	397
2007	873.0	871.9	552.0	319.9	534	214	416
2008	869.9	868.9	548.9	320.0	589	227	456
2009	957.2	955.8	603.8	352.0	458	224	372
2010	813.6	813.4	531.4	282.0	599	243	476
2011	965.7	965.1	643.7	321.4	451	237	380
2012	851.2	851.1	551.8	299.3	656	238	509
2013	877.1	876.5	584.7	291.8	599	276	491
2014	831.6	831.3	550.1	281.2	703	287	562
2015	816.5	803.1	514.8	288.4	769	341	615
2016	738.8	735.9	505.0	230.9	776	406	660
2017	737.5	731.4	486.2	245.2	875	384	710
2018	805.5	800.3	557.7	242.6	610	367	536

¹ Excludes dried.Source: USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table B-28--Bartlett pears: Production, utilization, and season-average grower price, United States, 1980 to date

Year	Production		Utilization		Grower price		All
	Total	Utilized	Fresh	Processed	Fresh	Processed excluding dried	
	-----1,000 short tons-----				-----Dollars/ton-----		
1980	610.0	610.0	117.9	492.1	200	180	183
1981	595.5	595.5	136.2	459.3	190	152	161
1982	525.3	525.3	150.1	375.2	180	134	147
1983	463.8	463.8	123.1	340.7	211	134	154
1984	447.0	435.0	103.5	331.5	220	181	190
1985	468.0	468.0	119.3	348.7	299	217	236
1986	466.0	461.0	128.5	332.5	344	182	226
1987	574.0	574.0	153.5	420.5	174	185	181
1988	506.0	506.0	121.2	384.8	356	207	242
1989	522.0	522.0	125.5	396.5	323	245	263
1990	574.0	574.0	142.0	432.0	302	226	244
1991	530.0	530.0	138.5	391.5	339	234	260
1992	559.0	559.0	130.0	429.0	317	234	252
1993	514.0	514.0	127.0	387.0	329	225	250
1994	590.0	590.0	163.0	427.0	188	205	200
1995	497.0	497.0	143.0	354.0	320	186	224
1996	437.0	437.0	133.0	304.0	446	241	303
1997	562.0	561.5	151.5	410.0	365	232	267
1998	502.0	501.6	125.6	376.0	407	227	273
1999	587.0	586.5	161.5	425.0	298	198	225
2000	518.0	502.0	157.0	345.0	280	208	231
2001	546.0	510.5	143.5	367.0	401	192	251
2002	448.0	448.0	136.0	312.0	393	232	280
2003	456.0	456.0	148.0	308.0	372	224	272
2004	457.0	455.0	147.0	308.0	395	224	278
2005	391.0	390.0	134.0	256.0	505	228	323
2006	427.0	417.0	143.0	274.0	445	227	302
2007	423.0	423.0	161.0	262.0	480	244	334
2008	417.3	417.3	161.0	256.3	550	264	374
2009	452.0	452.0	177.0	275.0	460	274	347
2010	385.0	385.0	149.0	236.0	551	279	384
2011	430.0	430.0	161.0	269.0	454	270	339
2012	405.0	405.0	159.0	246.0	597	275	401
2013	417.0	417.0	172.0	245.0	553	306	408
2014	na	na	na	na	na	na	na
2015	na	na	na	na	na	na	na
2016	342.3	340.5	150.8	189.7	735	414	556
2017	341.3	337.3	141.4	195.9	952	398	630
2018	1	1	1	1	1	1	1

na=not available.

' Estimates discontinued in 2018.

Source: USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table B-29--Pears, fresh: Monthly prices received by growers, United States, 1980 to date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
--Dollars/short ton--												
1980	265	354	435	443	449	450	225	214	209	219	250	241
1981	230	257	297	330	359	377	189	195	187	221	271	259
1982	250	302	320	293	392	636	201	171	185	215	304	328
1983	288	308	316	310	320	324	--	226	233	260	249	250
1984	195	197	152	136	95	115	--	173	233	282	307	335
1985	333	350	378	440	481	550	330	301	259	354	325	336
1986	354	379	420	456	670	751	340	360	313	403	363	352
1987	373	366	363	325	337	368	270	206	234	213	190	145
1988	144	212	227	249	437	527	365	327	381	396	348	310
1989	336	362	368	350	397	491	375	295	331	347	299	285
1990	303	345	357	370	438	589	410	273	326	332	358	342
1991	345	377	389	402	494	793	300	342	358	399	428	414
1992	377	383	381	394	459	--	300	273	364	390	433	391
1993	370	417	412	429	505	538	390	344	366	350	330	281
1994	235	220	202	182	172	175	148	170	278	248	271	253
1995	222	288	346	374	354	340	358	332	374	354	351	324
1996	297	301	316	313	367	584	450	383	471	505	597	561
1997	557	519	461	454	503	568	325	351	368	361	352	305
1998	269	272	272	332	385	425	365	396	422	392	352	314
1999	347	350	327	332	324	388	200	185	330	505	532	521
2000	489	458	340	344	272	235	233	249	315	403	339	347
2001	313	252	296	337	417	--	345	338	391	380	356	339
2002	301	288	286	283	272	270	322	316	366	419	402	398
2003	333	322	318	316	319	--	335	272	293	412	387	384
2004	352	332	336	359	443	--	325	381	390	432	434	437
2005	445	465	458	465	482	513	639	583	541	440	451	423
2006	404	392	339	355	419	596	759	286	288	568	573	563
2007	560	552	537	527	525	654	584	374	380	526	514	557
2008	539	473	452	462	518	642	638	546	543	628	582	574
2009	381	368	350	426	533	640	537	424	383	481	449	398
2010	639	636	625	599	571	565	719	555	550	622	548	587
2011	428	386	301	286	353	594	561	576	483	511	494	453
2012	774	778	753	na	na	na	687	581	600	692	686	713
2013	na	na	na	591	673	893	na	na	na	na	na	na
2014	725	729	652	611	620	633	622	531	631	696	692	704
2015	844	781	747	794	914	633	640	718	703	748	778	813
2016	782	806	722	668	914	1050	810	810	816	829	787	756
2017	782	806	722	668	694	734	631	764	829	848	832	888
2018	879	857	779	677	680	798	788	688	660	663	616	614
2019	574	561	539	545	620	731	781	696				

-- = Insufficient marketing to establish price.

na = not available.

Source: USDA, National Agricultural Statistics Service, *Agricultural Prices*, various issues.

Table B-30--Pineapples: Number of farms, acreage, production, disposition, price, and value, Hawaii, 1980 to 2010

Year	Farms	Acreage used for crop ¹	Utilized production ²	Disposition		Farm price		Value of production ²
				Processed ²	Fresh market ³	Processed ⁴	Fresh market ⁵	
	<i>Number</i>	<i>1,000 acres</i>	<i>-----1,000 short tons-----</i>			<i>---Dollars/ton---</i>		<i>1,000 dollars</i>
1980	18	43.0	657	556	101	76	340	76,596
1981	18	41.0	636	519	117	85	390	89,745
1982	18	36.0	670	542	128	82	390	94,364
1983	18	35.0	722	602	120	88	395	100,376
1984	18	35.0	600	481	119	88	400	89,928
1985	18	34.5	565	441	124	90	410	90,530
1986	19	36.0	646	514	132	90	405	99,720
1987	12	36.1	692	558	134	91	362	99,286
1988	12	34.6	659	526	133	99	416	107,402
1989	10	32.7	580	435	145	90	408	98,310
1990	10	30.9	575	434	141	120	385	106,365
1991	10	28.4	555	430	125	130	415	107,775
1992	21	26.2	550	420	130	110	430	102,100
1993	20	22.0	370	235	135	110	400	79,850
1994	15	22.3	365	235	130	110	408	78,890
1995	15	19.9	345	220	125	113	500	87,360
1996	15	20.0	347	232	115	117	598	95,914
1997	15	19.9	324	221	103	127	618	91,721
1998	15	21.0	332	221	111	131	575	92,776
1999	15	21.0	352	230	122	126	594	101,448
2000	15	20.7	354	232	122	130	585	101,530
2001	15	20.1	323	213	110	129	626	96,337
2002	25	19.1	320	203	117	136	624	100,616
2003	25	16.0	300	170	130	135	604	101,470
2004	30	13.0	220	116	104	148	634	83,104
2005	30	14.0	212	106	106	148	600	79,288
2006	30	12.6	185	89	96	148	630	73,652
2007	6	6	6	6	6	6	6	6
2008	6	6	6	6	6	6	6	6
2009	6	6	6	6	6	6	6	6
2010	7	7	7	7	7	7	7	7

¹ Acreage is crop acres, not harvested acreage. ² Fresh-weight basis. ³ Beginning in 1983, excludes sales of fresh pineapples (without tops) included in processing utilization. ⁴ Value of fresh fruit delivered to processing-plant door. ⁵ Value of fresh fruit at wholesale establishments for local sales and shippers dock for mainland and foreign sales. ⁶ Not published to avoid disclosure of individual operations. ⁷ Data reporting was discontinued.

Sources: USDA, National Agricultural Statistics Service Hawaii Field Office, *Statistics of Hawaii Agriculture*, various issues; USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table B-31--Plums: Acreage, production, season-average grower price, and value, California, 1980 to date

Year	Bearing acreage	Utilized production	Grower price	Value
	<i>Acres</i>	<i>Short tons</i>	<i>Dollars/ton</i>	<i>\$1,000</i>
1980	29,400	160,000	449	71,810
1981	30,900	197,500	309	61,062
1982	32,900	118,000	620	73,139
1983	34,900	158,500	435	69,020
1984	35,800	225,000	212	47,797
1985	36,600	166,500	514	85,512
1986	38,200	152,000	657	99,857
1987	39,900	245,000	308	75,361
1988	42,800	216,000	475	102,661
1989	41,100	216,000	445	96,146
1990	41,800	223,000	603	134,412
1991	42,400	218,000	449	97,894
1992	42,400	250,000	252	63,033
1993	41,200	185,000	508	93,954
1994	41,600	247,000	321	79,358
1995	42,000	124,000	950	117,849
1996	42,600	228,000	420	95,831
1997	42,000	246,000	312	76,825
1998	42,000	188,000	529	99,388
1999	40,000	196,000	419	82,041
2000	38,000	197,000	442	87,115
2001	37,000	210,000	306	64,362
2002	36,000	201,000	386	77,586
2003	35,000	209,000	418	87,362
2004	33,500	144,000	516	74,347
2005	32,000	171,000	541	92,463
2006	31,000	158,000	688	108,648
2007	29,500	152,000	665	101,077
2008	28,000	160,000	356	56,960
2009	26,000	112,000	514	57,568
2010	24,000	142,000	555	78,810
2011	22,000	160,000	402	64,320
2012	20,000	115,000	695	79,940
2013	19,000	98,600	665	65,527
2014	16,500	104,000	912	94,842
2015	15,500	91,500	996	91,125
2016	15,000	107,800	811	87,460
2017	15,000	114,900	1,000	114,897
2018	14,000	99,000	935	92,570

Source: USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table B-32--Prunes (dried basis): Acreage, production, season-average grower price, and value, California, 1980 to date ¹

Year	Bearing acreage	Utilized production	Grower price	Value
	<i>Acres</i>	<i>Short tons</i>	<i>Dollars/ton</i>	<i>\$1,000</i>
1980	69,600	168,000	683	114,744
1981	65,400	159,500	654	104,313
1982	66,600	126,000	679	85,554
1983	67,700	145,000	667	96,715
1984	68,700	148,000	693	102,564
1985	71,700	141,000	680	95,880
1986	72,600	99,000	819	81,081
1987	75,600	229,000	734	168,086
1988	77,200	151,000	782	118,082
1989	77,400	226,000	779	176,054
1990	80,100	147,000	873	128,331
1991	80,200	187,000	940	175,780
1992	80,400	184,000	1,030	189,520
1993	83,000	121,000	1,120	135,520
1994	84,000	193,000	1,090	210,370
1995	83,500	181,000	1,040	188,240
1996	85,000	223,000	839	187,097
1997	82,000	205,000	883	181,015
1998	83,000	103,000	764	78,692
1999	83,000	165,000	861	142,065
2000	86,000	201,000	770	154,770
2001	86,000	135,000	726	98,010
2002	74,000	163,000	810	132,030
2003	72,000	168,000	772	129,696
2004	70,000	48,000	1,500	72,000
2005	67,000	94,000	1,470	138,180
2006	65,000	189,000	1,390	262,710
2007	64,000	81,000	1,450	117,450
2008	64,000	129,000	1,500	193,500
2009	64,000	166,000	1,230	204,180
2010	61,000	130,000	1,350	175,500
2011	58,000	137,000	1,310	179,470
2012	55,000	138,000	1,330	183,540
2013	50,000	85,000	2,000	170,000
2014	48,000	108,000	2,470	266,760
2015	47,000	110,000	2,050	225,500
2016	45,000	54,000	2,180	117,720
2017	45,000	105,000	1,980	207,900
2018	44,000	90,200	2,160	194,832

¹ The drying ratio is approximately 3 lbs of fresh to 1 lb of dried fruit.

Source: USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table B-33--Prunes and plums: Production, utilization, and season-average grower price, four States,¹ 1980 to 2016

Year	Production		Utilization		Grower price		
	Total	Utilized	Fresh	Processed	Fresh	Processed	All
	-----Short tons-----				-----Dollars/ton-----		
1980	76,600	76,600	40,500	36,100	196	137	179
1981	65,100	62,600	32,900	29,700	167	126	156
1982	51,500	47,500	26,550	20,950	387	108	264
1983	51,200	49,200	30,000	19,200	257	108	199
1984	52,000	51,000	28,200	22,800	266	137	208
1985	51,700	48,100	21,700	26,400	329	148	230
1986	48,100	44,100	20,400	23,700	432	111	260
1987	49,500	45,200	21,600	23,600	173	108	139
1988	53,000	49,600	24,000	25,600	249	117	181
1989	47,000	43,850	22,750	21,100	289	119	207
1990	47,800	43,200	24,300	18,900	250	125	195
1991	24,100	23,800	12,990	10,810	334	222	283
1992	44,600	44,400	21,060	23,340	243	146	192
1993	28,200	25,930	13,790	12,140	206	157	183
1994	38,100	32,100	13,550	18,550	255	105	168
1995	22,500	21,480	12,200	9,280	441	145	313
1996	19,500	18,700	10,650	8,050	575	267	442
1997	25,500	23,700	10,500	13,200	448	134	273
1998	25,600	24,800	11,750	13,050	476	162	311
1999	22,900	21,620	11,150	10,470	232	182	208
2000	23,900	21,950	9,400	12,550	321	178	239
2001	21,200	20,000	11,000	9,000	345	185	273
2002	15,650	14,790	6,360	8,430	396	204	286
2003	16,300	14,880	7,700	7,180	446	254	353
2004	25,000	18,920	10,350	8,570	468	228	360
2005	9,100	9,050	5,500	3,550	759	257	562
2006	21,500	19,200	9,550	9,650	639	267	452
2007	12,100	10,920	6,420	4,500	622	213	454
2008	15,500	15,480	8,700	6,780	547	171	382
2009	18,600	17,700	9,750	7,950	472	149	327
2010	12,100	11,200	7,700	3,500	551	193	439
2011	13,300	12,900	7,030	5,870	482	235	370
2012	12,935	11,835	7,030	4,805	739	228	531
2013	13,440	12,790	6,690	6,100	608	345	482
2014	14,800	14,500	7,600	6,900	656	301	487
2015	9,680	9,650	5,950	3,700	699	318	553
2016	2	2	2	2	2	2	2

¹ Idaho, Michigan, Oregon, and Washington. ² Estimates discontinued in 2016.Source: USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table C-1--Grapefruit: Bearing acreage and yield per acre, by State, 1980/81 to date

Season ¹	Florida		California		Texas		Arizona		United States	
	Bearing acreage	Yield per acre	Bearing acreage	Yield per acre	Bearing acreage	Yield per acre	Bearing acreage	Yield per acre	Bearing acreage	Yield per acre
	<i>1,000 acres</i>	<i>Short tons</i>	<i>1,000 acres</i>	<i>Short tons</i>	<i>1,000 acres</i>	<i>Short tons</i>	<i>1,000 acres</i>	<i>Short tons</i>	<i>1,000 acres</i>	<i>Short tons</i>
1980/81	125.6	17.02	21.8	12.06	41.5	6.46	8.1	11.11	197.0	14.01
1981/82	127.8	15.99	22.0	9.14	41.1	13.53	8.2	9.39	199.1	14.46
1982/83	128.6	13.02	21.7	10.97	42.2	10.62	6.8	15.44	199.3	12.37
1983/84	119.6	14.53	21.9	10.87	43.3	2.96	6.8	11.77	191.6	11.40
1984/85	115.5	16.19	21.1	13.70	19.1	²	7.1	15.07	162.8	13.92
1985/86	105.1	18.91	20.9	12.73	13.5	0.67	5.7	15.79	145.2	16.20
1986/87	106.0	19.96	20.8	14.66	15.2	5.16	5.9	14.92	147.9	17.49
1987/88	106.0	21.59	20.7	14.40	16.0	9.50	6.0	10.33	148.7	18.84
1988/89	106.9	21.77	19.9	13.22	16.9	11.36	6.5	9.54	150.2	18.93
1989/90	103.0	14.74	19.2	16.15	18.7	4.28	6.4	10.94	147.3	13.43
1990/91	104.2	18.40	18.3	14.32	4.5	³	6.2	12.42	133.2	16.94
1991/92	104.7	17.21	18.5	18.12	7.5	0.36	5.9	15.91	136.6	16.28
1992/93	111.9	20.95	17.8	17.32	10.1	7.44	5.8	12.43	145.6	19.17
1993/94	118.3	18.36	18.0	17.32	12.8	9.40	5.6	10.49	154.7	17.20
1994/95	127.3	18.62	18.4	16.92	15.0	12.44	5.4	8.68	166.1	17.53
1995/96	132.8	16.75	18.8	14.44	17.7	10.28	5.0	8.04	174.3	15.59
1996/97	139.2	17.04	18.0	15.28	20.4	10.40	4.4	6.10	182.0	15.85
1997/98	127.8	16.49	16.8	15.95	21.3	9.00	4.0	6.70	169.9	15.26
1998/99	116.6	17.17	16.6	14.74	20.0	12.20	3.3	7.60	156.5	16.06
1999/2000	114.1	19.89	16.6	14.54	20.0	11.88	2.8	5.39	153.5	18.00
2000/01	107.8	18.15	15.4	13.70	20.0	14.40	2.0	4.19	145.2	16.96
2001/02	101.3	19.59	14.0	14.10	19.0	12.44	2.0	2.68	136.3	17.78
2002/03	95.5	17.21	13.0	14.44	18.5	12.20	1.4	3.12	128.4	16.07
2003/04	82.3	21.12	12.0	16.18	18.5	12.32	1.2	3.92	114.0	18.99
2004/05	71.0	7.65	11.0	18.59	18.5	14.28	1.0	4.69	101.5	10.03
2005/06	59.8	13.73	10.0	20.10	18.5	11.24	0.8	4.19	89.1	13.83
2006/07	57.4	20.15	9.6	19.20	18.5	15.36	0.6	5.59	86.1	18.90
2007/08	54.8	20.61	9.6	18.16	18.5	12.96	0.5	6.70	83.4	18.56
2008/09	51.9	17.77	9.6	16.75	18.5	11.88	0.4	2.11	80.4	16.22
2009/10	48.1	17.94	9.6	15.71	18.0	12.44	na	na	75.7	16.35
2010/11	46.5	18.06	9.6	17.96	17.5	14.40	na	na	73.6	17.17
2011/12	45.5	17.59	9.7	16.48	17.0	11.28	na	na	72.2	15.97
2012/13	44.9	17.38	10.0	18.00	16.5	14.80	na	na	71.4	16.86
2013/14	43.1	15.43	9.8	15.72	16.6	13.72	na	na	69.5	15.46
2014/15	40.4	13.56	9.8	19.60	17.1	9.96	na	na	67.3	13.52
2015/16	37.5	12.24	9.5	16.00	17.1	11.24	na	na	64.1	12.53
2016/17	33.8	9.78	9.4	18.72	16.4	11.72	na	na	59.6	11.71
2017/18	29.8	5.53	9.3	16.36	15.7	12.24	na	na	54.8	9.29
2018/19	24.7	7.78	9.0	14.24	16.0	15.24	na	na	49.7	11.35

na = not available.

¹ Season begins in November in Arizona and California; September in Florida; and October in Texas. ² Due to the severe freeze of December 1983, no commercial supplies were harvested. ³ Due to the severe freeze of December 1989, no commercial supplies were harvested.

Sources: USDA, National Agricultural Statistics Service, *Citrus Fruits Summary*, various issues; and USDA, Economic Research Service.

Table C-2--Grapefruit: Production, by State, 1980/81 to date

Season ¹	Florida	California	Texas	Arizona	United States ²
-- 1,000 short tons --					
1980/81	2,138	263	268	90	2,759
1981/82	2,044	201	556	77	2,878
1982/83	1,674	238	448	105	2,465
1983/84	1,738	238	128	80	2,184
1984/85	1,870	289	³	107	2,266
1985/86	1,987	266	9	90	2,352
1986/87	2,116	305	77	88	2,586
1987/88	2,289	298	152	62	2,801
1988/89	2,327	263	192	62	2,844
1989/90	1,518	310	80	70	1,978
1990/91	1,917	262	⁴	77	2,256
1991/92	1,802	330	3	90	2,224
1992/93	2,344	303	75	69	2,791
1993/94	2,170	312	120	59	2,661
1994/95	2,367	312	186	47	2,912
1995/96	2,225	271	182	40	2,718
1996/97	2,372	275	212	27	2,885
1997/98	2,106	268	192	27	2,593
1998/99	2,000	245	244	25	2,513
1999/2000	2,270	241	237	15	2,763
2000/01	1,955	211	288	8	2,462
2001/02	1,985	198	236	5	2,424
2002/03	1,645	188	226	4	2,063
2003/04	1,738	194	228	5	2,165
2004/05	544	204	264	5	1,018
2005/06	820	201	208	3	1,232
2006/07	1,156	184	284	3	1,627
2007/08	1,131	174	240	3	1,548
2008/09	922	161	220	1	1,304
2009/10	863	151	224	na	1,238
2010/11	839	172	252	na	1,264
2011/12	801	160	192	na	1,153
2012/13	780	180	244	na	1,204
2013/14	665	154	228	na	1,047
2014/15	548	192	170	na	910
2015/16	459	152	192	na	803
2016/17	330	176	192	na	698
2017/18	165	152	192	na	509
2018/19	192	128	244	na	564

na = not available.

¹ Season begins in November in Arizona and California; September in Florida; and October in Texas. ² Some totals may not add due to rounding.³ Due to the severe freeze of December 1983, no commercial supplies were harvested. ⁴ Due to the severe freeze of December 1989, no commercial supplies were harvested.Source: USDA, National Agricultural Statistics Service, *Citrus Fruits Summary*, various issues.

Table C-3--Grapefruit: Utilization of production, by State, 1980/81 to date

Season ¹	Florida		California		Arizona		Texas		United States ²	
	Fresh	Processed	Fresh	Processed	Fresh	Processed	Fresh	Processed	Fresh	Processed
--1,000 short tons--										
1980/81	730	1,408	146	116	51	38	186	82	1,113	1,645
1981/82	711	1,334	120	79	36	41	289	267	1,158	1,720
1982/83	778	896	144	94	63	42	312	136	1,297	1,168
1983/84	708	1,030	150	85	54	26	114	14	1,028	1,156
1984/85	637	1,233	202	85	70	37	³	³	911	1,355
1985/86	834	1,153	185	78	58	32	8	1	1,088	1,264
1986/87	890	1,227	190	112	56	32	62	15	1,200	1,386
1987/88	982	1,306	195	101	42	21	111	41	1,332	1,469
1988/89	1,016	1,311	179	81	43	20	156	36	1,395	1,449
1989/90	567	950	195	111	53	17	64	16	882	1,096
1990/91	1,017	900	169	91	54	23	⁴	⁴	1,241	1,015
1991/92	971	831	211	119	65	24	3	⁴	1,249	975
1992/93	984	1,360	187	116	45	24	56	19	1,273	1,518
1993/94	956	1,213	204	108	38	21	86	34	1,284	1,377
1994/95	945	1,422	198	114	44	3	128	58	1,315	1,597
1995/96	971	1,254	201	70	25	15	121	61	1,318	1,400
1996/97	988	1,384	203	72	14	13	149	63	1,353	1,532
1997/98	899	1,207	186	82	16	10	140	52	1,242	1,351
1998/99	847	1,153	222	22	18	7	163	81	1,250	1,263
1999/2000	774	1,495	208	34	6	9	155	82	1,143	1,620
2000/01	743	1,212	181	30	7	2	162	126	1,093	1,369
2001/02	739	1,246	171	27	5	0	156	80	1,071	1,353
2002/03	663	982	164	23	4	0	133	93	964	1,099
2003/04	708	1,030	171	23	5	0	137	91	1,021	1,144
2004/05	315	229	181	23	5	0	125	139	621	368
2005/06	294	526	178	23	3	0	128	80	599	606
2006/07	466	690	161	23	3	0	138	146	765	836
2007/08	451	679	174	⁵	3	0	132	108	758	787
2008/09	397	525	161	⁵	1	0	128	92	686	617
2009/10	398	465	151	⁵	na	na	132	92	681	557
2010/11	356	483	172	⁵	na	na	136	116	664	599
2011/12	337	464	160	⁵	na	na	104	88	601	552
2012/13	329	451	155	25	na	na	119	125	604	600
2013/14	284	381	133	21	na	na	112	116	529	518
2014/15	243	306	144	48	na	na	115	55	502	408
2015/16	210	249	126	26	na	na	100	92	436	367
2016/17	150	179	140	36	na	na	112	80	402	296
2017/18	74	91	112	40	na	na	112	80	298	211
2018/19	82	110	104	24	na	na	96	148	282	282

na = not available.

¹ Season begins in November in Arizona and California; September in Florida; and October in Texas. ² Some figures may not add due to rounding.³ Due to the severe freeze of December 1983, no commercial supplies were harvested. ⁴ Due to the severe freeze of December 1989, no commercial supplies were harvested. ⁵ Small quantities of processed grapefruit included with fresh.Sources: USDA, National Agricultural Statistics Service, *Citrus Fruits Summary*, various issues; and USDA, Economic Research Service.

Table C-4--Grapefruit: Equivalent-on-tree returns, by State, 1980/81 to date

Season ¹	Florida			California			Texas			Arizona			United States		
	Pro-			Pro-			Pro-			Pro-			Pro-		
	Fresh	cessing	All	Fresh	cessing	All	Fresh	cessing	All	Fresh	cessing	All	Fresh	cessing	All
--Dollars/box ² --															
1980/81	5.25	2.76	3.60	6.34	-0.45	3.33	3.70	2.31	3.27	4.91	-0.20	2.72	5.15	2.36	3.50
1981/82	4.48	0.82	2.09	3.95	-1.31	1.85	2.73	0.98	1.89	3.66	-1.28	1.01	3.94	0.66	1.99
1982/83	3.61	0.52	1.96	4.05	-1.31	1.94	1.75	0.14	1.26	2.73	-1.32	1.11	3.18	0.22	1.79
1983/84	4.19	1.70	2.72	5.30	-1.53	2.83	2.20	0.24	1.99	4.34	-1.52	2.46	4.14	1.37	2.68
1984/85	5.62	2.66	3.67	8.19	-0.45	5.64	³	³	³	6.64	-0.38	4.19	6.27	2.38	3.95
1985/86	5.19	3.29	4.09	8.74	-0.76	5.93	8.89	3.50	8.40	5.66	-0.79	3.36	5.85	2.94	4.29
1986/87	5.89	4.32	4.98	7.71	-0.64	4.62	7.47	3.40	6.69	5.96	-0.64	3.54	6.27	3.79	4.94
1987/88	6.85	4.61	5.57	7.43	-0.41	4.76	6.61	3.32	5.73	4.58	-0.44	2.91	6.84	4.16	5.43
1988/89	6.03	3.24	4.45	7.33	-1.54	4.55	5.06	0.57	4.21	4.76	-1.57	2.76	6.05	2.84	4.41
1989/90	10.00	3.06	5.65	10.49	-1.13	6.28	7.34	0.58	6.00	11.35	-1.31	8.27	10.00	2.53	5.86
1990/91	8.83	2.08	5.66	8.42	-1.68	4.87	⁴	0.60	⁴	8.01	-1.69	5.15	8.74	1.65	5.55
1991/92	8.69	4.20	6.62	7.40	-0.92	4.39	13.52	0.61	13.52	6.03	-1.04	4.11	8.34	3.44	6.20
1992/93	4.86	1.06	2.66	6.35	-2.13	3.11	6.57	0.62	5.11	3.38	-1.78	1.81	5.10	0.77	2.75
1993/94	5.52	1.51	3.28	6.74	-1.59	3.86	5.02	1.02	3.89	2.97	-1.75	1.30	5.61	1.21	3.33
1994/95	4.00	0.83	2.09	7.17	-2.37	3.70	3.18	0.54	2.36	4.02	-2.38	3.62	4.40	0.59	2.30
1995/96	3.71	0.56	1.93	7.02	-2.17	4.64	5.22	0.66	3.69	4.12	-2.22	1.76	4.36	0.39	2.32
1996/97	3.74	-0.01	1.55	6.82	-2.13	4.48	4.15	0.40	3.03	4.12	-2.36	1.04	4.25	-0.11	1.93
1997/98	3.42	-0.33	1.27	10.32	-2.20	6.48	4.75	0.40	3.57	5.82	-2.20	2.73	4.64	-0.43	2.00
1998/99	5.04	0.30	2.30	9.71	-2.23	8.63	6.75	0.40	4.65	6.91	-2.31	4.17	6.12	0.24	3.17
1999/2000	6.52	1.98	3.53	7.45	-2.80	6.03	7.75	0.30	5.16	4.25	-2.80	0.05	6.84	1.77	3.87
2000/01	4.81	0.59	2.19	8.09	-2.42	6.59	3.15	-0.50	1.56	4.49	-2.42	3.24	5.10	0.42	2.50
2001/02	5.25	0.56	2.31	7.13	-2.47	5.83	4.45	-0.50	2.77	4.82	-2.48	4.50	5.43	0.44	2.64
2002/03	5.63	0.29	2.44	10.96	-2.52	9.28	4.14	-0.32	2.30	5.85	-2.53	5.46	6.33	0.18	3.03
2003/04	7.32	0.60	3.33	8.85	-3.01	7.42	4.84	-0.17	2.83	4.75	na	4.75	7.23	0.46	3.66
2004/05	19.51	5.13	13.47	15.52	-3.08	13.39	22.02	0.06	10.46	10.12	na	10.12	18.79	2.83	12.65
2005/06	13.96	4.29	7.75	12.18	-3.15	10.39	16.50	2.15	10.98	10.68	na	10.68	13.96	3.74	8.74
2006/07	9.51	0.99	4.42	11.14	-3.22	9.31	10.57	0.90	5.62	8.14	na	8.14	10.03	0.86	5.19
2007/08	10.11	0.63	4.42	6.20	---	6.20	10.64	-0.55	5.60	5.70	na	5.70	9.29	0.47	4.80
2008/09	8.17	0.52	3.81	5.85	---	5.85	9.50	0.25	5.63	(D)	na	(D)	7.87	0.48	4.37
2009/10	13.18	2.62	7.49	4.40	---	4.40	14.05	0.20	8.39	na	na	na	11.41	2.23	7.28
2010/11	10.99	3.58	6.72	9.30	---	9.30	12.45	0.20	6.80	na	na	na	10.85	2.92	7.09
2011/12	10.64	4.66	7.17	11.83	---	11.83	11.15	0.20	6.13	na	na	na	11.04	3.95	7.65
2012/13	11.00	3.16	6.47	7.96	---	7.96	11.12	0.17	5.56	na	na	na	10.15	2.51	6.51
2013/14	12.20	3.30	7.10	(D)	(D)	7.91	(D)	(D)	7.25	na	na	na	11.95	2.46	7.25
2014/15	12.02	3.47	7.25	(D)	(D)	7.91	(D)	(D)	7.51	na	na	na	11.81	2.06	7.44
2015/16	14.84	5.55	9.80	(D)	(D)	15.27	(D)	(D)	8.97	na	na	na	16.63	3.51	10.64
2016/17	16.29	6.60	11.02	(D)	(D)	16.37	(D)	(D)	11.43	na	na	na	18.83	3.84	12.48
2017/18	23.95	8.81	15.61	(D)	(D)	15.57	(D)	(D)	12.01	na	na	na	21.67	3.73	14.24
2018/19	23.42	10.04	15.74	(D)	(D)	14.76	(D)	(D)	9.17	na	na	na	21.50	3.85	12.67

--- = insufficient marketing to establish a price. (D) = Withheld to avoid disclosing data for individual operations. na = not available.

¹ Season begins in November in Arizona and California; September in Florida; and October in Texas. ² Net content of box varies.

Approximate averages are as follows (lbs): Florida--85; California--64 through 1992/93, 1993/94-2009/10--67, 2010/11 onward--80; Texas--80; and Arizona--64, beginning 1993/94--67. ³ Due to the severe freeze of December 1983, no commercial supplies were harvested. ⁴ Due to the severe freeze of December 1989, no commercial supplies were harvested.

Source: USDA, National Agricultural Statistics Service, *Citrus Fruits Summary*, various issues.

Table C-5--All grapefruit: Monthly equivalent-on-tree returns received by growers, Arizona, 1980/81 to 2011/12

Season	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.
--Dollars/box ¹ --												
1980/81	2.75	1.83	2.19	1.91	1.79	2.46	3.19	4.45	0.87	---	---	4.84
1981/82	2.51	0.14	1.73	0.63	0.62	0.38	0.48	0.87	1.29	---	---	2.54
1982/83	1.47	0.92	0.91	0.55	0.47	0.50	1.00	1.81	1.17	---	---	---
1983/84	1.86	1.80	2.54	2.47	2.59	2.71	3.04	1.85	---	---	---	2.34
1984/85	4.94	5.87	5.97	5.55	3.90	2.50	3.11	2.88	---	---	6.09	4.60
1985/86	4.84	4.67	3.86	3.27	2.18	2.42	3.00	1.47	---	---	12.08	5.85
1986/87	5.29	3.55	3.45	2.78	1.69	0.95	3.36	3.27	0.95	---	---	6.44
1987/88	3.91	4.01	3.93	2.84	2.24	2.62	3.08	2.43	-0.17	---	---	5.80
1988/89	2.41	3.12	2.20	1.74	2.63	2.49	2.70	2.42	-0.96	---	10.75	5.58
1989/90	3.55	3.81	7.45	8.85	10.82	8.98	6.55	3.24	---	---	---	3.45
1990/91	5.11	4.76	6.10	6.89	7.82	5.41	4.74	4.82	---	---	---	---
1991/92	3.66	3.72	3.96	3.84	3.89	4.40	4.29	4.24	3.35	---	---	8.46
1992/93	3.95	3.86	4.07	3.55	2.28	2.43	0.27	0.60	0.99	1.50	---	1.87
1993/94	3.41	2.82	2.52	2.68	1.81	0.45	1.28	0.84	1.02	---	---	2.62
1994/95	3.92	3.02	2.10	3.52	3.20	1.07	3.91	4.78	-4.00	---	13.42	6.42
1995/96	3.72	3.85	3.14	3.35	1.39	1.52	1.32	2.91	-3.13	---	13.62	7.24
1996/97	5.82	5.12	2.49	3.38	2.28	1.51	0.57	0.29	1.28	---	---	---
1997/98	1.72	1.27	2.16	3.02	1.99	2.34	2.86	3.18	2.36	---	---	---
1998/99	---	3.79	2.58	1.88	3.03	2.59	5.54	3.71	5.72	---	---	---
1999/2000	---	4.37	2.59	2.04	2.25	0.73	-0.02	-0.45	0.16	---	---	---
2000/01	2.39	3.12	2.91	1.56	4.27	4.83	3.57	3.27	---	---	---	---
2001/02	4.61	5.62	4.61	4.02	3.62	1.36	5.24	3.62	---	---	---	---
2002/03	4.95	5.05	4.05	4.65	4.25	6.25	5.59	---	---	---	---	8.05
2003/04	2.75	3.75	4.55	3.85	3.35	3.95	5.65	---	---	---	---	---
2004/05	---	15.42	9.82	3.52	9.62	10.62	11.02	---	---	---	---	---
2005/06	11.28	10.28	12.88	9.98	5.68	12.58	10.78	10.78	---	---	---	---
2006/07	11.94	12.84	7.64	5.64	---	---	---	---	---	---	---	---
2007/08	5.50	6.70	5.20	---	---	5.20	5.60	---	---	---	---	---
2008/09	---	---	---	---	---	---	---	---	---	---	---	---
2009/10	---	---	---	---	---	---	---	---	---	---	---	---
2010/11	---	---	---	---	---	---	---	---	---	---	---	---
2011/12	---	---	---	---	---	---	---	---	---	---	---	---

--- = Insufficient marketing to establish price.¹ Net content of box was 64 lbs, beginning with the 1993/94 season, box weight is 67 lbs.

Source: USDA, National Agricultural Statistics Service, *Citrus Fruits Summary*, various issues.

Table C-6--All grapefruit: Monthly equivalent-on-tree returns received by growers, California, 1980/81 to date

Season	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.
--Dollars/box ¹ --												
1980/81	3.19	3.44	2.65	2.55	2.79	2.98	2.76	3.57	4.29	3.07	5.69	3.17
1981/82	3.78	4.80	3.64	2.18	1.15	1.05	1.28	1.47	3.40	1.42	1.48	1.74
1982/83	1.97	1.46	1.12	0.90	1.20	1.05	1.49	1.96	2.47	2.76	2.58	3.31
1983/84	3.36	3.59	4.08	3.93	2.59	2.50	3.13	2.30	2.44	2.47	3.42	3.89
1984/85	7.50	7.74	7.52	5.38	5.35	2.90	4.82	4.93	6.22	5.80	7.64	4.37
1985/86	9.61	8.06	8.04	5.97	6.13	3.33	4.11	6.76	6.03	6.14	8.05	--
1986/87	6.20	5.40	5.66	4.53	4.41	3.60	4.13	4.59	5.53	4.30	4.47	5.32
1987/88	8.58	6.24	5.84	5.51	4.07	3.39	3.71	3.97	5.01	5.46	5.26	5.32
1988/89	5.62	6.33	5.20	2.47	2.58	2.96	2.85	3.58	5.52	6.26	7.43	6.76
1989/90	7.19	5.97	10.00	8.07	8.85	7.60	7.74	8.04	5.63	3.17	1.03	1.57
1990/91	6.05	7.81	8.42	5.68	6.03	5.46	4.50	5.88	5.07	3.88	1.59	1.71
1991/92	6.85	7.13	5.46	4.20	4.35	4.33	4.17	4.70	4.08	3.91	4.39	4.12
1992/93	8.38	6.27	5.34	3.26	2.15	1.24	0.62	2.38	4.50	3.50	9.89	7.81
1993/94	7.97	4.92	4.55	2.33	1.92	1.91	2.82	3.77	4.63	3.94	5.61	2.03
1994/95	5.96	4.36	4.94	1.82	1.50	2.15	1.80	3.75	3.24	5.72	4.56	8.21
1995/96	10.20	7.35	4.52	3.98	2.63	2.47	5.37	4.54	3.11	4.38	8.02	10.06
1996/97	10.87	9.46	6.77	4.43	2.62	2.29	2.03	4.81	6.81	3.81	3.56	1.76
1997/98	3.97	6.29	6.16	3.64	3.38	3.22	3.30	4.68	6.73	8.92	13.49	13.86
1998/99	11.70	10.94	11.18	7.15	5.48	3.84	10.02	11.98	9.83	6.18	3.70	5.14
1999/2000	9.72	9.88	9.10	7.55	6.23	4.48	4.99	6.60	5.59	4.65	6.20	6.92
2000/01	7.91	8.41	7.93	6.48	7.19	6.51	8.00	7.17	6.10	4.98	6.88	5.95
2001/02	6.86	8.12	7.43	7.43	3.56	4.59	6.01	6.35	6.28	5.28	5.23	5.26
2002/03	9.95	11.11	8.43	7.63	5.08	7.93	9.99	11.21	8.83	7.03	13.85	10.18
2003/04	7.01	6.68	6.57	5.87	2.71	5.11	7.13	7.01	6.21	5.84	13.02	9.07
2004/05	10.57	9.59	10.54	10.31	8.77	17.51	15.95	15.33	13.83	10.93	16.77	12.35
2005/06	7.91	7.33	7.32	6.70	5.81	10.84	13.42	10.98	11.07	10.18	11.38	12.21
2006/07	8.82	11.96	11.02	11.88	4.25	7.78	10.07	9.98	8.95	7.62	8.55	9.31
2007/08	6.20	7.00	6.30	6.70	3.20	8.10	9.00	6.50	5.40	3.50	5.50	5.90
2008/09	1.65	2.65	4.35	4.45	2.05	7.95	6.55	7.05	6.05	5.05	6.55	2.55
2009/10	4.30	6.40	0.40	3.90	8.30	5.90	5.70	5.40	4.10	2.70	4.70	1.10
2010/11	7.60	9.60	12.30	4.30	8.50	12.50	10.40	9.50	8.20	7.10	9.50	7.00
2011/12	3.43	5.83	7.63	8.53	11.63	13.23	13.83	15.43	13.23	10.33	10.13	9.13
2012/13	9.76	2.36	7.86	11.66	5.56	12.46	8.26	8.76	6.66	6.36	8.76	7.96
2013/14	6.29	7.70	6.88	8.25	8.23	9.23	6.90	6.62	7.88	8.05	13.10	12.51
2014/15	10.63	14.95	12.38	6.98	7.81	8.82	6.11	8.96	5.77	5.63	7.55	5.99
2015/16	16.17	18.16	17.07	15.17	14.25	13.77	15.43	13.99	15.03	14.78	--	24.12
2016/17	20.93	20.43	17.73	16.57	15.62	13.38	16.68	15.47	14.28	14.71	15.05	18.08
2017/18	20.94	20.84	22.24	19.06	17.82	18.12	16.98	14.35	13.34	9.57	14.8	14.48
2018/19	21.14	21.74	20.14	17.62	13.12	13.92	14.02	11.92	11.34	5.81		

-- = Insufficient marketing to establish price. ¹ Net content of box was 64 lbs, for desert areas; for marketing years 1993/94-2009/10,

box weight is 67 lbs. From 2010/11 onward, box weight is 80 lbs.

Source: USDA, National Agricultural Statistics Service, *Citrus Fruits Summary*, various issues.

Table C-7--All grapefruit: Monthly equivalent-on-tree returns received by growers, Florida, 1980/81 to date

Season	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.
--Dollars/box ¹ --												
1980/81	4.13	3.30	3.25	3.23	3.31	3.61	4.46	5.34	6.09	---	---	---
1981/82	4.27	2.48	2.36	1.86	1.59	1.50	2.43	3.22	---	---	---	3.59
1982/83	2.63	1.87	1.90	1.66	1.43	1.72	2.36	2.75	---	---	---	---
1983/84	3.78	2.18	1.99	2.59	2.24	2.76	3.62	3.84	4.04	---	---	---
1984/85	4.60	4.10	3.95	3.87	3.49	3.22	3.71	4.15	---	---	---	---
1985/86	4.69	3.58	3.78	3.86	3.89	4.04	4.71	5.64	7.24	---	---	---
1986/87	---	7.14	4.64	4.69	4.72	4.67	4.87	5.22	6.24	---	---	---
1987/88	9.17	6.23	5.79	5.58	5.50	5.19	5.20	5.12	---	---	---	---
1988/89	7.78	5.26	4.47	4.47	4.14	4.00	4.45	4.69	---	---	---	7.54
1989/90	6.01	5.68	6.90	4.87	4.84	6.57	6.04	---	---	---	---	7.66
1990/91	7.17	6.35	5.34	5.71	4.73	5.72	5.88	4.72	---	---	---	9.19
1991/92	6.67	6.55	6.15	6.04	6.22	7.23	8.14	---	---	---	---	---
1992/93	6.28	4.24	3.78	2.77	2.66	1.81	2.10	1.60	1.50	---	---	---
1993/94	7.55	4.81	3.72	3.44	3.12	2.87	2.65	1.35	1.41	---	---	7.00
1994/95	4.39	2.07	1.77	2.12	2.02	1.77	1.32	1.05	---	---	---	---
1995/96	4.78	2.20	1.49	1.69	1.68	1.56	2.07	2.29	---	---	---	---
1996/97	5.24	2.75	1.94	1.99	1.52	1.05	0.90	0.53	1.42	---	---	---
1997/98	3.65	1.93	2.10	1.53	1.19	0.70	0.65	0.34	---	---	---	---
1998/99	4.53	2.91	2.31	2.35	2.02	1.82	2.08	2.12	---	---	---	---
1999/2000	7.09	4.27	4.30	4.36	3.76	3.18	2.80	2.27	1.68	---	---	---
2000/01	4.89	2.94	2.44	2.30	2.38	1.98	1.65	1.44	1.61	---	---	---
2001/02	6.46	3.64	2.69	2.76	2.10	1.85	1.61	1.37	---	---	---	---
2002/03	5.37	3.61	2.67	2.42	2.18	1.80	1.37	1.24	---	---	---	---
2003/04	7.02	4.54	3.95	3.37	3.15	2.81	2.19	2.42	---	---	---	---
2004/05	15.23	16.21	14.48	14.84	12.91	11.29	10.79	10.82	---	---	---	---
2005/06	7.81	6.88	8.78	9.98	8.82	6.80	5.81	3.47	---	---	---	---
2006/07	11.41	8.17	7.01	5.48	3.77	3.01	2.30	3.09	---	---	---	---
2007/08	---	10.74	6.44	5.18	3.58	2.91	2.33	3.07	---	---	---	---
2008/09	11.86	4.77	3.75	3.60	3.49	3.36	1.95	---	---	---	---	---
2009/10	18.06	10.61	9.18	8.38	6.56	5.88	4.54	4.68	---	---	---	---
2010/11	10.09	12.55	8.24	6.43	6.34	5.64	4.54	4.81	---	---	---	---
2011/12	8.91	8.06	7.48	7.15	6.73	6.54	---	---	---	---	---	---
2012/13	12.85	8.16	7.99	7.45	5.48	4.66	4.15	---	---	---	---	---
2013/14	---	9.05	8.13	7.95	6.47	6.04	5.32	---	---	---	---	---
2014/15	12.34	9.98	9.15	7.17	6.21	5.73	4.57	---	---	---	---	---
2015/16	14.29	13.20	10.63	9.80	8.33	7.76	10.85	---	---	---	---	---
2016/17	19.55	12.40	10.91	10.41	9.94	9.85	7.55	---	---	---	---	---
2017/18	22.65	18.94	14.54	14.40	14.48	14.68	---	---	---	---	---	---
2018/19	13.00	13.08	13.90	14.45	14.60	12.16	10.89	---	---	---	---	---

-- = Insufficient marketing to establish price. ¹ Net content of box is 85 lbs.

Source: USDA, National Agricultural Statistics Service, *Citrus Fruits Summary*, various issues.

Table C-8--All grapefruit: Monthly equivalent-on-tree returns received by growers, Texas, 1980/81 to date

Season	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.
--Dollars/box ¹ --												
1980/81	4.57	3.66	2.99	2.71	3.09	3.36	3.44	---	---	---	---	---
1981/82	4.75	2.98	2.11	1.68	1.92	1.32	1.04	0.92	0.82	---	---	---
1982/83	2.97	2.26	2.33	0.94	0.72	0.59	0.56	0.95	0.55	---	---	---
1983/84	---	2.50	2.13	2.12	0.52	---	---	---	---	---	---	---
1984/85	---	8.70	7.90	5.92	---	---	---	---	---	---	---	---
1985/86	---	8.70	7.90	5.92	---	---	---	---	---	---	---	---
1986/87	10.17	9.97	8.74	5.39	5.12	5.69	4.47	7.00	---	---	---	---
1987/88	9.69	8.90	7.68	5.50	4.92	4.08	3.93	4.05	---	---	---	---
1988/89	7.51	7.36	6.15	3.95	3.02	1.98	2.34	3.18	---	---	---	---
1989/90	7.88	7.13	5.39	3.55	---	---	---	---	---	---	---	---
1990/91	---	---	---	---	---	---	---	---	---	---	---	---
1991/92	---	12.80	14.00	14.00	---	---	---	---	---	---	---	---
1992/93	---	10.64	10.48	5.99	4.94	3.29	3.24	2.07	---	---	---	---
1993/94	9.18	6.75	5.55	3.10	2.15	2.15	1.91	1.46	---	---	---	---
1994/95	6.44	3.12	2.67	2.34	2.14	2.02	1.33	0.87	---	---	---	---
1995/96	9.80	5.62	3.82	3.75	2.65	2.32	2.14	2.07	---	---	---	---
1996/97	5.85	3.92	3.52	2.85	2.15	2.16	2.17	1.77	---	---	---	---
1997/98	5.92	4.67	3.69	3.05	3.56	2.80	3.13	2.88	---	---	---	---
1998/99	11.63	8.04	6.54	4.19	3.63	2.78	2.83	2.72	---	---	---	---
1999/2000	11.94	8.63	5.14	4.72	3.60	3.99	2.66	2.21	---	---	---	5.35
2000/01	4.27	3.84	2.00	1.52	1.06	0.87	0.48	0.19	0.49	---	---	---
2001/02	10.89	5.98	4.99	2.38	1.95	0.75	1.13	0.84	0.57	---	---	---
2002/03	8.38	3.44	1.77	1.64	1.16	1.35	1.47	3.52	---	---	---	---
2003/04	8.55	4.74	3.66	2.37	1.89	1.75	1.81	1.39	---	---	---	---
2004/05	28.17	19.00	15.83	12.95	10.48	8.28	6.52	6.58	---	---	---	---
2005/06	23.80	16.15	13.21	10.97	9.32	9.47	8.83	9.76	---	---	---	---
2006/07	27.47	10.25	9.03	5.97	5.75	4.85	3.26	4.16	---	---	---	---
2007/08	16.89	10.08	6.49	5.43	5.70	4.12	3.71	3.67	---	---	---	---
2008/09	12.72	8.64	8.14	6.21	4.81	4.99	3.90	3.75	---	---	---	---
2009/10	---	12.65	8.98	13.71	11.56	6.53	3.30	3.89	---	---	---	---
2010/11	9.62	12.63	7.04	6.12	5.66	5.91	4.91	---	---	---	---	---
2011/12	14.79	7.25	5.51	5.73	6.29	6.55	3.09	---	---	---	---	---
2012/13	19.22	13.83	12.07	10.71	6.49	5.58	1.12	---	---	---	---	---
2013/14	20.10	14.81	12.80	9.17	5.13	4.95	3.88	4.07	---	---	---	---
2014/15	13.90	10.67	8.45	7.80	6.56	5.49	5.53	3.01	---	---	---	---
2015/16	19.00	13.72	9.53	8.18	7.20	7.43	7.30	---	---	---	---	---
2016/17	26.55	15.90	12.46	9.97	8.08	9.00	9.09	---	---	---	---	---
2017/18	27.65	17.96	12.22	12.39	9.98	8.87	8.75	---	---	---	---	---
2018/19	---	16.84	13.47	10.73	9.05	6.63	6.92	(D)	---	---	---	---

--- = Insufficient marketing to establish price. (D) = Withheld to avoid disclosing data for individual operations. ¹ Net content of box is 80 lbs.

Source: USDA, National Agricultural Statistics Service, *Citrus Fruits Summary*, various issues.

Table C-9--All grapefruit: Monthly equivalent-on-tree returns received by growers, United States, 1980/81 to date

Season	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep
--Dollars/box--												
1980/81	3.34	3.20	3.10	3.25	3.50	4.05	3.90	4.09	3.84	3.07	5.69	4.32
1981/82	2.65	2.31	1.84	1.64	1.46	1.98	2.07	1.13	2.93	1.42	3.23	3.59
1982/83	2.69	1.94	1.99	1.52	1.24	1.48	1.73	1.82	1.85	2.12	2.58	2.58
1983/84	3.77	2.26	2.04	2.55	2.22	2.75	3.46	3.54	2.63	2.44	2.47	3.42
1984/85	4.60	4.54	4.33	4.21	3.63	3.30	3.55	4.26	4.51	6.22	5.80	6.10
1985/86	4.03	4.88	4.71	4.57	4.53	2.65	1.30	2.44	6.68	6.03	6.14	8.22
1986/87	7.53	4.88	4.82	4.75	4.67	4.85	4.97	4.93	4.31	5.45	4.30	4.47
1987/88	8.68	6.54	5.97	5.56	5.45	5.10	5.02	4.74	3.52	4.93	5.46	5.26
1988/89	7.29	5.38	4.72	4.40	4.00	3.83	4.24	4.29	3.32	5.44	6.26	7.61
1989/90	6.09	5.94	6.57	5.03	5.00	7.02	7.37	7.48	7.95	5.63	3.17	5.87
1990/91	6.78	6.32	5.36	5.78	4.76	5.78	5.79	4.69	5.68	5.07	3.88	6.92
1991/92	6.44	6.55	6.19	5.99	6.13	6.96	6.69	4.22	4.61	4.02	3.91	4.39
1992/93	6.15	4.64	4.08	3.00	2.78	1.86	2.09	1.45	1.78	3.97	3.42	9.89
1993/94	7.30	5.14	3.92	3.45	3.04	2.80	2.57	1.59	2.45	4.03	3.94	6.52
1994/95	4.47	2.44	1.94	2.19	2.03	1.79	1.39	1.59	3.98	3.11	5.72	4.63
1995/96	5.34	2.55	1.85	1.87	1.76	1.60	2.08	3.24	4.24	2.82	4.28	8.09
1996/97	5.67	3.15	2.19	2.17	1.63	1.14	1.00	0.75	3.04	6.72	3.81	3.56
1997/98	3.66	2.35	2.43	1.79	1.44	0.89	0.89	0.99	4.42	6.46	8.92	13.49
1998/99	5.76	3.79	3.11	2.69	2.22	1.94	2.25	4.91	10.44	9.78	6.18	3.70
1999/2000	7.72	5.11	4.56	4.53	3.79	3.25	2.82	2.51	3.76	5.35	4.65	6.14
2000/01	4.99	3.24	2.49	2.32	2.33	1.92	1.65	1.97	4.06	6.10	4.98	6.88
2001/02	6.93	4.06	3.13	2.83	2.14	1.81	1.65	1.87	5.62	6.28	5.28	5.23
2002/03	5.69	3.78	2.77	2.55	2.13	1.79	2.00	6.02	11.21	8.83	7.03	13.85
2003/04	7.23	4.70	4.05	3.44	3.07	2.72	2.26	3.46	7.01	6.21	5.84	13.02
2004/05	12.88	15.93	14.42	13.74	11.96	10.24	10.37	11.16	15.33	13.83	10.93	16.77
2005/06	9.67	8.41	9.51	10.02	8.81	7.15	6.89	11.61	10.97	11.07	10.18	11.38
2006/07	11.70	8.46	8.11	5.81	4.26	3.29	2.68	4.94	9.98	8.95	7.62	8.55
2007/08	11.42	10.39	6.48	5.27	3.92	3.09	2.85	4.72	6.50	5.40	3.50	5.50
2008/09	10.45	5.34	4.41	4.03	3.74	3.68	3.07	5.55	7.05	6.05	5.05	6.55
2009/10	16.41	10.89	8.96	8.99	7.19	6.03	4.21	4.75	5.40	4.10	2.70	4.70
2010/11	7.62	12.28	8.05	6.85	6.19	5.75	5.17	7.64	9.50	8.20	7.10	9.50
2011/12	8.67	8.04	7.33	6.84	6.63	6.88	10.23	9.65	15.43	13.23	10.33	10.13
2012/13	12.49	8.29	7.34	7.48	5.72	4.70	4.99	8.26	8.76	6.66	6.36	8.76
2013/14	7.96	9.62	8.90	8.16	6.26	5.89	5.18	5.43	6.62	7.88	8.05	13.40
2014/15	12.33	10.25	9.61	7.60	6.29	5.85	5.60	5.15	8.96	5.77	5.63	7.79
2015/16	13.21	13.63	11.70	10.41	8.65	8.49	12.91	15.23	13.93	15.03	14.78	--
2016/17	19.08	13.76	12.58	11.07	10.78	11.32	14.17	16.56	15.37	14.28	--	14.66
2017/18	20.91	19.27	15.43	15.10	14.97	15.88	18.07	16.94	14.35	13.34	9.57	15.16
2018/19	20.61	20.89	18.68	15.99	14.61	11.44	13.51	13.94	11.95	11.34	5.81	

Source: USDA, National Agricultural Statistics Service, *Citrus Fruits Summary*, various issues.

Table C-10--Processed grapefruit: Florida, 1980/81 to date

Season	Frozen concentrate	Chilled juice	Other processed ¹	Total
-- 1,000 boxes ² --				
1980/81	19,490	3,489	10,154	33,133
1981/82	20,052	2,406	8,923	31,381
1982/83	13,977	1,731	5,379	21,087
1983/84	18,728	1,320	4,191	24,239
1984/85	22,996	1,065	4,951	29,012
1985/86	21,572	1,189	4,369	27,130
1986/87	24,143	2,295	2,424	28,862
1987/88	26,690	1,965	2,085	30,740
1988/89	26,621	2,626	1,601	30,848
1989/90	19,405	1,931	1,019	22,355
1990/91	17,413	3,391	373	21,177
1991/92	16,099	2,857	600	19,556
1992/93	26,595	4,852	549	31,996
1993/94	22,324	5,935	289	28,548
1994/95	27,343	5,815	303	33,461
1995/96	22,993	6,379	135	29,507
1996/97	24,981	7,135	447	32,563
1997/98	20,578	7,225	587	28,390
1998/99	19,050	7,516	563	27,129
1999/2000	24,070	10,397	716	35,183
2000/01	21,201	6,362	947	28,510
2001/02	21,686	6,414	1,206	29,306
2002/03	15,958	6,221	932	23,111
2003/04	17,186	6,586	471	24,243
2004/05	2,466	2,763	152	5,381
2005/06	8,002	4,122	262	12,386
2006/07	11,560	4,425	256	16,241
2007/08	10,444	5,197	336	15,977
2008/09	8,425	3,702	234	12,361
2009/10	6,038	4,584	321	10,943
2010/11	6,967	4,131	269	11,367
2011/12	6,873	3,830	218	10,921
2012/13	6,103	4,232	272	10,607
2013/14	4,733	4,048	179	8,960
2014/15	3,835	3,158	199	7,192
2015/16	2,770	3,041	43	5,854
2016/17	1,814	2,363	46	4,223
2017/18	556	1,556	25	2,136
2018/19	602	1,975	13	2,589

¹ Beginning 1981/82 includes canned juices, blends, and sections and salads. Beginning in 1996/97, Florida Citrus Processors Association moved residual processed use to other processed, and chilled product is now almost all not from concentrate juice.

² Net box weight 85 lbs.

Source: USDA, National Agricultural Statistics Service, *Citrus Fruits Summary*, various issues and Florida Department of Citrus, *Weekly Processors Reports*, various issues.

Table C-11--Frozen concentrated grapefruit juice: Processors' stocks, pack, supplies, and movement, Florida, 1980/81 to date

Season ¹	Carryin	Pack	Supply	Movement	Ending inventory
<i>--Million gallons (40 degrees Brix)--</i>					
1980/81	4.9	21.1	26.0	17.6	8.4
1981/82	8.4	21.9	30.3	18.9	11.4
1982/83	11.4	15.1	26.5	21.1	5.4
1983/84	5.4	20.2	25.6	21.6	4.0
1984/85	4.0	25.3	29.3	25.9	3.4
1985/86	3.4	26.2	29.6	26.2	3.4
1986/87	3.4	30.2	33.6	28.4	5.2
1987/88	5.2	33.5	38.7	28.9	9.8
1988/89	9.8	33.1	42.9	27.6	15.3
1989/90	15.2	22.7	37.9	25.4	12.5
1990/91	12.5	22.1	34.6	26.5	8.1
1991/92	8.1	20.6	28.7	24.6	4.1
1992/93	4.1	33.1	37.1	27.2	10.0
1993/94	10.0	26.9	36.9	27.3	9.6
1994/95	9.6	31.5	41.1	27.9	13.2
1995/96	13.2	26.9	40.7	27.4	13.3
1996/97	13.3	30.0	43.3	26.6	17.8
1997/98	17.8	24.2	42.0	29.1	13.3
1998/99	13.3	24.5	37.8	27.9	10.1
1999/2000	10.1	30.0	40.1	26.7	13.5
2000/01	13.5	27.5	41.0	25.5	15.4
2001/02	15.4	27.6	43.0	24.6	18.4
2002/03	18.4	20.4	38.8	23.1	15.7
2003/04	15.7	21.1	36.8	23.1	13.6
2004/05	13.2	4.8	18.0	12.8	5.3
2005/06	5.3	10.3	15.6	8.5	7.1
2006/07	7.1	16.3	23.4	12.6	10.8
2007/08	10.8	14.7	25.5	15.0	10.5
2008/09	10.5	11.3	21.8	12.9	9.0
2009/10	9.0	7.9	16.9	9.6	7.0
2010/11	7.0	9.3	16.3	11.3	4.4
2011/12	4.7	14.0	18.7	8.4	5.6
2012/13	5.6	12.2	17.8	8.5	5.3
2013/14	5.2	9.8	15.1	6.5	4.8
2014/15	4.8	7.9	12.7	5.9	4.2
2015/16	4.2	6.0	10.2	4.5	3.6
2016/17	3.6	3.7	7.4	4.1	2.4
2017/18	2.4	1.5	3.9	3.0	1.3
2018/19	1.3	1.7	3.0	1.3	1.7

Brix is the sugar content in the liquid.

¹ As of 1998/99, season begins in October; prior to then it began in December.

Source: Florida Citrus Processors Association; beginning 2005/06 data from Florida Department of Citrus.

Table C-12--Chilled grapefruit juice: Processors' stocks, pack, supplies, and movement, Florida, 1985/86 to date

Season ¹	Carryin	Pack	Supply	Domestic movement	Exports	Ending inventory
<i>--Million gallons (single strength)--</i>						
1985/86	1.6	34.0	35.6	33.6	na	2.0
1986/87	2.0	37.6	39.6	37.5	na	1.9
1987/88	1.9	37.0	38.9	36.3	na	2.5
1988/89	2.5	38.7	41.2	36.2	na	3.8
1989/90	3.8	34.6	38.4	32.9	na	3.1
1990/91	3.1	38.4	41.5	31.7	na	5.7
1991/92	5.7	35.8	41.5	31.8	na	na
1992/93	na	61.2	61.2	37.7	na	na
1993/94	na	79.4	79.4	43.0	na	10.0
1994/95	10.0	84.8	94.8	44.7	na	12.2
1995/96	12.2	82.3	94.5	45.3	na	10.9
1996/97	10.9	94.9	105.8	46.9	na	14.8
1997/98	14.8	100.9	115.7	53.0	na	12.9
1998/99	12.9	107.3	120.2	56.4	na	11.4
1999/2000	11.4	110.0	121.4	40.4	7.9	21.2
2000/01	21.2	92.1	113.3	36.7	9.1	14.9
2001/02	14.9	90.3	105.2	30.4	8.6	13.4
2002/03	13.4	76.0	89.4	28.6	10.5	10.3
2003/04	10.3	74.3	84.6	22.4	11.3	12.5
2004/05	12.5	55.2	67.7	13.8	5.7	11.7
2005/06	11.7	50.9	62.6	14.7	6.0	12.5
2006/07	12.5	57.1	69.6	13.7	9.9	13.8
2007/08	13.8	64.0	77.8	20.8	5.9	17.4
2008/09	17.4	55.4	72.8	19.6	9.3	10.7
2009/10	10.7	60.1	70.8	18.2	5.0	14.3
2010/11	14.3	45.2	59.5	17.8	6.6	14.3
2011/12	14.3	43.1	57.5	16.8	5.9	14.0
2012/13	14.0	45.3	59.3	16.0	6.4	12.9
2013/14	12.9	38.2	51.2	14.5	4.9	14.1
2014/15	14.1	31.9	46.0	14.2	4.9	11.1
2015/16	11.1	29.4	40.5	14.5	3.4	11.2
2016/17	11.2	27.7	38.9	13.9	2.6	9.9
2017/18	9.9	22.6	32.5	12.9	1.4	8.0
2018/19	8.0	23.7	31.7	11.7	0.9	9.9

na = not available. ¹ As of 1998/99, season begins in October; prior to then it began in December.

Source: Florida Citrus Processors Association; beginning 2005/06 data from Florida Department of Citrus.

Table C-13--Lemons: Acreage, yield per acre, and production, by State, 1980/81 to date

Season ¹	California			Arizona			United States		
	Bearing	Yield per	Production	Bearing	Yield per	Production	Bearing	Yield per	Production ²
	acreage	acre		acreage	acre		acreage	acre	
	1,000 acres	Short tons	1,000 short tons	1,000 acres	Short tons	1,000 short tons	1,000 acres	Short tons	1,000 short tons
1980/81	52.7	17.51	923	19.2	13.85	266	71.9	16.54	1,189
1981/82	54.2	12.97	703	21.6	11.06	239	75.8	12.43	942
1982/83	52.0	14.83	771	19.5	9.18	179	71.5	13.29	950
1983/84	51.5	12.74	656	18.3	7.27	133	69.8	11.29	789
1984/85	49.6	15.16	752	17.0	12.65	215	66.6	14.52	967
1985/86	48.8	11.76	574	16.5	7.15	118	65.3	10.60	692
1986/87	48.4	16.88	817	15.5	17.42	270	63.9	17.01	1,087
1987/88	49.0	13.18	646	15.5	8.97	139	64.5	12.17	785
1988/89	48.4	12.72	616	15.5	9.32	144	63.9	11.89	760
1989/90	47.8	12.56	600	15.5	6.86	106	63.3	11.15	706
1990/91	46.7	12.06	563	15.4	10.12	156	62.1	11.58	719
1991/92	46.4	12.35	574	15.7	12.35	194	62.1	12.33	766
1992/93	46.4	16.72	775	15.7	10.64	167	62.1	15.17	942
1993/94	45.5	17.29	787	15.6	12.65	198	61.1	16.11	984
1994/95	45.7	16.64	760	15.3	8.93	137	61.0	14.70	897
1995/96	46.4	17.21	798	14.9	13.00	194	61.3	16.18	992
1996/97	47.4	18.13	859	14.5	7.07	103	61.9	15.54	962
1997/98	48.7	16.38	798	14.0	7.07	99	62.7	14.31	897
1998/99	49.0	12.58	616	14.1	9.31	131	63.1	11.84	747
1999/2000	49.5	14.59	722	14.3	8.25	118	63.8	13.17	840
2000/01	50.5	17.02	859	14.8	9.23	137	65.3	15.25	996
2001/02	51.0	13.64	695	14.8	7.18	106	65.8	12.17	801
2002/03	50.0	18.24	912	14.8	7.71	114	64.8	15.83	1,026
2003/04	48.0	14.25	684	14.0	8.13	114	62.0	12.87	798
2004/05	48.0	16.23	779	13.5	6.76	91	61.5	14.15	870
2005/06	48.0	17.40	836	13.0	11.10	144	61.0	16.07	980
2006/07	48.0	14.63	703	12.5	7.60	95	60.5	13.19	798
2007/08	47.0	11.97	562	12.0	4.75	57	59.0	10.49	619
2008/09	47.0	16.99	798	12.0	9.50	114	59.0	15.46	912
2009/10	46.0	17.37	798	11.0	7.60	84	57.0	15.47	882
2010/11	45.0	18.24	820	10.0	10.00	100	55.0	16.73	920
2011/12	45.0	18.24	820	9.5	3.16	30	54.5	15.60	850
2012/13	45.0	18.68	840	9.0	8.00	72	54.0	16.89	912
2013/14	46.0	16.36	752	8.3	8.68	72	54.3	15.17	824
2014/15	47.0	17.52	824	8.3	9.64	80	55.3	16.35	904
2015/16	47.0	17.88	840	7.5	8.52	64	54.5	16.59	904
2016/17	47.0	17.44	820	7.3	8.48	62	54.3	16.24	882
2017/18	47.0	18.04	848	7.3	5.48	40	54.3	16.35	888
2018/19	47.0	19.40	912	7.3	7.40	54	54.3	17.79	966

¹ Season begins in September for Arizona and in August for California. ² Some figures may not add due to rounding.

Sources: USDA, National Agricultural Statistics Service, *Citrus Fruits Summary*, various issues; and USDA, Economic Research Service.

Table C-14--Lemons: Utilization of production, by State, 1980/81 to date

Season ¹	California		Arizona		United States ²	
	Fresh	Processed	Fresh	Processed	Fresh	Processed
--1,000 short tons--						
1980/81	348	576	85	181	433	757
1981/82	303	400	98	141	401	542
1982/83	352	420	84	94	436	514
1983/84	351	304	77	56	428	360
1984/85	355	397	86	129	441	526
1985/86	361	213	72	46	433	259
1986/87	380	437	89	181	469	618
1987/88	384	262	75	64	458	326
1988/89	391	224	75	69	467	293
1989/90	399	201	67	39	466	240
1990/91	357	206	92	64	448	270
1991/92	345	228	112	81	457	309
1992/93	376	399	99	68	475	467
1993/94	361	426	112	85	473	511
1994/95	414	346	92	45	506	391
1995/96	410	388	105	89	516	476
1996/97	439	420	59	44	498	464
1997/98	377	421	54	44	431	466
1998/99	372	244	89	42	461	286
1999/2000	441	281	77	41	518	322
2000/01	437	421	72	65	510	486
2001/02	476	220	72	34	548	253
2002/03	498	414	59	55	557	469
2003/04	464	220	76	38	540	258
2004/05	449	330	50	41	499	371
2005/06	604	232	82	62	686	294
2006/07	418	285	72	23	490	308
2007/08	357	205	37	20	394	225
2008/09	490	308	42	72	532	380
2009/10	441	357	42	41	484	398
2010/11	548	272	53	47	601	319
2011/12	636	184	19	11	655	195
2012/13	568	272	48	24	616	296
2013/14	580	172	50	22	630	194
2014/15	560	264	52	28	612	292
2015/16	640	200	55	9	695	209
2016/17	656	164	45	17	701	181
2017/18	648	200	32	8	680	208
2018/19	668	244	36	18	704	262

¹ Season beginning in August for California and September for Arizona. ² Some figures may not add due to rounding.

Sources: USDA, National Agricultural Statistics Service, *Citrus Fruits Summary*, various issues; and USDA, Economic Research Service.

Table C-15--All lemons: Equivalent-on-tree returns, by State, 1980/81 to date

Season ¹	California			Arizona			United States		
	Fresh	Processing	All	Fresh	Processing	All	Fresh	Processing	All
--Dollars/box ² --									
1980/81	6.22	-0.33	2.14	4.30	-0.24	1.21	5.84	-0.31	1.93
1981/82	7.64	-2.90	1.64	5.13	-2.90	0.39	7.03	-2.90	1.32
1982/83	6.20	-2.94	1.22	5.93	-2.92	1.25	6.14	-2.94	1.23
1983/84	8.16	-2.06	3.41	5.07	-3.12	1.63	7.54	-2.24	3.08
1984/85	10.58	-1.06	4.44	6.74	-1.91	1.54	9.80	-1.28	3.76
1985/86	14.28	-1.18	8.55	20.95	-1.23	12.28	15.43	-1.19	9.21
1986/87	10.54	-1.18	4.27	6.32	-1.10	1.35	9.74	-1.16	3.55
1987/88	13.44	-2.04	7.16	12.24	-2.04	5.65	13.24	-2.04	6.89
1988/89	15.37	-1.11	9.37	12.67	-1.15	6.05	14.93	-1.12	8.74
1989/90	18.23	0.16	12.17	17.93	-0.23	11.21	18.19	0.10	12.02
1990/91	21.00	-0.75	13.05	14.40	-0.60	8.22	19.65	-0.71	12.00
1991/92	16.25	-1.86	9.04	17.55	-1.84	9.41	16.57	-1.85	9.13
1992/93	14.91	-1.58	6.42	9.31	-1.55	4.90	13.74	-1.58	6.15
1993/94	16.39	-2.46	6.19	12.44	-2.17	6.12	15.45	-2.41	6.18
1994/95	16.22	-2.58	7.67	11.32	-2.61	6.73	15.33	-2.58	7.52
1995/96	14.82	-1.76	6.77	10.22	-1.76	4.74	13.88	-1.76	6.37
1996/97	17.22	-0.62	8.49	13.02	-0.62	7.23	16.72	-0.62	8.36
1997/98	15.52	-1.24	6.68	11.22	-1.13	5.66	14.98	-1.23	6.57
1998/99	16.72	-3.17	8.84	14.62	-3.19	8.90	16.31	-3.17	8.85
1999/2000	16.96	-2.60	9.34	17.36	-2.60	10.43	17.02	-2.60	9.49
2000/01	13.90	-3.60	5.31	8.60	-3.78	2.74	13.15	-3.62	4.96
2001/02	18.63	-3.93	11.50	17.23	-3.94	10.44	18.54	-3.93	11.36
2002/03	15.56	-4.04	6.66	14.54	-4.04	5.54	15.45	-4.04	6.53
2003/04	14.90	-4.91	8.52	9.90	-4.91	5.00	14.19	-4.91	8.01
2004/05	18.21	-5.03	8.35	16.11	-5.03	6.64	18.00	-5.03	8.17
2005/06	18.42	-5.68	11.72	11.42	-5.71	4.06	17.58	-5.69	10.59
2006/07	30.71	-5.84	15.89	23.81	-5.84	16.63	29.70	-5.84	15.98
2007/08	45.10	-5.97	26.47	45.60	-5.97	27.79	45.15	-5.97	26.59
2008/09	16.68	(D)	8.90	16.38	(D)	4.24	16.66	(D)	8.32
2009/10	(D)	(D)	11.52	(D)	(D)	9.14	(D)	(D)	11.29
2010/11	(D)	(D)	11.31	(D)	(D)	7.87	(D)	(D)	10.93
2011/12	(D)	(D)	15.27	(D)	(D)	11.27	(D)	(D)	15.13
2012/13	(D)	(D)	12.10	(D)	(D)	11.36	(D)	(D)	12.05
2013/14	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	25.40
2014/15	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	25.10
2015/16	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	27.44
2016/17	(D)	(D)	28.88	(D)	(D)	23.46	(D)	(D)	28.50
2017/18	(D)	(D)	25.94	(D)	(D)	27.94	(D)	(D)	26.03
2018/19	(D)	(D)	21.96	(D)	(D)	24.68	(D)	(D)	22.11

(D) = Withheld to avoid disclosing data for individual operations.

¹ Season begins in September for Arizona and in August for California. ² Net box weight is 76 lbs through marketing year 2009/10. From 2010/11 onward, net box weight is 80 lbs.Source: USDA, National Agricultural Statistics Service, *Citrus Fruits Summary*, various issues.

Table C-16--All lemons: Monthly equivalent-on-tree returns received by growers, Arizona, 1980/81 to 2013/14

Season	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
--Dollars/box ¹ --												
1980/81	7.83	4.99	2.43	1.37	0.77	0.22	0.10	0.05	0.36	---	---	---
1981/82	6.41	0.81	0.30	0.01	0.56	1.41	1.65	0.41	---	---	---	---
1982/83	5.65	1.65	1.40	0.55	0.22	0.37	0.19	0.03	---	---	---	---
1983/84	5.92	3.38	1.18	0.56	0.14	0.14	0.71	1.41	4.34	---	---	---
1984/85	7.32	2.55	1.30	1.75	0.89	-0.01	-1.15	-1.06	---	---	---	---
1985/86	27.05	30.22	10.16	6.78	5.00	1.88	-0.49	-0.81	10.10	---	---	---
1986/87	2.27	3.37	2.41	1.70	0.83	0.47	-0.09	-0.78	-2.32	---	---	---
1987/88	10.77	9.62	6.96	3.63	1.58	2.29	5.72	-1.28	---	---	---	---
1988/89	12.39	8.86	6.02	4.18	3.10	1.66	4.56	---	---	---	---	---
1989/90	18.89	16.72	10.22	6.65	6.59	6.21	---	---	---	---	---	---
1990/91	15.08	12.25	5.12	3.26	10.35	8.42	12.09	---	---	---	---	---
1991/92	28.92	21.69	12.82	5.59	4.21	2.06	1.61	1.55	---	---	---	17.72
1992/93	12.96	6.16	2.98	3.14	3.01	2.28	1.57	2.10	---	---	---	40.32
1993/94	31.83	15.82	4.46	2.16	1.04	-0.15	-0.67	-0.27	---	---	---	---
1994/95	27.78	10.92	5.38	4.03	3.48	1.59	2.59	---	---	---	---	25.42
1995/96	23.59	12.07	5.49	3.12	1.50	0.65	0.18	0.12	---	---	---	---
1996/97	15.76	12.94	7.98	5.79	4.15	2.48	1.28	---	---	---	---	---
1997/98	37.20	13.85	4.12	2.42	1.75	0.96	0.86	0.25	---	---	---	---
1998/99	22.82	22.97	11.63	6.41	7.67	3.45	1.08	1.13	---	---	---	---
1999/2000	24.20	18.66	8.96	9.37	6.99	4.73	3.82	1.80	---	---	---	---
2000/01	14.52	6.92	2.86	1.89	0.82	-1.05	-1.93	---	---	---	---	---
2001/02	26.63	24.30	14.17	9.03	7.79	5.42	2.41	---	---	---	---	---
2002/03	19.18	16.68	8.54	4.73	2.76	-0.97	-1.75	-1.76	---	---	---	---
2003/04	14.20	12.10	5.14	3.69	2.28	0.77	---	---	---	---	---	---
2004/05	20.31	18.31	6.68	4.93	4.40	1.24	3.16	---	---	---	---	---
2005/06	13.92	12.52	6.58	2.36	0.99	-0.46	0.21	---	---	---	---	---
2006/07	34.71	30.05	19.78	11.69	9.27	20.19	---	---	---	---	---	---
2007/08	---	44.72	24.21	21.40	27.94	---	---	---	---	---	---	---
2008/09	19.91	15.16	7.58	5.07	3.46	-0.02	-2.17	---	---	---	---	---
2009/10	---	10.13	11.10	8.35	8.01	8.13	---	---	---	---	---	---
2010/11	---	---	---	---	---	---	---	---	---	---	---	---
2011/12	---	---	---	---	---	---	---	---	---	---	---	---
2012/13	---	---	---	---	---	---	---	---	---	---	---	---
2013/14	---	---	---	---	---	---	---	---	---	---	---	---

--- = Insufficient marketing to establish price, or price not published to avoid disclosure of individual firms. ¹ Net content of box is 76 lbs through 2009/10.

Beginning in 2010/11, net box weight is 80 lbs.

Source: USDA, National Agricultural Statistics Service, *Citrus Fruits Summary*, various issues.

Table C-17--All lemons: Monthly equivalent-on-tree returns received by growers, California, 1980/81 to date

Season	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
--Dollars/box ¹ --												
1980/81	8.99	5.57	3.73	2.30	0.89	0.53	0.22	0.51	0.78	1.01	1.88	6.89
1981/82	7.30	6.94	0.17	1.40	1.06	0.84	1.56	0.09	1.21	2.57	2.95	7.47
1982/83	6.50	6.23	1.63	0.57	0.18	0.86	0.92	0.42	0.92	0.55	2.67	7.27
1983/84	6.66	6.30	5.16	0.95	0.13	0.53	0.65	0.11	1.36	5.33	11.69	11.30
1984/85	12.11	10.27	4.31	1.87	2.79	2.09	1.43	1.73	1.74	4.16	7.47	12.09
1985/86	22.09	22.26	18.40	11.09	8.16	7.15	5.01	4.36	4.51	4.56	7.88	8.92
1986/87	4.06	1.16	3.04	2.57	1.96	2.36	2.98	3.38	3.44	5.01	8.58	10.76
1987/88	12.26	8.94	7.74	3.99	2.74	1.64	2.27	5.92	6.58	8.04	12.09	13.42
1988/89	16.10	12.19	6.69	5.73	4.65	4.80	5.10	5.89	8.03	11.96	14.95	15.57
1989/90	16.70	16.71	14.10	9.25	7.64	9.38	10.16	10.24	11.19	12.20	13.24	13.40
1990/91	10.90	11.83	10.47	4.48	2.91	5.96	10.65	14.04	17.70	20.69	18.47	22.04
1991/92	19.83	20.33	17.88	11.37	2.35	3.53	4.88	6.22	6.88	7.14	8.65	8.90
1992/93	9.05	10.92	5.92	1.65	2.03	2.94	2.75	2.70	3.59	6.82	15.56	17.66
1993/94	22.07	21.09	13.20	7.07	2.27	0.43	0.19	1.01	2.68	4.43	9.79	10.40
1994/95	28.01	20.25	8.98	5.95	2.71	4.23	2.05	2.65	3.60	9.24	18.89	20.23
1995/96	19.13	15.65	10.03	5.97	3.56	2.10	1.85	2.69	4.88	7.09	11.40	13.52
1996/97	15.24	14.16	9.81	8.18	6.74	4.34	1.83	1.98	5.28	15.34	25.14	29.44
1997/98	23.66	18.60	10.58	4.70	2.95	2.04	1.78	1.74	2.84	6.88	16.45	23.33
1998/99	23.03	17.46	19.42	12.12	6.76	7.30	4.84	5.22	6.04	7.87	10.07	13.76
1999/2000	16.97	19.87	15.38	10.99	11.67	11.45	9.70	8.66	5.51	3.65	6.85	11.91
2000/01	13.44	8.92	4.23	2.00	1.72	0.73	0.79	1.42	3.70	5.44	9.05	15.86
2001/02	18.46	15.19	17.90	15.52	9.54	6.46	4.40	5.98	8.47	10.58	15.50	17.72
2002/03	20.28	18.37	14.72	9.91	6.63	3.55	1.20	0.65	4.63	5.49	5.77	6.24
2003/04	12.39	9.62	6.14	5.01	3.06	1.95	3.84	6.75	9.08	11.81	14.31	14.04
2004/05	17.86	17.04	14.82	10.26	8.47	7.90	6.24	4.80	5.64	4.16	12.86	10.75
2005/06	12.32	10.38	7.93	9.12	7.26	4.92	11.74	9.54	13.49	15.09	16.99	18.89
2006/07	22.32	26.49	24.81	22.83	13.96	13.54	29.87	10.29	9.63	9.62	13.04	15.41
2007/08	33.53	33.08	34.28	34.43	23.47	22.74	28.15	24.06	24.29	20.70	26.79	25.72
2008/09	28.00	25.65	10.95	10.64	7.71	6.25	3.12	2.29	4.66	6.01	11.30	13.33
2009/10	10.63	17.60	18.20	16.94	14.00	10.95	9.23	9.14	9.48	8.59	11.24	13.73
2010/11	17.01	17.58	20.20	20.35	10.35	9.15	4.54	6.07	8.54	10.61	12.32	15.83
2011/12	22.77	17.98	12.70	13.62	14.29	13.61	12.08	12.57	15.55	17.19	16.10	17.29
2012/13	14.03	15.47	14.77	14.59	11.93	11.01	7.42	7.35	8.83	14.77	15.89	18.35
2013/14	26.86	27.24	32.29	27.43	24.24	21.83	21.80	20.82	22.39	24.54	29.91	40.40
2014/15	33.68	35.88	37.81	28.64	21.98	18.73	13.31	15.67	21.65	31.76	37.43	37.67
2015/16	--	31.16	33.33	29.75	24.59	24.15	22.37	24.93	25.09	31.67	30.43	28.37
2016/17	--	31.29	31.21	27.50	22.99	23.61	25.31	24.64	27.10	31.30	40.90	41.85
2017/18	--	29.42	24.65	27.91	31.53	30.85	23.75	20.72	18.20	21.73	29.14	40.34
2018/19	--	49.60	40.68	31.36	29.96	22.87	16.19	15.59	13.38	16.25	19.43	22.12

--- = Insufficient marketing to establish price.

¹ Net content of box is 76 lbs through 2009/10. Beginning in 2010/11, net box weight is 80 lbs.Source: USDA, National Agricultural Statistics Service, *Citrus Fruits Summary*, various issues.

Table C-18--All lemons: Monthly equivalent-on-tree returns received by growers, United States, 1980/81 to date

Season	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
--Dollars/box ¹ --												
1980/81	8.99	5.74	4.13	2.37	1.15	0.62	0.22	0.40	0.66	1.00	1.88	6.89
1981/82	7.30	6.69	0.51	0.76	0.48	0.75	1.53	0.26	1.19	2.57	2.95	7.47
1982/83	6.50	6.03	1.64	1.07	0.35	0.68	0.82	0.41	0.89	0.55	2.67	7.27
1983/84	6.66	6.20	4.19	1.08	0.31	0.44	0.60	0.15	1.36	5.33	11.69	11.30
1984/85	12.11	8.95	3.35	1.52	2.27	1.75	1.09	1.06	1.59	4.16	7.47	12.09
1985/86	22.09	23.60	23.90	10.52	7.48	6.59	4.39	4.06	4.43	4.65	7.78	8.92
1986/87	4.06	1.41	3.19	2.48	1.86	1.68	2.09	2.57	3.09	4.76	8.58	10.76
1987/88	12.26	9.26	8.79	5.49	3.09	1.62	2.27	5.91	6.56	8.04	12.09	13.42
1988/89	16.10	12.23	7.90	5.87	4.43	4.33	4.75	5.87	8.03	11.96	14.95	15.57
1989/90	16.70	17.22	15.11	9.71	7.17	8.67	9.89	10.24	11.19	12.20	13.24	13.40
1990/91	10.90	12.52	11.20	8.84	3.05	7.32	9.77	13.98	17.70	20.69	18.47	22.04
1991/92	19.83	22.65	19.98	12.18	4.40	3.93	3.68	5.67	6.72	7.14	8.65	8.90
1992/93	9.56	11.67	6.01	2.24	2.54	2.96	2.67	2.65	3.56	6.82	15.56	17.66
1993/94	22.92	24.48	14.26	5.52	2.22	0.65	0.08	0.79	2.64	4.43	9.79	10.40
1994/95	28.01	22.01	9.45	5.83	3.16	3.88	1.99	2.64	3.60	9.24	18.89	20.23
1995/96	19.18	17.51	10.54	5.84	3.39	1.88	1.44	2.28	4.80	7.09	11.40	13.52
1996/97	15.24	14.36	10.35	8.15	6.45	4.30	1.86	1.97	5.28	15.34	25.14	29.44
1997/98	23.66	20.77	11.39	4.52	2.80	1.98	1.67	1.72	2.79	6.88	16.45	23.33
1998/99	23.03	18.52	20.62	11.94	6.66	7.39	4.46	4.32	5.97	7.87	10.07	13.76
1999/2000	16.97	20.69	16.52	10.08	10.72	9.80	8.65	8.51	5.47	3.65	6.85	11.91
2000/01	13.44	9.77	4.94	2.32	1.78	0.76	0.49	1.27	3.70	5.44	9.05	15.86
2001/02	18.46	15.43	19.15	14.95	9.34	6.91	4.60	5.88	8.47	10.58	15.50	17.72
2002/03	20.28	18.43	15.19	9.43	6.02	3.35	0.69	0.47	4.60	5.46	5.77	6.24
2003/04	12.39	10.22	7.91	5.06	3.29	2.06	3.30	6.75	9.08	11.81	14.31	14.04
2004/05	17.86	17.14	15.65	9.25	7.39	7.16	5.86	4.79	5.64	4.16	12.86	10.75
2005/06	12.32	10.86	9.28	8.16	5.63	3.82	9.48	9.44	13.49	15.09	16.99	18.89
2006/07	22.32	27.02	25.78	21.74	13.25	12.38	28.23	10.29	9.63	9.62	13.04	15.41
2007/08	33.53	33.08	37.09	31.34	22.69	23.90	28.15	24.06	24.29	20.70	26.79	25.72
2008/09	28.00	25.21	11.87	9.86	7.00	5.69	2.38	1.80	4.30	6.01	11.30	13.33
2009/10	10.63	17.60	16.39	15.29	12.31	10.39	9.09	9.14	9.48	8.59	11.24	13.73
2010/11	17.01	17.58	20.84	18.95	9.51	8.43	3.91	5.70	8.54	10.61	12.32	15.83
2011/12	22.77	17.98	12.87	14.10	14.29	12.97	11.38	12.51	15.55	17.19	16.10	17.29
2012/13	14.03	15.52	15.34	14.14	11.60	10.65	7.28	7.35	8.83	14.77	15.89	18.35
2013/14	26.86	27.85	32.77	26.28	23.52	21.17	21.69	20.59	22.39	24.54	29.91	40.40
2014/15	33.68	37.40	38.47	29.54	21.15	18.53	13.44	15.65	21.65	31.76	37.43	37.67
2015/16	--	31.78	34.31	30.74	25.25	23.96	22.30	24.93	25.09	31.67	30.43	28.37
2016/17	--	31.59	31.14	27.14	22.36	22.78	24.88	24.65	27.10	31.30	40.90	41.85
2017/18	--	29.58	25.49	28.32	30.84	30.17	23.65	20.72	18.20	21.73	29.14	40.34
2018/19	45.20	49.63	41.29	31.76	26.23	22.58	15.76	15.54	13.38	16.25	19.43	22.12

--- = Insufficient marketing to establish price.

¹ Net content of box is 76 lbs through 2009/10. Beginning in 2010/11, net box weight is 80 lbs.Source: USDA, National Agricultural Statistics Service, *Citrus Fruits Summary*, various issues.

Table C-19--Oranges: Bearing acreage and yield per acre, by State, 1980/81 to date

Season ¹	Florida		California		Texas		Arizona		United States	
	Bearing acreage	Yield per acre	Bearing acreage	Yield per acre	Bearing acreage	Yield per acre	Bearing acreage	Yield per acre	Bearing acreage	Yield per acre
	<i>1,000 acres</i>	<i>Short tons</i>	<i>1,000 acres</i>	<i>Short tons</i>	<i>1,000 acres</i>	<i>Short tons</i>	<i>1,000 acres</i>	<i>Short tons</i>	<i>1,000 acres</i>	<i>Short tons</i>
1980/81	573.4	13.53	182.7	13.39	25.3	7.27	13.2	7.42	794.6	13.20
1981/82	560.2	10.11	180.2	8.72	23.7	10.63	13.6	8.46	777.7	9.77
1982/83	536.8	11.70	177.4	16.09	24.0	10.04	12.6	11.27	750.8	12.68
1983/84	474.2	11.08	177.1	10.27	24.3	4.40	12.6	5.16	688.2	10.52
1984/85	420.1	11.13	175.3	11.22	11.4	²	10.9	7.06	617.7	10.88
1985/86	367.6	14.59	174.6	11.58	8.3	1.69	11.0	6.91	561.5	13.31
1986/87	375.4	14.35	172.9	12.56	10.3	3.59	10.9	9.27	569.5	13.52
1987/88	380.2	16.33	172.6	12.82	11.1	5.50	10.6	6.42	574.5	14.88
1988/89	388.7	16.97	177.6	12.44	12.0	6.58	10.4	6.15	588.7	15.20
1989/90	399.5	12.41	175.1	15.29	13.0	3.92	10.2	5.78	597.8	12.96
1990/91	420.9	16.21	178.4	5.39	3.5	³	9.9	6.57	612.7	12.81
1991/92	444.4	14.18	181.8	13.91	3.5	0.38	10.4	8.59	640.1	13.92
1992/93	489.2	17.15	184.0	13.61	4.4	4.89	10.6	6.56	688.2	15.97
1993/94	510.8	15.35	185.0	12.90	5.5	4.29	10.6	6.71	711.9	14.51
1994/95	562.8	16.43	191.0	10.99	7.0	6.42	10.4	3.79	771.2	14.82
1995/96	594.8	15.39	196.0	11.10	7.9	5.10	10.1	6.11	808.8	14.13
1996/97	624.9	16.29	200.0	12.00	8.7	6.93	10.0	5.25	843.6	15.05
1997/98	609.2	18.05	202.2	12.79	9.5	6.84	9.1	4.13	830.0	16.47
1998/99	612.6	13.68	203.5	6.64	9.3	6.55	6.9	6.26	832.3	11.80
1999/2000	602.1	17.42	199.0	12.08	9.3	7.57	6.2	6.64	816.6	15.92
2000/01	605.0	16.61	198.0	10.31	9.3	10.20	6.4	5.29	818.7	14.93
2001/02	586.9	17.64	195.0	9.90	9.3	7.95	6.4	3.04	797.6	15.51
2002/03	587.6	15.53	198.0	11.74	8.8	7.57	5.6	3.15	800.0	14.43
2003/04	564.8	19.26	193.0	9.83	8.8	7.99	4.9	3.60	771.5	16.68
2004/05	541.8	12.42	191.0	12.68	8.8	8.54	4.2	3.83	745.8	12.40
2005/06	491.0	13.55	190.0	12.04	8.8	7.74	3.3	5.10	693.1	13.01
2006/07	475.9	12.20	190.0	9.08	8.8	9.56	2.6	4.31	677.3	11.26
2007/08	463.9	16.52	188.0	12.38	8.5	8.97	2.4	5.93	662.8	15.20
2008/09	459.1	15.93	186.0	9.38	8.5	7.31	2.4	3.90	656.0	13.91
2009/10	451.0	13.32	183.0	11.78	8.0	8.67	na	na	642.0	12.84
2010/11	440.0	14.36	180.0	13.88	8.0	10.37	na	na	628.0	14.18
2011/12	433.4	15.21	177.0	13.12	8.0	7.52	na	na	618.4	14.52
2012/13	429.2	14.00	171.0	12.76	7.0	10.88	na	na	607.2	13.62
2013/14	418.7	11.25	166.0	11.92	7.1	10.63	na	na	591.8	11.44
2014/15	405.5	10.76	163.0	11.84	7.4	8.33	na	na	575.9	11.03
2015/16	387.0	9.50	157.0	14.92	7.4	9.73	na	na	551.4	11.04
2016/17	367.5	8.42	152.0	12.72	8.0	7.27	na	na	527.5	9.65
2017/18	361.8	5.63	147.0	12.04	8.7	9.18	na	na	517.5	7.49
2018/19	354.1	9.14	147.0	13.56	8.8	12.07	na	na	509.9	11.62

na = not available.

¹ Season begins in November for Arizona and California, and in October for Florida and Texas. ² Due to the severe freeze of December 1983, no commercial supplies were harvested. ³ Due to the severe freeze of December 1989, no commercial supplies were harvested.

Source: USDA, National Agricultural Statistics Service, *Citrus Fruits Summary*, various issues.

Table C-20--Oranges: Production by State, 1980/81 to date

Season ¹	Florida	California	Texas	Arizona	United States ²
-- 1,000 short tons --					
1980/81	7,758	2,447	184	98	10,487
1981/82	5,661	1,572	252	115	7,600
1982/83	6,282	2,854	241	142	9,519
1983/84	5,252	1,819	107	65	7,243
1984/85	4,676	1,966	³	77	6,719
1985/86	5,364	2,022	14	76	7,476
1986/87	5,387	2,172	37	101	7,697
1987/88	6,210	2,212	61	68	8,551
1988/89	6,597	2,209	79	64	8,949
1989/90	4,958	2,677	51	59	7,745
1990/91	6,822	961	⁴	65	7,848
1991/92	6,291	2,528	1	89	8,909
1992/93	8,397	2,505	22	69	10,992
1993/94	7,848	2,385	23	71	10,329
1994/95	9,248	2,100	45	39	11,432
1995/96	9,149	2,175	40	62	11,426
1996/97	10,179	2,400	60	53	12,692
1997/98	10,980	2,588	65	38	13,670
1998/99	8,370	1,350	61	43	9,824
1999/2000	10,485	2,400	71	41	12,997
2000/01	10,049	2,044	95	34	12,221
2001/02	10,350	1,931	74	22	12,374
2002/03	9,135	2,325	67	18	11,545
2003/04	10,890	1,894	70	18	12,872
2004/05	6,741	2,419	75	16	9,251
2005/06	6,647	2,288	68	17	9,020
2006/07	5,805	1,725	84	11	7,625
2007/08	7,659	2,325	76	14	10,060
2008/09	7,313	1,744	62	9	9,118
2009/10	6,017	2,156	69	na	8,242
2010/11	6,323	2,500	83	na	8,905
2011/12	6,602	2,320	60	na	8,982
2012/13	6,012	2,180	76	na	8,268
2013/14	4,712	1,980	76	na	6,768
2014/15	4,363	1,928	62	na	6,353
2015/16	3,677	2,340	72	na	6,088
2016/17	3,098	1,932	58	na	5,088
2017/18	2,027	1,768	80	na	3,875
2018/19	3,229	1,992	106	na	5,327

na = not available.

¹ Season begins in November for Arizona and California, and in October for Florida and Texas. ² Some totals may not add due to rounding.³ Due to the severe freeze of December 1983, no commercial supplies were harvested. ⁴ Due to the severe freeze of December 1989, no commercial supplies were harvested.Sources: USDA, National Agricultural Statistics Service, *Citrus Fruits Summary*, various issues; and USDA, Economic Research Service.

Table C-21--Oranges: Utilization of production, by State, 1980/81 to date

Season ¹	Florida		California		Arizona		Texas		United States ²	
	Fresh	Processed	Fresh	Processed	Fresh	Processed	Fresh	Processed	Fresh	Processed
--1,000 short tons--										
1980/81	372	7,386	1,411	1,036	63	35	121	63	1,968	8,519
1981/82	343	5,318	1,253	319	80	35	141	111	1,816	5,783
1982/83	464	5,818	1,622	1,232	95	47	142	99	2,324	7,196
1983/84	344	4,908	1,408	411	54	11	59	48	1,865	5,376
1984/85	299	4,376	1,515	450	60	17	³	³	1,875	4,843
1985/86	403	4,961	1,635	386	62	14	12	1	2,112	5,362
1986/87	399	4,987	1,564	608	74	28	33	4	2,070	5,626
1987/88	428	5,782	1,549	664	53	15	54	7	2,085	6,467
1988/89	382	6,215	1,523	686	46	18	66	12	2,016	6,932
1989/90	266	4,693	1,766	911	43	17	28	23	2,103	5,644
1990/91	560	6,262	608	353	53	12	⁴	⁴	1,221	6,627
1991/92	520	5,771	1,551	977	68	22	1	0	2,139	6,770
1992/93	483	7,914	1,841	664	56	13	19	3	2,398	8,594
1993/94	445	7,403	1,729	656	57	15	21	2	2,254	8,075
1994/95	470	8,778	1,654	446	37	2	31	14	2,191	9,241
1995/96	449	8,700	1,669	506	48	14	33	6	2,199	9,227
1996/97	481	9,698	1,931	469	49	4	41	20	2,502	10,190
1997/98	495	10,485	2,081	506	33	4	48	17	2,658	11,012
1998/99	489	7,881	731	619	34	9	48	13	1,300	8,524
1999/2000	423	10,062	1,639	761	30	11	54	16	2,146	10,851
2000/01	437	9,612	1,725	319	27	6	54	41	2,244	9,977
2001/02	422	9,928	1,659	272	17	2	59	15	2,157	10,217
2002/03	437	8,698	1,868	458	15	3	48	19	2,368	9,177
2003/04	445	10,445	1,669	225	14	4	50	20	2,177	10,695
2004/05	333	6,408	1,845	574	12	4	52	23	2,242	7,009
2005/06	329	6,317	1,650	638	9	8	54	14	2,042	6,978
2006/07	288	5,517	1,020	705	7	4	63	22	1,370	6,244
2007/08	261	7,398	1,770	555	10	5	59	18	2,089	7,971
2008/09	312	7,001	1,466	278	6	3	53	9	1,831	7,287
2009/10	264	5,753	1,796	360	na	na	61	8	2,121	6,121
2010/11	268	6,054	1,964	536	na	na	70	13	2,302	6,603
2011/12	274	6,328	1,952	368	na	na	54	7	2,279	6,702
2012/13	269	5,743	1,904	276	na	na	65	12	2,237	6,031
2013/14	248	4,464	1,584	396	na	na	64	12	1,896	4,872
2014/15	224	4,139	1,520	408	na	na	53	9	1,797	4,556
2015/16	177	3,500	1,792	548	na	na	58	14	2,027	4,061
2016/17	126	2,972	1,604	328	na	na	50	8	1,780	3,308
2017/18	124	1,903	1,472	296	na	na	63	17	1,659	2,216
2018/19	124	3,104	1,484	508	na	na	45	61	1,654	3,673

na = not available.

¹ Season begins in November for Arizona and California, and in October for Florida and Texas. ² Some figures may not add due to rounding.³ Due to the severe freeze of December 1983, no commercial supplies were harvested. ⁴ Due to the severe freeze of December 1989, no commercial supplies were harvested.Sources: USDA, National Agricultural Statistics Service, *Citrus Fruits Summary*, various issues; and USDA, Economic Research Service.

Table C-22--All oranges: Equivalent-on-tree returns, by State, 1980/81 to date

Season ¹	Florida			California			Texas			Arizona			United States		
	Pro-			Pro-			Pro-			Pro-			Pro-		
	Fresh	cessing	All	Fresh	cessing	All	Fresh	cessing	All	Fresh	cessing	All	Fresh	cessing	All
--Dollars/box ² --															
1980/81	5.79	3.96	4.04	5.46	-0.28	3.03	4.13	3.07	3.76	4.11	-0.71	2.41	5.39	3.30	3.75
1981/82	6.51	4.14	4.28	9.10	-0.59	7.13	4.01	3.28	3.69	6.22	-0.05	4.31	8.18	3.78	4.94
1982/83	5.94	5.08	5.15	4.37	-0.16	2.42	4.16	2.93	3.65	4.52	-0.01	3.02	4.65	3.98	4.15
1983/84	7.75	5.61	5.75	8.73	-0.90	6.55	3.99	2.70	3.41	7.44	-0.12	6.22	8.37	5.07	5.95
1984/85	11.11	6.83	7.10	10.01	1.23	8.00	³	³	³	9.50	1.30	7.72	10.17	6.29	7.37
1985/86	5.33	3.83	3.94	6.60	-1.46	5.06	9.23	4.00	8.89	6.67	-1.49	5.12	6.38	3.43	4.27
1986/87	6.18	5.14	5.22	8.50	-1.03	5.83	7.69	2.47	7.15	6.45	-0.59	4.52	7.97	4.45	5.39
1987/88	7.96	7.56	7.58	8.55	0.15	6.03	8.05	3.27	7.53	8.13	0.40	6.45	8.41	6.78	7.18
1988/89	7.61	7.40	7.41	8.37	1.15	6.12	6.92	3.67	6.40	9.40	0.87	6.97	8.21	6.76	7.08
1989/90	10.31	5.98	6.21	8.22	1.63	5.98	7.92	3.00	5.71	8.30	2.21	6.60	8.49	5.25	6.13
1990/91	8.46	5.66	5.89	20.29	-0.98	12.48	⁴	⁴	⁴	19.86	-1.25	15.85	14.84	5.29	6.78
1991/92	8.52	5.69	5.93	7.96	-0.90	4.53	12.77	0.00	12.77	6.71	-0.59	4.95	8.06	4.72	5.52
1992/93	3.81	3.46	3.48	7.80	-2.05	5.19	6.94	1.10	6.23	4.52	-2.38	3.20	6.92	3.03	3.88
1993/94	5.98	3.98	4.09	8.14	-1.97	5.36	8.41	1.76	7.85	6.36	-2.00	4.66	7.67	3.48	4.40
1994/95	4.07	3.72	3.74	8.75	-2.39	6.38	4.02	2.18	3.43	5.60	-2.22	5.19	7.63	3.42	4.23
1995/96	5.46	4.35	4.40	9.13	-2.49	6.43	7.55	1.87	6.64	4.90	-2.52	3.18	8.27	3.96	4.79
1996/97	4.57	3.49	3.54	8.94	-0.42	7.11	5.06	1.94	4.04	5.09	-2.05	4.60	7.96	3.31	4.22
1997/98	3.85	3.68	3.69	8.71	-0.58	6.89	3.00	1.32	2.56	4.01	-2.03	3.30	7.64	3.48	4.29
1998/99	8.78	4.59	4.84	17.23	-0.76	8.99	7.90	1.52	6.51	19.55	-0.40	15.35	13.78	4.20	5.47
1999/2000	5.37	3.60	3.67	5.69	-2.39	3.13	5.79	1.65	4.84	4.34	-2.38	2.55	5.61	3.17	3.58
2000/01	4.29	3.16	3.21	8.82	-2.09	7.12	1.45	0.87	1.20	4.90	-2.45	3.51	7.71	2.98	3.85
2001/02	4.84	3.41	3.47	10.23	-2.13	8.49	3.86	1.30	3.35	7.00	-2.51	5.89	8.97	3.26	4.25
2002/03	5.61	3.05	3.17	6.84	-2.04	5.09	3.44	1.70	2.95	2.99	-2.03	2.23	6.52	2.79	3.56
2003/04	3.87	2.85	2.89	10.08	-1.97	8.65	3.66	1.25	2.96	4.78	-1.96	3.31	8.63	2.74	3.74
2004/05	6.87	3.31	3.49	9.75	-2.06	6.95	7.47	0.71	5.41	4.93	-2.02	3.37	9.24	2.86	4.41
2005/06	5.80	5.49	5.51	11.36	-0.97	7.92	6.09	1.94	5.23	7.14	-1.02	3.26	10.31	4.89	6.11
2006/07	13.25	10.00	10.16	15.50	-0.99	8.76	13.98	1.55	10.79	10.98	-0.93	6.29	14.94	8.72	9.84
2007/08	7.83	6.57	6.61	9.86	-1.05	7.26	4.78	0.98	3.90	5.95	-1.14	3.61	9.45	6.02	6.74
2008/09	5.36	5.78	5.77	12.33	---	10.20	6.63	0.84	5.77	10.95	---	6.83	10.98	5.52	6.62
2009/10	10.30	6.72	6.87	---	---	9.88	9.84	0.80	8.80	---	---	---	11.68	6.29	7.67
2010/11	10.10	8.34	8.41	---	---	8.05	---	---	7.90	---	---	---	10.80	7.44	8.31
2011/12	10.42	9.90	9.92	---	---	10.70	---	---	11.84	---	---	---	12.63	9.29	10.14
2012/13	10.86	7.27	7.43	---	---	10.52	---	---	10.44	---	---	---	12.09	6.85	8.27
2013/14	13.62	9.41	9.63	---	---	16.44	---	---	11.40	---	---	---	19.80	8.47	11.64
2014/15	14.39	9.11	9.38	---	---	13.40	---	---	9.56	---	---	---	16.81	8.15	10.60
2015/16	15.14	9.63	9.90	---	---	11.42	---	---	16.13	---	---	---	15.39	8.15	10.56
2016/17	17.78	11.56	11.82	---	---	15.65	---	---	15.93	---	---	---	18.94	10.29	13.32
2017/18	19.57	11.97	12.43	---	---	21.94	---	---	17.11	---	---	---	25.82	10.15	16.86
2018/19	15.90	10.75	10.95	---	---	10.59	---	---	8.11	---	---	---	15.40	8.67	10.76

--- = Insufficient marketing to establish price, or price not published to avoid disclosure of individual firms.

¹ Season begins in November for Arizona and California, and in October for Florida and Texas. ² Net content of box varies. Approximate averages are as follows (lbs): Florida--90; California and Arizona through 2009/10--75, 2010/11 onward--80; and Texas--85. ³ Due to the severe freeze of December 1983, no commercial supplies were harvested. ⁴ Due to the severe freeze of December 1989, no commercial supplies were harvested.

Source: USDA, National Agricultural Statistics Service, *Citrus Fruits Summary*, various issues.

Table C-23--All oranges: Monthly equivalent-on-tree returns received by growers, Arizona, 1980/81 to 2013/14

Season	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.
--Dollars/box ¹ --												
1980/81	4.13	3.30	3.25	3.23	3.31	3.61	4.46	5.34	6.09	---	---	---
1981/82	4.27	2.48	2.36	1.86	1.59	1.50	2.43	3.22	---	---	---	3.59
1982/83	2.63	1.87	1.90	1.66	1.43	1.72	2.36	2.75	---	---	---	---
1983/84	3.78	2.18	1.99	2.59	2.24	2.76	3.62	3.84	4.04	---	---	---
1984/85	4.60	4.10	3.95	3.87	3.49	3.22	3.71	4.15	---	---	---	---
1985/86	4.69	3.58	3.78	3.86	3.89	4.04	4.71	5.64	7.24	---	---	---
1986/87	---	7.14	4.64	4.69	4.72	4.67	4.87	5.22	6.24	---	---	---
1987/88	---	6.23	5.79	5.58	5.50	5.19	5.20	5.12	---	---	---	---
1988/89	7.78	5.26	4.47	4.47	4.14	4.00	4.45	4.69	---	---	---	7.54
1989/90	6.01	5.68	6.90	4.87	4.84	6.57	6.04	---	---	---	---	7.66
1990/91	10.44	9.19	17.55	13.91	20.15	14.86	19.13	6.35	---	---	---	---
1991/92	13.77	11.36	9.64	5.62	3.63	3.35	2.37	1.72	0.85	---	---	10.32
1992/93	7.42	6.07	5.34	2.39	1.70	1.54	1.51	1.36	-3.51	---	---	10.16
1993/94	8.91	5.95	3.59	5.63	6.11	2.44	2.51	-0.21	-0.14	---	---	---
1994/95	9.79	9.13	7.27	1.23	3.07	3.61	3.70	1.95	1.80	---	---	17.50
1995/96	9.22	5.32	4.76	2.89	3.68	2.50	1.09	0.51	0.68	---	---	---
1996/97	9.50	6.56	6.30	3.11	2.53	3.56	3.27	0.12	---	---	---	-2.26
1997/98	3.85	4.80	3.42	0.61	2.67	3.56	2.41	3.82	---	---	---	---
1998/99	12.55	10.98	21.28	15.92	14.41	15.96	15.70	13.21	---	---	---	26.22
1999/2000	8.32	6.25	4.94	2.91	0.23	1.98	0.23	-0.72	-0.97	---	---	---
2000/01	5.04	4.63	4.73	2.70	4.93	3.52	1.22	0.90	---	---	---	---
2001/02	12.71	9.82	12.01	9.22	8.21	1.03	0.31	0.25	-3.57	---	---	---
2002/03	7.76	5.14	2.37	---	6.44	0.29	-0.68	0.24	---	---	---	---
2003/04	3.62	4.85	4.37	3.46	3.22	1.34	---	---	---	---	---	---
2004/05	8.63	4.33	5.59	3.46	6.65	-0.61	-0.60	-4.56	---	---	---	---
2005/06	8.40	6.27	4.82	2.60	0.17	2.96	2.77	-0.49	---	---	---	---
2006/07	---	5.93	9.08	17.31	-0.90	-0.90	3.17	-0.90	---	---	---	---
2007/08	7.46	5.13	4.94	---	---	---	1.74	-0.19	---	---	---	---
2008/09	9.80	8.59	8.80	10.54	---	---	---	---	---	---	---	---
2009/10	---	---	---	---	---	---	---	---	---	---	---	---
2010/11	---	---	---	---	---	---	---	---	---	---	---	---
2011/12	---	---	---	---	---	---	---	---	---	---	---	---
2012/13	---	---	---	---	---	---	---	---	---	---	---	---
2013/14	---	---	---	---	---	---	---	---	---	---	---	---

--- = Insufficient marketing to establish price, or price not published to avoid disclosure of individual firms. ¹ Net content of box is 75 lbs.

Source: USDA, National Agricultural Statistics Service, *Citrus Fruits Summary*, various issues.

Table C-24--All oranges: Monthly equivalent on-tree returns received by growers, California, 1980/81 to date

Season	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
--Dollars/box ¹ --												
1980/81	2.39	6.65	5.69	4.47	3.72	3.30	2.50	1.66	1.99	3.18	4.25	3.27
1981/82	3.35	6.63	4.37	5.41	6.16	5.83	5.41	6.02	8.75	8.86	9.84	11.80
1982/83	19.49	20.09	8.42	5.18	3.29	2.64	2.57	2.17	1.78	2.03	2.38	2.14
1983/84	1.50	6.53	5.33	4.96	3.61	2.96	3.57	10.02	12.77	12.93	13.26	14.67
1984/85	15.36	14.46	11.26	10.71	10.50	8.80	8.15	8.87	8.41	6.92	6.19	5.49
1985/86	5.78	4.85	6.73	7.86	6.33	5.06	4.83	3.64	4.49	4.09	3.60	3.91
1986/87	4.59	6.26	7.75	6.45	5.78	4.76	4.61	4.20	5.86	6.18	6.05	5.41
1987/88	7.43	10.42	10.69	6.19	6.20	5.05	4.75	5.61	8.84	8.02	6.49	5.44
1988/89	5.56	3.13	5.28	8.10	5.40	4.49	4.90	5.24	6.52	6.66	7.28	6.52
1989/90	6.54	6.23	7.96	7.06	6.70	6.27	5.56	5.20	6.87	6.67	5.75	4.38
1990/91	4.48	3.92	9.39	9.12	6.09	7.74	14.13	19.46	20.08	19.51	17.40	18.45
1991/92	21.39	20.69	14.29	11.01	9.68	6.35	5.07	4.57	4.40	2.86	1.87	1.02
1992/93	1.05	2.41	5.51	5.90	4.82	4.01	3.55	4.12	4.22	4.32	5.07	7.25
1993/94	11.85	11.56	10.13	7.02	4.85	4.69	5.88	5.97	6.70	5.61	4.09	4.24
1994/95	3.44	1.81	6.50	6.67	6.75	5.03	4.35	6.04	7.56	7.46	7.46	7.30
1995/96	7.26	7.58	10.33	6.06	4.94	3.61	5.30	6.08	7.65	6.13	7.18	8.91
1996/97	13.70	11.33	8.88	7.33	7.17	6.18	6.40	7.38	8.35	5.93	6.48	7.45
1997/98	7.15	6.66	7.60	6.86	5.67	5.53	6.00	8.72	8.91	8.38	6.77	5.56
1998/99	5.64	6.03	10.37	9.98	5.07	8.99	8.05	12.19	12.56	11.68	8.58	6.66
1999/2000	9.96	9.43	9.19	5.97	5.19	3.80	3.44	3.00	3.42	3.70	1.01	0.35
2000/01	0.29	-0.07	7.01	6.51	6.30	6.61	8.31	9.60	9.24	6.06	4.63	5.01
2001/02	6.20	4.89	15.10	11.99	11.70	10.00	8.31	8.34	7.07	4.14	4.13	5.28
2002/03	5.33	5.39	9.54	7.43	4.54	3.11	4.61	6.30	6.62	5.53	3.78	3.71
2003/04	3.00	1.83	10.50	9.18	7.52	7.45	8.51	7.43	8.00	9.80	8.34	10.27
2004/05	15.44	21.23	11.07	8.69	7.49	6.69	6.62	6.55	7.46	7.63	6.11	3.75
2005/06	4.29	3.18	10.68	8.46	6.82	6.13	6.12	7.22	8.10	8.52	8.49	11.66
2006/07	17.96	11.16	8.32	10.68	10.62	4.41	11.03	9.68	6.32	9.62	8.56	8.98
2007/08	7.84	10.41	12.66	9.29	8.05	6.32	6.18	5.34	6.61	7.53	5.55	4.32
2008/09	5.92	3.96	12.73	10.22	12.25	11.22	9.57	8.17	9.13	8.96	8.08	8.70
2009/10	---	---	16.20	11.85	10.07	9.11	9.44	8.66	10.40	11.06	9.92	6.88
2010/11	6.88	6.96	13.96	11.16	10.43	7.10	6.35	6.15	6.53	7.92	7.60	8.11
2011/12	7.60	8.47	12.43	11.77	9.82	8.41	8.88	11.51	14.06	12.49	9.37	8.30
2012/13	9.08	9.57	13.50	11.91	10.69	8.28	8.24	8.94	12.50	13.13	10.56	10.44
2013/14	12.24	12.94	16.81	14.83	14.12	18.30	19.18	17.67	17.43	13.36	15.00	14.78
2014/15	15.84	14.32	17.49	16.66	14.95	13.38	12.62	11.45	11.24	10.39	10.73	12.17
2015/16	15.17	---	18.70	17.08	14.31	11.72	10.22	9.05	9.57	8.31	8.06	8.52
2016/17	8.61	8.58	17.51	14.14	13.24	14.71	14.73	14.81	16.60	18.16	19.54	18.68
2017/18	20.87	(D)	25.07	23.03	23.09	22.96	20.49	19.58	20.82	23.57	20.57	18.06
2018/19	20.18	19.95	17.76	15.81	12.42	10.25	11.52	9.21	7.22	4.19	6.71	7.26

--- = Insufficient marketing to establish price, or price not published to avoid disclosure of individual firms.

(D) = Withheld to avoid disclosing data for individual operations.

¹ Net content of box is 75 lbs through 2009/10. From 2010/11, net content of box is 80 lbs.

Source: USDA, National Agricultural Statistics Service, *Citrus Fruits Summary*, various issues.

Table C-25--All oranges: Monthly equivalent on-tree returns received by growers, Florida, 1980/81 to date

Season	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.
--Dollars/box ¹ --												
1980/81	---	4.22	3.76	3.59	3.66	4.19	4.44	4.96	4.83	---	---	---
1981/82	---	4.96	4.49	4.15	4.28	4.06	4.16	4.40	4.58	---	---	---
1982/83	7.45	5.02	4.84	4.73	4.79	5.09	5.35	5.51	5.63	---	---	---
1983/84	---	5.23	4.91	4.96	5.69	6.40	6.73	7.15	7.68	---	---	---
1984/85	---	9.21	7.70	7.16	6.86	6.57	6.79	7.03	7.36	---	---	---
1985/86	---	4.46	4.16	3.83	3.77	3.52	3.78	4.20	4.23	---	---	---
1986/87	---	5.01	4.42	4.45	4.83	5.64	5.83	6.05	6.54	---	---	---
1987/88	---	7.53	6.33	6.46	6.87	8.39	8.41	8.81	9.01	---	---	---
1988/89	---	6.69	6.52	6.68	6.91	7.05	7.94	8.83	9.27	---	---	---
1989/90	6.08	6.79	6.21	5.82	5.69	6.26	7.31	7.10	---	---	---	---
1990/91	5.70	5.23	5.27	5.51	5.93	6.45	6.63	6.76	---	---	---	---
1991/92	8.47	5.24	5.18	5.40	5.86	6.24	6.62	7.00	7.66	---	---	---
1992/93	---	3.56	3.33	3.13	3.04	3.38	3.98	4.01	4.00	---	---	---
1993/94	---	4.83	3.58	3.61	3.72	3.99	4.57	4.72	4.82	---	---	---
1994/95	3.76	3.10	3.24	3.28	3.41	4.35	4.50	4.59	4.55	---	---	---
1995/96	---	3.49	3.49	3.72	3.95	5.18	5.48	5.78	6.36	---	---	---
1996/97	---	3.38	3.12	3.17	3.18	4.00	4.15	4.11	4.21	---	---	---
1997/98	3.25	2.50	2.66	2.84	3.17	4.78	4.89	5.10	5.26	---	---	---
1998/99	5.87	4.16	4.21	4.39	4.54	5.47	5.50	5.70	6.43	---	---	---
1999/2000	---	3.82	3.07	3.13	3.10	3.19	4.47	4.58	4.52	4.17	---	---
2000/01	4.13	2.58	2.50	2.50	2.64	3.57	4.09	4.11	4.23	---	---	---
2001/02	5.45	2.78	2.76	2.85	2.90	4.15	4.17	4.24	4.24	---	---	---
2002/03	5.03	2.54	2.58	2.54	2.65	3.89	3.87	3.85	4.09	---	---	---
2003/04	3.83	2.12	2.15	2.14	2.19	3.59	3.68	3.67	3.88	---	---	---
2004/05	---	3.59	2.69	2.65	2.76	3.68	4.30	4.43	4.41	---	---	---
2005/06	10.69	4.23	4.14	4.36	5.17	5.92	6.28	6.51	6.69	6.21	---	---
2006/07	13.10	8.14	8.16	8.62	9.55	11.32	11.55	11.95	12.59	---	---	---
2007/08	---	6.34	5.54	5.84	6.12	6.97	7.31	7.38	7.17	---	---	---
2008/09	7.75	5.17	5.15	5.03	4.91	6.16	6.52	6.45	6.89	---	---	---
2009/10	---	6.85	5.44	6.06	6.19	7.26	7.93	8.14	8.22	---	---	---
2010/11	---	8.73	6.99	6.94	7.21	9.20	9.49	9.71	10.12	---	---	---
2011/12	---	8.84	8.63	8.81	9.62	10.91	11.16	11.09	---	---	---	---
2012/13	---	7.15	6.16	6.06	6.22	8.31	8.61	8.75	9.33	---	---	---
2013/14	---	10.26	8.21	8.30	8.29	10.51	10.79	11.15	12.93	---	---	---
2014/15	---	11.47	7.86	8.29	8.66	10.23	10.28	10.37	10.52	---	---	---
2015/16	---	---	8.67	8.60	9.72	10.55	10.62	10.82	---	---	---	---
2016/17	---	---	10.49	10.41	10.51	12.64	13.06	13.10	---	---	---	---
2017/18	---	10.83	10.18	10.28	14.11	13.62	13.71	14.03	---	---	---	---
2018/19	---	11.00	8.60	9.17	9.66	11.80	12.10	12.49	12.72	---	---	---

--- = Insufficient marketing to establish price. ¹ Net content of box is 90 lbs.

Source: USDA, National Agricultural Statistics Service, *Citrus Fruits Summary*, various issues.

Table C-26--All oranges: Monthly equivalent on-tree returns received by growers, Texas, 1980/81 to date

Season	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.
--Dollars/box ¹ --												
1980/81	5.15	4.26	3.30	3.28	3.51	3.92	4.04	---	3.99	---	---	---
1981/82	5.30	3.38	3.12	3.23	3.60	3.94	3.94	4.09	---	---	---	---
1982/83	6.22	3.93	3.72	2.96	3.06	3.34	3.30	3.33	---	---	---	---
1983/84	4.89	3.74	3.44	2.76	2.70	---	---	---	---	---	---	---
1984/85	---	---	---	---	---	---	---	---	---	---	---	---
1985/86	---	10.90	7.69	7.31	6.28	7.37	---	---	---	---	---	---
1986/87	10.57	10.37	10.10	5.80	4.79	3.89	3.44	---	---	---	---	---
1987/88	9.86	8.92	8.12	6.37	6.94	6.56	7.02	7.24	---	---	---	---
1988/89	8.36	7.85	6.94	6.12	5.97	5.46	5.29	3.03	---	---	---	---
1989/90	8.98	8.48	5.33	3.96	2.43	---	---	---	---	---	---	---
1990/91	---	---	---	---	---	---	---	---	---	---	---	---
1991/92	---	13.10	14.50	12.00	11.50	---	---	---	---	---	---	---
1992/93	---	9.02	9.46	4.58	4.10	6.34	5.24	5.60	---	---	---	---
1993/94	9.62	8.84	6.54	7.03	6.86	5.89	5.76	---	---	---	---	---
1994/95	6.16	3.43	3.25	2.57	2.99	4.90	5.53	5.07	---	---	---	---
1995/96	11.21	6.85	5.75	4.16	5.18	6.85	7.80	7.47	---	---	---	---
1996/97	8.41	4.19	2.00	2.12	3.93	4.74	4.95	4.66	---	---	---	---
1997/98	7.18	3.05	1.88	1.18	1.66	3.74	2.58	3.00	---	---	---	---
1998/99	6.12	6.88	6.26	6.74	8.38	3.89	5.13	5.38	---	---	---	---
1999/2000	9.53	7.31	5.16	2.75	2.51	2.54	2.47	2.15	---	---	---	---
2000/01	5.06	1.83	1.81	0.21	0.07	0.43	1.69	2.33	1.48	---	---	---
2001/02	7.33	4.21	2.75	1.84	2.48	3.99	4.34	3.42	---	---	---	---
2002/03	6.58	4.87	1.82	1.01	1.69	2.02	6.35	8.32	---	---	---	---
2003/04	11.33	4.36	2.84	1.62	1.25	2.12	4.09	3.76	---	---	---	---
2004/05	14.68	5.00	5.24	5.45	4.74	5.41	5.38	2.30	---	---	---	---
2005/06	8.35	6.20	5.85	4.04	4.53	5.48	6.39	7.10	---	---	---	---
2006/07	13.66	5.88	6.73	13.58	11.60	5.40	13.21	14.23	---	---	---	---
2007/08	10.01	5.00	3.81	2.44	3.47	4.78	5.02	3.77	---	---	---	---
2008/09	---	6.50	4.28	4.79	7.22	6.63	4.37	---	---	---	---	---
2009/10	---	---	---	---	---	---	---	---	---	---	---	---
2010/11	---	---	---	---	---	---	---	---	---	---	---	---
2011/12	---	---	---	---	---	---	---	---	---	---	---	---
2012/13	---	---	---	---	---	---	---	---	---	---	---	---
2013/14	---	---	---	---	---	---	---	---	---	---	---	---
2014/15	---	---	---	---	---	---	---	---	---	---	---	---
2015/16	19.38	16.40	12.79	17.18	13.10	18.35	16.42	---	---	---	---	---
2016/17	16.95	14.70	13.52	15.50	19.05	18.12	18.66	---	---	---	---	---
2017/18	23.46	24.01	14.34	13.15	12.19	17.76	17.32	18.80	---	---	---	---
2018/19	---	14.56	11.05	12.13	11.73	11.59	10.85	(D)	---	---	---	---

--- = Insufficient marketing to establish price.

(D) = Withheld to avoid disclosing data for individual operations.

¹ Net content of box is 85 lbs.

Source: USDA, National Agricultural Statistics Service, *Citrus Fruits Summary*, various issues.

Table C-27--All oranges: Monthly equivalent on-tree returns received by growers, United States, 1980/81 to date

Season	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
--Dollars/box--												
1980/81	2.39	2.89	4.67	3.84	3.59	3.60	3.60	3.51	4.16	4.22	4.26	3.27
1981/82	3.35	2.98	4.15	4.59	4.34	4.51	4.47	4.69	5.26	6.00	9.84	11.80
1982/83	19.49	8.07	6.03	4.85	4.44	4.06	3.66	4.46	4.52	4.14	2.37	2.14
1983/84	1.50	4.89	5.70	4.93	4.93	5.21	4.61	5.44	7.89	9.06	12.93	13.26
1984/85	14.67	14.45	10.24	8.46	7.72	7.20	7.12	7.36	7.39	7.11	6.19	5.49
1985/86	5.78	4.86	5.85	4.89	4.20	4.01	4.07	3.76	4.24	4.18	3.58	3.91
1986/87	4.59	6.50	6.46	4.79	4.64	4.80	4.96	5.40	5.99	6.40	6.02	5.41
1987/88	7.43	10.43	9.10	6.35	6.43	6.59	6.87	7.76	8.79	8.78	6.47	5.44
1988/89	5.56	3.39	6.15	6.76	6.51	6.45	6.26	7.28	8.39	8.51	7.27	6.52
1989/90	6.54	6.29	7.34	6.34	5.92	5.82	6.00	6.47	6.97	6.61	5.74	4.38
1990/91	4.48	5.04	5.78	5.76	5.64	6.28	6.94	7.09	7.95	19.43	17.40	18.45
1991/92	21.39	9.87	6.27	5.79	5.90	6.02	5.81	6.14	6.16	4.26	1.85	1.02
1992/93	1.05	2.43	4.10	3.67	3.37	3.21	3.41	4.00	4.03	4.09	5.02	7.25
1993/94	11.85	11.40	6.15	4.00	3.76	3.90	4.66	4.83	5.04	4.94	4.08	4.24
1994/95	3.44	2.88	3.59	3.59	3.62	3.74	4.34	4.75	5.04	5.73	7.44	7.30
1995/96	7.26	7.90	3.98	3.76	3.87	3.86	5.22	5.58	6.00	6.21	7.02	8.91
1996/97	13.70	10.94	4.17	3.52	3.59	3.67	4.82	4.68	4.74	4.62	6.48	7.45
1997/98	7.15	4.48	3.09	3.14	3.14	3.55	5.05	5.44	5.70	6.05	6.77	5.56
1998/99	5.64	5.98	5.03	4.82	4.52	4.99	5.90	5.96	6.48	8.04	8.58	6.66
1999/2000	9.96	9.50	4.70	3.42	3.35	3.18	3.24	4.20	4.39	4.34	2.45	0.35
2000/01	0.29	1.43	3.20	2.95	2.85	3.20	4.93	4.84	4.64	4.47	4.63	5.01
2001/02	6.20	5.21	3.52	3.67	3.86	4.07	4.99	4.78	4.55	4.20	4.10	5.28
2002/03	5.33	5.22	3.17	3.10	2.77	2.75	4.07	4.29	4.31	4.54	3.78	3.71
2003/04	3.00	4.25	2.81	2.96	2.78	3.12	4.56	4.18	4.15	4.62	8.34	10.27
2004/05	15.44	20.68	6.05	3.73	3.52	3.62	4.62	4.84	5.02	5.07	6.11	3.75
2005/06	4.29	4.04	6.32	4.95	4.82	5.40	5.96	6.50	6.87	7.10	6.98	11.66
2006/07	17.96	11.83	8.17	8.55	8.99	8.57	11.24	11.19	11.14	11.62	8.56	8.98
2007/08	7.84	10.41	8.73	6.14	6.12	6.13	6.75	6.88	7.24	7.22	5.55	4.32
2008/09	5.92	5.44	7.97	5.78	6.00	6.08	7.08	6.80	6.84	7.22	7.97	8.70
2009/10	---	---	11.01	6.39	6.65	6.97	8.18	8.08	8.57	9.01	9.92	6.88
2010/11	6.88	6.96	11.53	7.69	7.55	7.19	8.01	8.64	9.05	9.51	7.60	8.11
2011/12	7.60	8.47	9.87	9.16	9.03	9.30	10.40	11.23	11.74	12.49	9.37	8.30
2012/13	9.08	9.57	9.47	7.06	6.97	6.98	8.29	8.67	9.37	11.25	10.56	10.44
2013/14	12.24	12.94	14.04	9.52	9.48	11.63	13.57	12.06	12.53	13.26	15.00	14.78
2014/15	15.84	13.90	16.06	9.69	9.66	10.08	11.29	10.56	10.53	10.46	10.92	12.01
2015/16	15.25	17.24	17.54	10.86	9.86	10.55	10.45	10.16	10.30	8.56	8.11	8.62
2016/17	8.67	10.24	16.78	11.58	11.11	12.37	13.54	13.54	14.10	17.68	19.49	18.18
2017/18	20.57	25.66	18.17	13.94	15.69	21.48	16.39	15.42	17.18	23.12	20.29	17.73
2018/19	20.17	19.60	15.61	10.46	10.10	9.95	11.70	11.23	11.06	7.56	7.26	7.31

--- = Insufficient marketing to establish price, or price not published to avoid disclosure of individual firms.

Source: USDA, National Agricultural Statistics Service, *Citrus Fruits Summary*, various issues.

Table C-28--Processed oranges: Florida, 1980/81 to date ¹

Season ²	Frozen concentrate	Chilled products ³	Other processed ⁴	Total
---1,000 boxes ⁵ ---				
1980/81	144,322	19,867	6,353	170,542
1981/82	105,150	16,518	4,473	126,141
1982/83	114,627	18,254	2,665	135,546
1983/84	94,547	16,981	2,909	114,437
1984/85	86,112	14,903	1,907	102,922
1985/86	96,061	17,267	1,361	114,689
1986/87	96,182	19,661	948	116,791
1987/88	110,206	23,325	904	134,435
1988/89	113,732	29,902	1,141	144,775
1989/90	73,640	33,836	659	108,135
1990/91	104,136	38,387	568	143,091
1991/92	93,932	37,324	456	131,712
1992/93	132,154	47,441	355	179,950
1993/94	116,248	52,912	225	169,385
1994/95	144,678	54,843	289	199,810
1995/96	132,907	64,543	224	197,674
1996/97	153,842	65,676	842	220,360
1997/98	160,865	74,767	989	236,621
1998/99	97,247	80,112	756	178,115
1999/2000	134,204	90,085	2,387	226,676
2000/01	124,072	89,564	2,246	215,882
2001/02	135,975	85,869	1,385	223,229
2002/03	102,073	92,506	1,445	196,024
2003/04	139,727	93,393	500	233,620
2004/05	54,322	88,514	1,059	143,895
2005/06	51,873	88,662	1,195	141,730
2006/07	47,996	74,523	907	123,426
2007/08	80,817	84,710	0	165,527
2008/09	72,543	82,561	1,115	156,219
2009/10	52,745	75,149	431	128,325
2010/11	51,739	82,674	835	135,248
2011/12	63,355	75,518	2,455	141,328
2012/13	47,968	79,247	411	127,626
2013/14	22,723	76,035	442	99,200
2014/15	19,224	71,891	865	91,980
2015/16	15,844	61,768	158	77,770
2016/17	12,648	53,237	162	66,047
2017/18	7,664	34,378	249	42,291
2018/19	15,200	53,755	30	68,985

na = not available. ¹ Includes tangelos, Temples, tangerines, and K-early citrus. ² As of 1998/99, season begins October 1, prior to then it began in December. ³ Beginning in 1996/97, chilled product is all juice, and tangerines are excluded from the data.

⁴ Beginning 1981/82 includes cannery juice, blend, and sections and salads. ⁵ Net box weight is 90 lbs.

Source: USDA, National Agricultural Statistics Service, *Citrus Fruits Summary*, various issues and Florida Department of Citrus, *Weekly Processors Reports*, various issues.

Table C-29--Frozen concentrated orange juice: Processors' stocks, pack, supplies, and movement, Florida, 1980/81 to date

Season ¹	Carryin	Pack ²	Supply ³	Movement	Ending inventory ³
<i>--Million gallons (42 degrees Brix)--</i>					
1980/81	59.6	259.5	319.1	250.1	69.0
1981/82	69.0	214.9	283.9	230.5	53.4
1982/83	53.4	228.4	281.8	239.0	42.8
1983/84	42.8	239.9	282.7	228.3	54.4
1984/85	54.4	209.6	264.0	215.6	48.3
1985/86	48.3	215.1	263.5	226.5	37.0
1986/87	37.0	228.0	265.0	225.2	39.8
1987/88	39.8	240.8	280.6	238.5	42.1
1988/89	42.1	239.2	281.2	234.9	46.3
1989/90	46.3	184.7	231.1	191.1	40.0
1990/91	40.0	221.2	261.2	229.3	31.8
1991/92	31.8	211.7	243.5	212.6	31.0
1992/93	31.0	292.0	322.9	269.4	53.5
1993/94	53.5	261.7	315.2	256.6	58.6
1994/95	58.6	274.2	332.8	290.4	42.4
1995/96	42.4	284.5	326.9	285.7	41.2
1996/97	41.2	289.6	342.9	273.9	69.7
1997/98	69.7	290.2	359.9	263.8	104.7
1998/99	104.7	216.9	321.6	209.1	105.2
1999/2000	105.2	254.0	359.2	239.7	112.6
2000/01	112.6	245.2	357.8	226.0	128.3
2001/02	128.3	253.2	381.5	249.9	120.2
2002/03	120.2	203.3	323.5	200.1	124.0
2003/04	124.0	249.7	373.7	213.8	151.8
2004/05	151.8	86.3	238.1	175.2	107.8
2005/06	107.8	85.2	193.0	160.8	67.2
2006/07	67.2	79.6	146.8	149.2	52.1
2007/08	52.1	135.6	187.7	137.7	108.0
2008/09	108.0	153.9	261.9	143.9	118.0
2009/10	118.0	82.3	200.3	130.2	95.0
2010/11	95.0	82.1	177.1	148.5	51.6
2011/12	51.6	175.4	227.0	124.3	61.1
2012/13	61.1	127.9	189.0	108.4	76.9
2013/14	76.9	85.4	162.3	97.3	66.0
2014/15	66.0	72.6	138.5	86.2	70.8
2015/16	70.8	63.7	134.5	88.2	52.7
2016/17	52.7	55.9	108.6	87.5	46.2
2017/18	46.2	38.4	84.7	73.1	58.5
2018/19	58.5	51.1	109.6	76.3	76.5

¹ As of 1998/99, season begins in October; prior to then it began in December. ² Includes reprocessed frozen concentrated tangerine juice, domestic receipts, foreign imports, net loss or gain during reprocessing, Florida product received from nonmembers, product received by members in fulfillment of futures contracts, and chilled orange juice used in frozen concentrate orange juice. ³ Some figures may not add due to rounding.

Source: Florida Citrus Processors Association; beginning 2005/06 data from Florida Department of Citrus.

Table C-30--Chilled orange juice: Processors' stocks, pack, supplies, and movement, Florida, 1985/86 to date

Season ¹	Carryin	Pack	Supply	Domestic movement	Exports	Ending inventory
<i>--Million gallons (single strength)--</i>						
1985/86	na	318.1	318.1	278.8	1.0	na
1986/87	na	360.7	360.7	310.2	1.2	na
1987/88	na	374.6	374.6	307.2	1.6	na
1988/89	na	427.0	427.0	329.5	3.9	na
1989/90	na	457.6	457.6	331.2	5.0	na
1990/91	na	518.0	518.0	346.2	3.7	na
1991/92	na	516.5	516.5	380.2	4.5	na
1992/93	na	604.9	604.9	387.2	21.2	na
1993/94	na	666.3	666.3	415.4	28.8	89.0
1994/95	89.0	704.4	793.4	427.4	36.6	78.9
1995/96	78.9	781.2	860.1	438.0	34.6	108.3
1996/97	108.3	800.3	908.6	440.3	35.9	120.3
1997/98	120.3	945.7	1,066.0	545.9	37.7	83.7
1998/99	83.7	1,008.9	1,092.6	554.9	33.2	86.7
1999/2000	86.7	1,016.3	1,103.0	519.8	58.5	163.0
2000/01	163.0	1,139.7	1,302.7	582.5	52.6	152.3
2001/02	152.3	1,190.8	1,343.1	566.5	36.1	154.4
2002/03	154.4	1,235.8	1,390.2	582.4	19.3	177.5
2003/04	177.5	1,279.0	1,456.5	561.2	42.4	189.1
2004/05	189.1	1,398.9	1,588.0	553.0	52.7	167.5
2005/06	167.5	1,457.5	1,625.0	587.2	23.1	175.0
2006/07	175.0	1,335.1	1,510.1	544.8	16.1	152.5
2007/08	152.5	1,455.9	1,608.4	544.7	17.7	187.8
2008/09	187.8	1,434.5	1,622.3	519.9	33.6	211.2
2009/10	211.2	1,251.0	1,462.1	501.1	35.8	164.8
2010/11	164.8	894.5	1,059.3	503.8	37.5	182.7
2011/12	182.7	863.3	1,046.0	479.6	30.3	186.6
2012/13	186.6	881.7	1,068.3	499.0	22.9	213.1
2013/14	213.1	841.8	1,054.9	472.9	24.6	207.6
2014/15	207.6	748.7	956.3	420.4	7.9	232.0
2015/16	232.0	692.4	924.4	408.6	6.8	197.0
2016/17	197.0	607.2	804.2	381.7	5.0	181.5
2017/18	181.5	489.0	670.4	353.1	2.0	121.0
2018/19	121.0	598.8	719.8	335.5	2.2	203.1

na = not available.

¹ As of 1998/99, season begins in October; prior to then it began in December.

Source: Florida Citrus Processors Association; beginning 2005/06 data from Florida Department of Citrus.

Table D-1--Blackberries: Commercial acreage, yield per acre, production, and season-average grower price, Oregon, 1980 to 2017

State and year	Acreage	Yield per acre	Utilized production	Utilization		Grower price			Value of utilized production
				Fresh	Processed	Fresh	Processed	All	
	<i>Acres</i>	<i>Pounds</i>		----- 1,000 pounds -----		----- Cents/pound -----			<i>\$1,000</i>
1980	3,400	8,470	28,800	400	28,400	41.2	20.1	20.4	5,873
1981	3,000	6,000	18,000	450	17,550	30.5	17.2	17.5	3,150
1982	3,000	6,830	18,600	900	17,700	44.1	23.2	24.2	4,504
1983	3,000	7,000	20,250	200	20,050	54.2	29.1	29.3	5,943
1984	3,100	6,190	19,200	400	18,800	49.8	49.8	49.8	9,558
1985	3,400	7,060	24,000	200	23,800	60.5	57.8	57.8	13,873
1986	3,600	6,390	23,000	200	22,800	67.0	60.9	60.9	14,018
1987	4,900	7,670	37,600	610	36,990	60.7	27.7	28.3	10,629
1988	4,400	7,720	33,950	1,100	32,850	58.1	30.0	30.9	10,498
1989	4,200	5,520	23,200	700	22,500	57.7	37.1	37.7	8,748
1990	4,150	7,730	32,100	900	31,200	92.6	37.4	39.0	12,512
1991	3,050	5,510	16,800	700	16,100	146.0	83.2	85.8	14,413
1992	4,700	9,110	42,800	1,100	41,700	88.7	43.9	45.1	19,284
1993	4,700	6,470	30,400	1,200	29,200	86.5	29.1	31.4	9,535
1994	5,040	7,480	37,700	1,200	36,500	95.0	35.8	37.7	14,207
1995	4,900	7,650	37,500	850	36,650	110.0	54.3	55.6	20,836
1996	5,030	5,710	28,700	750	27,950	129.0	87.5	88.6	25,433
1997	5,510	7,930	43,700	750	42,950	110.0	39.0	40.3	17,590
1998	5,600	6,730	37,700	500	37,200	121.0	43.6	44.6	16,829
1999	5,850	6,270	36,700	1,300	35,400	102.0	68.4	69.6	25,539
2000	6,110	7,000	42,800	800	42,000	112.0	46.6	47.8	20,477
2001	6,270	6,600	41,400	1,400	40,000	110.0	39.5	41.9	17,349
2002	6,500	7,200	46,800	1,400	45,400	112.0	42.1	44.2	20,687
2003	6,400	6,520	41,700	2,100	39,600	110.0	67.4	69.5	28,986
2004	6,300	7,600	47,900	1,600	46,300	111.0	69.7	71.1	34,057
2005	6,500	7,450	48,400	2,200	46,200	159.0	72.3	76.2	36,867
2006	6,900	6,140	42,400	2,700	39,700	149.0	81.0	85.4	36,193
2007	6,700	8,790	58,900	2,700	56,200	127.0	44.8	48.6	28,597
2008	6,700	6,730	45,100	3,200	41,900	161.0	54.0	61.6	27,773
2009	7,100	7,730	54,900	6,000	48,900	135.0	46.5	56.2	30,842
2010	7,500	5,820	43,660	4,160	39,500	167.0	66.7	76.3	33,291
2011	6,800	7,750	52,680	4,030	48,650	156.0	75.0	81.2	42,783
2012	6,000	8,710	52,280	2,920	49,360	211.0	75.8	83.4	43,590
2013	6,000	8,500	51,020	2,720	48,300	188.0	76.9	82.8	42,268
2014	6,100	7,390	45,070	3,170	41,900	155.0	108.0	111.0	50,133
2015	6,920	7,360	50,920	2,720	48,200	190.0	68.2	74.7	38,036
2016	7,000	8,290	58,030	6,030	52,000	83.5	41.1	45.5	26,387
2017	6,300	6,380	40,200	3,050	37,150	177.0	69.2	77.4	31,115
2018	1	1	1	1	1	1	1	1	1

¹ Estimates discontinued in 2018.Sources: USDA, National Agricultural Statistics Service, *Noncitrus Fruit and Nuts Summary*, various issues. Prior to 1992, data from Oregon field office.

Table D-2--Blueberries: Commercial acreage, yield per acre, production, and season-average grower price, by State, various years to date

State and year	Acreage harvested	Yield per acre	Utilized production	Utilization		Grower price			Value of utilized production
				Fresh	Processed	Fresh	Processed	All	
	Acres	Pounds		----- 1,000 pounds-----		---- Cents/pound ----			\$1,000
Alabama ⁶									
1993	160	300	48	45	3	99.1	55.0	97.9	47
1994	460	1,260	580	460	120	82.4	51.0	75.9	440
1995	460	1,300	600	560	40	78.1	50.0	76.2	457
1996	300	1,300	390	390	0	88.5		88.5	345
1997	470	1,400	660	650	10	91.0	55.0	90.6	598
1998	310	1,610	500	480	20	128.0	80.0	126.0	630
1999	310	2,100	650	560	90	106.0	87.0	103.0	672
2000	300	1,500	450	450	1	95.3		95.3	429
2001	310	1,710	530	530	1	91.7	1	91.7	486
2002	300	1,430	430	430	1	94.4	1	94.4	406
2003	320	1,410	450	450	1	107.0	1	107.0	482
2004	300	1,910	610	610	1	122.0	1	122.0	747
2005	300	1,870	560	560	1	90.5	1	90.5	507
2006	290	1,210	350	350	1	138.0	1	138.0	483
2007	270	1,520	410	410	1	159.0	1	159.0	652
2008	320	1,130	360	360	1	133.0	1	133.0	479
2009	310	968	300	300	1	164.0	1	164.0	492
2010	340	1,260	430	430	1	176.0	1	176.0	757
2011	400	1,250	500	500	1	170.0	1	170.0	850
2012	450	1,560	700	700	1	212.0	1	212.0	1,484
2013	480	1,150	550	550	1	199.0	1	199.0	1,095
2014	430	1,210	520	520	1	245.0	1	245.0	1,274
2015	410	1,220	500	--	--	--	--	192.0	960
Arkansas ⁶									
1993	700	2,860	2,000	1,900	100	98.5	55.7	96.4	1,928
1994	700	2,430	1,700	1,600	100	99.0	68.0	97.2	1,652
1995	700	2,430	1,700	1,500	200	110.0	75.0	106.0	1,800
1996	600	1,670	1,000	800	200	160.0	100.0	148.0	1,480
1997	550	3,000	1,650	1,350	300	107.0	67.0	99.8	1,646
1998	600	1,800	1,080	960	120	106.0	54.2	100.0	1,083
1999	550	2,510	1,380	1,260	120	108.0	70.0	105.0	1,445
2000	500	2,660	1,330	1,330	1	119.0	1	119.0	1,585
2001	550	2,040	1,120	1,120	1	145.0	1	145.0	1,619
2002	600	2,950	1,770	1,770	1	115.0	1	115.0	2,040
2003	550	2,820	1,550	1,550	1	133.0	1	133.0	2,067
2004	530	3,400	1,800	1,800	1	123.0	1	123.0	2,216
2005	530	2,550	1,350	1,350	1	174.0	1	174.0	2,349
2006	530	3,020	1,600	1,600	1	155.0	1	155.0	2,486
2007	270	259	70	70	1	164.0	1	164.0	115
2008	300	2,670	800	800	1	161.0	1	161.0	1,288
2009	300	1,670	500	500	1	171.0	1	171.0	855
2010	300	2,170	650	650	1	178.0	1	178.0	1,157
2011	250	1,600	400	400	1	173.0	1	173.0	692
2012	250	1,600	400	400	1	165.0	1	165.0	660
2013	230	1,570	360	360	1	219.0	1	219.0	788
2014	230	2,130	490	490	1	172.0	1	172.0	843
2015	280	1,860	520	--	--	--	--	283.0	1,474
California ²									
2005	1,900	4,790	9,100	9,100	1	446.0	1	446.0	40,583
2006	2,000	5,000	10,000	10,000	1	232.0	1	232.0	23,156
2007	2,300	7,170	16,500	14,500	2,000	195.0	97.0	183.0	30,215
2008	2,500	5,600	14,000	14,000	1	347.0	1	347.0	48,580
2009	3,000	8,070	24,200	24,200	1	294.0	1	294.0	71,148
2010	3,900	7,180	28,000	28,000	1	271.0	1	271.0	75,880
2011	4,200	10,000	42,100	42,100	1	241.0	1	241.0	101,461
2012	4,200	9,740	40,900	40,900	1	327.0	1	327.0	133,743
2013	4,800	10,700	51,400	--	--	--	--	248.0	127,520
2014	4,800	11,500	55,200	--	--	--	--	216.0	119,093
2015	6,200	10,300	63,900	--	--	--	--	188.0	120,303
2016	6,400	9,330	59,700	--	--	--	--	182.0	--
2017	6,600	9,480	62,600	--	--	--	--	220.0	--
2018	6,600	9,840	63,470	52,240	11,230	260.0	35.0	220.0	135,824
Florida									
1993	1,000	1,000	1,000	500	500	220.0	40.0	130.0	1,300
1994	1,300	2,310	3,000	2,300	700	220.0	90.0	190.0	5,690
1995	1,300	1,920	2,500	2,000	500	230.0	90.0	202.0	5,050
1996	1,300	1,770	2,300	1,800	500	255.0	75.0	216.0	4,965
1997	1,200	1,670	2,000	1,600	400	295.0	80.0	252.0	5,040
1998	1,200	1,670	2,000	1,600	400	375.0	60.0	312.0	6,240
1999	1,200	1,210	1,450	1,200	250	570.0	70.0	484.0	7,015
2000	1,400	2,000	2,800	2,300	500	500.0	85.0	426.0	11,925
2001	1,500	2,070	3,100	2,800	300	430.0	65.0	395.0	12,235
2002	1,600	1,810	2,900	2,900	1	640.0	1	640.0	18,560
2003	1,900	1,840	3,500	3,500	1	520.0	1	520.0	18,200
2004	2,300	2,430	5,600	5,600	1	450.0	1	450.0	25,200
2005	2,500	2,080	5,200	5,200	1	630.0	1	630.0	32,760
2006	2,600	2,690	7,000	7,000	1	470.0	1	470.0	32,900
2007	2,600	3,000	7,800	7,800	1	500.0	1	500.0	39,000
2008	3,000	3,270	9,800	9,800	1	530.0	1	530.0	51,940
2009	3,200	4,220	13,500	13,500	1	380.0	1	380.0	51,300
2010	3,500	4,690	16,400	16,400	1	288.0	1	288.0	47,232
2011	3,800	5,630	21,400	21,400	1	323.0	1	323.0	69,122
2012	4,500	3,800	17,100	17,100	1	363.0	1	363.0	62,073
2013	4,300	4,530	19,500	19,500	0	392.0	0.0	392.0	76,440
2014	4,300	4,420	19,000	19,000	0	398.0	0.0	398.0	75,620
2015	5,500	4,510	24,800	24,500	300	335.0	64.0	332.0	82,267
2016	4,700	3,110	14,600	--	--	--	--	368.0	53,656
2017	5,200	3,840	19,990	--	--	--	--	423.0	84,633
2018	5,200	3,950	20,420	--	--	--	--	296.0	60,404
Georgia									
1993	3,700	1,490	5,500	1,500	4,000	102.0	27.0	47.5	2,610
1994	3,700	2,030	7,500	2,000	5,500	110.0	35.0	55.0	4,125
1995	3,700	3,510	13,000	5,000	8,000	96.0	37.0	59.7	7,760
1996	3,500	1,570	5,500	2,000	3,500	121.0	57.0	80.3	4,415
1997	4,000	3,250	13,000	4,000	9,000	114.0	53.0	71.8	9,330
1998	4,400	1,700	7,500	4,000	3,500	98.0	53.0	77.0	5,775
1999	4,400	2,500	11,000	6,000	5,000	118.0	60.0	91.6	10,080
2000	4,600	4,130	19,000	6,000	13,000	145.0	75.0	97.1	18,450
2001	4,600	3,700	17,000	6,000	11,000	125.0	55.0	79.7	13,550
2002	4,500	3,780	17,000	8,000	9,000	157.0	54.0	102.0	17,420
2003	4,500	3,780	17,000	8,000	9,000	164.0	63.0	111.0	18,790
2004	4,800	4,380	21,000	10,000	11,000	164.0	67.0	113.0	23,770
2005	6,000	4,330	26,000	12,000	14,000	173.0	79.0	122.0	31,820
2006	7,000	4,500	31,500	16,000	15,500	237.0	141.0	190.0	59,775
2007	4,800	2,290	11,000	9,000	2,000	310.0	142.0	279.0	30,740
2008	9,500	4,320	41,000	24,000	17,000	223.0	98.0	171.0	70,180
2009	10,500	4,100	43,000	23,000	20,000	202.0	43.0	128.0	55,060
2010	13,000	4,460	58,000	36,000	22,000	171.0	72.0	133.0	77,400
2011	12,000	5,170	62,000	39,000	23,000	185.0	92.0	151.0	93,310
2012	13,000	4,920	64,000	33,000	31,000	200.0	61.0	133.0	84,910
2013	15,000	4,370	65,550	35,000	30,550	228.0	57.0	148.0	97,214
2014	16,600	5,540	92,000	52,000	40,000	170.0	76.0	129.0	118,800
2015	17,200	4,880	84,000	46,000	38,000	175.0	63.0	124.0	104,440
2016	16,900	4,140	70,000	48,100	21,900	159.0	54.0	126.0	88,305
2017	8,800	3,730	32,810	25,650	7,160	266.0	74.0	224.0	73,527
2018	13,300	4,100	53,350	31,990	21,360	208.0	97.0	164.0	87,258

See footnotes at end of table.

--Continued

Table D-2--Blueberries: Commercial acreage, yield per acre, production, and season-average grower price, by State,
various years to date--Continued

State and year	Acreage harvested	Yield per acre	Utilized production	Utilization		Grower price			Value of utilized production
				Fresh	Processed	Fresh	Processed	All	
				Acres	Pounds	----- 1,000 pounds-----		---- Cents/pound ----	
Indiana ⁶									
1993	830	3,370	2,800	1,400	1,400	70	27	48	1,352
1994	830	3,250	2,700	1,700	1,000	86	39	68	1,847
1995	830	4,580	3,800	2,000	1,800	87	39	64	2,442
1996	800	3,500	2,800	1,700	1,100	95	77	88	2,462
1997	800	4,380	3,500	2,200	1,300	100	61	85	2,990
1998	790	3,920	3,100	2,000	1,100	105	57	88	2,729
1999	770	3,640	2,800	2,000	800	106	59	93	2,595
2000	720	3,470	2,500	1,500	1,000	111	80	99	2,465
2001	670	2,240	1,500	900	600	130	75	108	1,620
2002	650	4,620	3,000	1,500	1,500	122	62	92	2,760
2003	600	3,000	1,800	1,300	500	132	78	117	2,106
2004	600	5,000	3,000	1,500	1,500	133	85	109	3,270
2005	600	5,830	3,500	2,000	1,500	141	97	122	4,275
2006	620	5,480	3,400	1,900	1,500	160	132	148	5,020
2007	580	2,410	1,400	800	600	220	155	192	2,690
2008	660	5,760	3,800	2,200	1,600	200	89	153	5,824
2009	660	5,610	3,700	2,700	1,000	192	40	151	5,584
2010	670	5,370	3,600	2,000	1,600	164	62	119	4,272
2011	650	2,460	1,600	1,300	300	195	115	180	2,880
2012	400	3,750	1,500	1,000	500	232	100	188	2,820
2013	630	4,760	3,000	--	--	--	--	143	4,300
2014	690	2,900	2,000	--	--	--	--	177	3,542
2015	630	2,540	1,600	--	--	--	--	191	3,048
Maine ³									
1980	14,800	1,430	21,190	na	21,190	na	38	38	8,056
1981	17,300	1,260	21,747	na	21,747	na	42	42	9,156
1982	na	na	35,925	na	35,925	na	52	52	18,681
1983	na	na	44,653	na	44,653	na	37	37	16,539
1984	na	na	24,684	na	24,684	na	25	25	6,170
1985	na	na	43,730	na	43,730	na	23	23	10,058
1986	na	na	40,169	na	39,669	na	30	30	12,452
1987	23,600	1,540	36,300	na	35,300	na	45	45	16,335
1988	na	na	52,617	na	52,344	na	46	46	24,078
1989	na	na	27,050	na	26,838	na	51	51	13,687
1990	na	na	75,294	na	74,951	na	37	37	27,732
1991	na	na	39,464	209	39,255	na	46	46	18,057
1992	na	na	84,513	320	84,193	na	41	41	34,519
1993	na	na	64,562	350	64,212	na	28	28	17,979
1994	na	na	59,495	350	59,145	na	30	30	17,744
1995	na	na	65,944	305	65,639	na	32	32	21,004
1996	na	na	59,198	268	58,930	na	57	57	33,590
1997	na	na	73,816	276	73,540	na	43	43	31,622
1998	na	na	62,981	360	62,621	100	46	46	29,166
1999	na	na	66,102	300	65,802	110	51	51	33,889
2000	na	na	110,990	420	110,570	120	40	40	44,732
2001	na	na	75,200	350	74,850	140	30	31	22,945
2002	na	na	62,400	400	62,000	125	28	29	17,860
2003	na	na	80,400	400	80,000	120	33	33	26,880
2004	na	na	46,000	300	45,700	135	45	46	20,970
2005	na	na	60,150	350	59,800	160	65	66	39,430
2006	na	na	74,600	400	74,200	170	80	81	60,040
2007	na	na	77,250	450	76,800	190	107	107	83,031
2008	na	na	89,950	550	89,400	220	60	61	54,850
2009	na	na	88,100	600	87,500	220	35	36	31,945
2010	na	na	83,000	500	82,500	220	60	61	50,600
2011	na	na	79,900	600	79,300	220	90	91	72,690
2012	na	na	91,100	500	90,600	225	75	76	69,075
2013	na	na	87,130	530	86,600	195	75	76	65,984
2014	22,800	4,580	104,400	600	103,800	200	60	61	63,480
2015	22,400	4,510	101,000	500	100,500	190	46	47	47,180
2016	23,100	4,400	101,640	380	101,260	79	27	27	27,679
2017	17,000	3,980	67,650	350	67,300	220	25	26	17,561
2018	18,800	2,680	50,300	450	49,850	105	46	46	23,155
Michigan ⁴									
1980	9,400	4,360	41,000	14,500	26,500	57	31	40	16,408
1981	9,800	5,310	52,000	14,000	38,000	68	45	51	26,568
1982	na	na	41,400	14,200	27,200	na	68	na	na
1983	12,000	4,095	49,148	13,425	35,723	na	53	na	na
1984	na	na	46,666	20,484	26,182	na	36	na	na
1985	na	na	50,200	19,100	31,100	na	42	na	na
1986	15,000	3,800	57,000	16,800	40,200	na	51	na	na
1987	na	na	56,100	15,500	40,600	na	53	na	na
1988	na	na	43,384	11,500	31,900	na	85	na	na
1989	16,000	3,756	60,100	18,300	41,800	na	52	na	na
1990	na	na	56,500	21,500	35,000	na	43	na	na
1991	na	na	54,800	15,000	39,800	na	64	na	na
1992	13,000	2,620	34,000	10,000	24,000	115	65	80	27,100
1993	15,500	5,610	87,000	19,000	68,000	75	30	40	34,650
1994		3,030	47,000	15,000	32,000	74	44	54	25,180
1995	16,300	4,110	67,000	19,000	48,000	75	40	50	33,450
1996	16,500	2,550	42,000	15,000	27,000	100	79	87	36,330
1997	16,500	4,360	72,000	19,000	53,000	99	59	70	50,042
1998	16,400	2,990	49,000	16,000	33,000	86	50	62	30,260
1999	16,600	4,220	70,000	18,000	52,000	113	66	78	54,660
2000	16,700	3,710	62,000	19,000	43,000	125	73	89	55,140
2001	16,800	4,170	70,000	21,000	49,000	109	55	71	49,840
2002	16,900	3,790	64,000	22,000	42,000	121	61	82	52,240
2003	15,900	3,900	62,000	24,000	38,000	130	84	102	63,105
2004	17,400	4,600	80,000	36,000	44,000	160	90	122	97,210
2005	16,800	3,930	66,000	25,000	41,000	170	100	127	83,500
2006	18,100	4,970	90,000	29,000	61,000	215	143	166	149,655
2007	18,500	5,030	93,000	30,000	63,000	205	165	178	165,456
2008	18,600	5,910	110,000	40,000	70,000	170	80	113	124,000
2009	18,500	5,350	99,000	49,000	50,000	165	42	103	101,850
2010	18,600	5,860	109,000	49,000	60,000	170	85	123	134,300
2011	19,200	3,750	72,000	34,000	38,000	215	120	165	118,700
2012	19,000	4,580	87,000	33,000	54,000	200	105	141	122,700
2013	19,500	6,000	117,000	50,000	67,000	170	60	107	125,200
2014	20,200	4,900	99,000	48,000	51,000	190	64	125	123,840
2015	19,400	3,770	73,100	42,000	31,100	180	75	135	98,925
2016	20,300	5,420	110,000	55,000	55,000	172	65	119	130,350
2017	20,000	5,010	100,200	53,600	46,600	165	60	116	116,400
2018	19,700	3,560	70,030	37,010	33,020	138	58	100	70,226

See footnotes at end of table.

--Continued

Table D-2--Blueberries: Commercial acreage, yield per acre, production, and season-average grower price, by State, various years to date--Continued

State and year	Acreage harvested	Yield per acre	Utilized production	Utilization		Grower price			Value of utilized production
				Fresh	Processed	Fresh	Processed	All	
	Acres	Pounds		----- 1,000 pounds-----		---- Cents/pound ----			\$1,000
Mississippi ^{5 6}									
2006	2000	2300	4,600	2,600	2,000	140.0	120.0	131.0	6,040
2007	2200	4320	9,500	5,000	4,500	210.0	150.0	182.0	17,250
2008	2700	1480	4,000	2,600	1,400	240.0	120.0	198.0	7,920
2009	2700	2190	5,900	4,800	1,100	180.0	78.0	161.0	9,498
2010	2700	2960	8,000	3,000	5,000	160.0	80.0	110.0	8,800
2011	2700	3890	10,500	4,000	6,500	200.0	135.0	160.0	16,775
2012	2700	3330	9,000	3,500	5,500	240.0	130.0	173.0	15,550
2013	2100	3000	6,300	3,600	2,700	210.0	105.0	165.0	10,395
2014	1900	3840	7,300	4,270	3,030	130.0	100.0	118.0	8,581
2015	1600	3630	5,800	--	--	--	--	139.0	8,040
2016	1800	4110	7,400	5,100	2,300	147.0	150.0	148.0	10,947
2017	1500	2300	3,450	--	--	--	--	167.0	5,755
New Jersey									
1980	8,100	3,210	25,993	19,998	6,000	69.0	34.5	61.0	15,870
1981	7,800	3,590	28,000	20,700	7,300	71.3	47.0	65.0	18,201
1982	7,500	4,000	30,000	22,000	8,000	76.0	59.0	71.2	21,360
1983	7,800	2,949	23,000	18,000	5,000	82.0	70.0	79.4	18,260
1984	7,900	3,797	30,000	24,140	4,860	69.0	35.0	62.0	17,980
1985	7,700	5,195	40,000	31,000	9,000	80.0	42.0	75.6	25,688
1986	7,900	5,063	40,000	28,000	12,000	84.4	49.0	77.4	23,216
1987	7,500	3,733	28,000	22,000	6,000	90.0	52.0	81.9	22,920
1988	7,700	3,377	26,000	18,000	8,000	110.0	82.0	101.4	26,360
1989	7,800	5,128	40,000	23,000	17,000	93.2	50.0	74.8	29,936
1990	7,900	2,970	23,500	19,000	4,500	90.0	52.0	82.7	19,440
1991	8,200	3,780	31,000	21,500	9,500	84.0	65.0	78.2	24,235
1992	7,600	3,030	23,000	13,000	10,000	104.0	83.0	94.9	21,820
1993	8,100	3,890	31,500	24,000	7,500	87.0	55.0	79.4	25,005
1994	7,600	4,140	31,500	21,000	10,500	86.0	49.0	73.7	23,205
1995	7,600	4,610	35,000	25,000	10,000	88.0	45.0	75.7	26,500
1996	7,500	4,530	34,000	23,000	11,000	100.0	91.0	97.1	33,010
1997	7,400	4,590	34,000	24,000	10,000	102.0	95.0	99.9	33,980
1998	7,500	4,800	36,000	28,000	8,000	87.0	50.0	78.8	28,360
1999	7,500	5,200	39,000	28,000	11,000	102.0	73.0	93.8	36,590
2000	7,500	4,530	34,000	24,000	10,000	115.0	85.0	106.0	36,100
2001	7,400	5,000	37,000	29,000	8,000	109.0	64.0	99.0	36,730
2002	7,400	5,680	42,000	37,000	5,000	117.0	70.0	111.0	46,790
2003	7,500	5,330	40,000	33,000	7,000	120.0	87.0	114.0	45,690
2004	7,500	5,200	39,000	33,000	6,000	121.0	95.0	117.0	45,630
2005	7,500	6,000	45,000	33,000	12,000	131.0	102.0	123.0	55,470
2006	7,600	6,840	52,000	40,000	12,000	164.0	151.0	161.0	83,720
2007	7,600	7,110	54,000	41,000	13,000	170.0	158.0	167.0	90,240
2008	7,900	7,470	59,000	46,000	13,000	148.0	107.0	139.0	81,990
2009	8,200	6,460	53,000	45,000	8,000	134.0	62.0	123.0	65,260
2010	8,400	5,830	49,000	42,000	7,000	134.0	89.0	128.0	62,510
2011	8,600	7,210	62,000	47,000	15,000	160.0	130.0	153.0	94,700
2012	8,800	5,850	51,500	43,000	8,500	164.0	121.0	157.0	80,805
2013	10,900	5,690	62,050	50,600	11,450	122.0	84.0	115.0	71,350
2014	9,700	5,730	55,580	49,700	5,880	144.0	105.0	140.0	77,742
2015	9,700	5,050	49,030	42,100	6,930	143.0	99.0	137.0	67,064
2016	9,300	4,730	43,990	37,400	6,590	141.0	101.0	135.0	59,390
2017	9,300	4,380	40,770	36,250	4,520	204.0	87.0	191.0	77,882
2018	9,000	4,940	44,010	35,960	8,050	162.0	52.0	142.0	62,441
New York ⁶									
1993	560	3,000	1,680	1,680	na	98.0	na	98.0	1,646
1994	660	1,970	1,300	1,300	na	108.0	na	108.0	1,404
1995	600	1,830	1,100	900	200	104.0	84.0	100.0	1,104
1996	650	1,820	1,200	1,100	100	104.0	85.0	102.0	1,229
1997	700	2,140	1,500	1,400	100	108.0	90.0	107.0	1,602
1998	700	2,140	1,500	1,300	200	104.0	92.0	102.0	1,536
1999	700	2,290	1,600	1,500	100	111.0	68.0	108.0	1,733
2000	700	2,710	1,900	1,800	100	97.0	70.0	95.6	1,816
2001	700	2,140	1,500	1,450	50	120.0	50.0	118.0	1,765
2002	700	2,710	1,900	1,800	100	138.0	66.0	134.0	2,550
2003	800	2,500	2,000	1,950	50	130.0	86.0	129.0	2,578
2004	800	2,130	1,700	1,400	300	145.0	95.0	136.0	2,315
2005	850	1,650	1,400	1,350	50	142.0	92.0	140.0	1,963
2006	900	2,220	2,000	1,950	50	141.0	92.0	140.0	2,796
2007	900	2,560	2,300	2,250	50	147.0	130.0	147.0	3,373
2008	900	2,560	2,300	2,200	100	182.0	103.0	179.0	4,107
2009	900	2,330	2,100	2,050	50	221.0	54.0	217.0	4,558
2010	900	2,330	2,100	2,100	0	215.0	na	215.0	4,515
2011	900	2,000	1,800	1,800	0	220.0	na	220.0	3,960
2012	1,000	1,700	1,700	1,700	0	229.0	na	229.0	3,893
2013	1,100	1,600	1,760	1,760	0	215.0	na	215.0	3,784
2014	800	1,940	1,550	1,550	0	262.0	na	262.0	4,061
2015	1,000	1,720	1,720	--	0	--	na	232.0	3,995
2016	900	1,500	1,350	--	--	--	--	240.0	3,235
2017	800	1,930	1,540	--	--	--	--	245.0	3,771
North Carolina									
1980	3,000	1,990	5,970	5,520	450	66.9	41.6	81.8	4,885
1981	3,200	2,230	7,150	5,880	1,270	84.6	37.0	76.1	5,444
1982	3,100	1,532	4,750	3,610	1,140	98.6	44.0	85.5	4,061
1983	4,000	1,645	5,100	4,230	870	92.0	49.2	84.7	4,320
1984	3,200	2,940	9,410	8,460	950	95.0	30.0	88.4	8,320
1985	3,200	530	1,700	1,678	22	125.0	28.0	123.8	2,105
1986	4,000	1,760	5,460	4,860	600	103.0	32.0	95.2	5,198
1987	3,400	3,370	11,460	7,370	4,090	122.2	37.5	80.3	9,199
1988	3,600	3,860	14,000	9,300	4,700	111.0	44.0	88.8	12,347
1989	4,350	2,940	10,000	8,000	2,000	93.5	38.0	82.4	7,997
1990	2,900	2,100	6,100	5,700	400	115.0	25.0	109.0	6,655
1991	2,900	3,970	11,500	8,100	3,400	103.0	32.0	82.0	9,431
1992	2,800	3,790	10,600	7,600	3,000	107.0	47.1	90.0	9,545
1993	2,900	5,170	15,000	11,000	4,000	109.0	34.1	89.0	13,354
1994	3,000	5,000	15,000	12,000	3,000	105.0	42.6	92.5	13,878
1995	3,200	4,380	14,000	11,000	3,000	105.0	39.0	90.9	12,720
1996	3,200	3,440	11,000	9,000	2,000	109.0	67.0	101.0	11,150
1997	3,250	2,650	8,600	6,600	2,000	135.0	59.0	117.0	10,090
1998	3,000	4,730	14,200	10,800	3,400	109.0	35.0	91.3	12,962
1999	3,200	4,060	13,000	10,000	3,000	119.0	51.0	103.0	13,430
2000	3,600	4,860	17,500	10,500	7,000	130.0	64.0	104.0	18,130
2001	2,700	5,000	13,500	10,500	3,000	164.0	56.0	140.0	18,900
2002	3,700	4,190	15,500	11,300	4,200	176.0	63.0	145.0	22,534
2003	4,200	5,360	22,500	16,100	6,400	185.0	78.0	155.0	34,777
2004	4,400	5,200	22,900	16,400	6,500	170.0	67.0	141.0	32,235
2005	5,000	5,200	26,000	16,100	9,900	180.0	78.0	141.0	36,702
2006	4,900	5,430	26,600	18,600	8,000	215.0	135.0	191.0	50,790
2007	4,700	3,450	16,200	11,					

Table D-2--Blueberries: Commercial acreage, yield per acre, production, and season-average grower price, by State,
various years to date--Continued

State and year	Acreage harvested	Yield per acre	Utilized production	Utilization		Grower price			Value of utilized production
				Fresh	Processed	Fresh	Processed	All	
				----- 1,000 pounds-----		---- Cents/pound ----			
	Acres	Pounds							\$1,000
Oregon									
1980	550	5,450	3,000	1,400	1,600	67.2	29.3	47.0	1,410
1981	580	6,030	3,500	1,900	1,600	72.0	49.9	61.9	2,166
1982	620	5,650	3,500	2,000	1,500	67.5	69.0	68.1	2,385
1983	700	7,500	5,250	2,450	2,800	74.0	62.0	67.6	3,549
1984	750	6,000	4,500	2,300	2,200	67.0	35.0	51.4	2,311
1985	800	6,500	5,200	2,900	2,300	57.5	52.5	55.3	2,876
1986	900	6,730	6,057	na	na	na	na	na	4,040
1987	1,200	7,690	9,228	na	na	na	na	na	5,550
1988	1,300	7,860	10,218	na	na	na	na	na	7,707
1989	1,370	8,190	11,220	na	na	na	na	na	7,708
1990	1,450	7,900	11,455	na	na	na	na	na	6,942
1991	1,550	8,070	12,516	na	na	na	na	na	8,115
1992	1,800	8,610	15,500	4,500	11,000	108.0	65.0	77.5	12,010
1993	1,850	7,840	14,500	6,500	8,000	80.5	34.0	54.8	7,953
1994	1,950	8,970	17,500	8,000	9,500	73.0	34.0	51.8	9,070
1995	1,950	7,180	14,000	6,000	8,000	71.0	33.0	49.3	6,900
1996	2,100	8,100	17,000	6,000	11,000	92.5	65.5	75.0	12,755
1997	2,500	8,400	21,000	6,500	14,500	87.5	67.0	73.3	15,403
1998	2,600	8,650	22,500	8,000	14,500	72.0	38.5	50.4	11,343
1999	2,800	8,040	22,500	7,500	15,000	105.0	67.0	79.7	17,925
2000	3,100	9,350	29,000	10,000	19,000	91.0	70.0	77.2	22,400
2001	3,200	8,910	28,500	10,900	17,600	82.0	38.0	54.8	15,626
2002	3,400	7,790	26,500	11,000	15,500	100.0	55.0	73.7	19,525
2003	3,600	6,640	23,900	10,400	13,500	109.0	70.0	87.0	20,786
2004	3,800	8,950	34,000	13,400	20,600	97.0	70.0	80.6	27,418
2005	4,200	8,210	34,500	13,800	20,700	121.0	80.0	96.4	33,258
2006	4,500	7,910	35,600	13,900	21,700	179.0	130.0	149.0	53,091
2007	5,000	9,000	45,000	16,800	28,200	160.0	144.0	150.0	67,488
2008	5,200	8,290	43,100	19,600	23,500	144.0	90.0	115.0	49,374
2009	5,700	8,420	48,000	24,000	24,000	111.0	47.0	79.0	37,920
2010	7,500	7,280	54,600	27,300	27,300	146.0	87.0	117.0	63,609
2011	7,800	8,400	65,500	36,700	28,800	199.0	152.0	178.0	116,809
2012	8,400	8,570	72,000	37,500	34,500	204.0	90.0	149.0	107,550
2013	9,600	9,320	89,500	42,000	47,500	133.0	81.0	105.0	94,335
2014	9,300	9,510	88,400	39,200	49,200	155.0	80.0	113.0	100,120
2015	10,000	9,690	96,900	38,300	58,600	153.0	78.0	108.0	104,307
2016	11,900	9,760	116,100	51,000	65,100	154.0	40.0	90.1	104,580
2017	11,700	9,310	108,900	54,950	53,950	200.0	70.0	136.0	147,665
2018	13,500	10,200	134,750	60,500	74,250	203.0	78.0	134.0	180,730
Washington									
1980	800	6,380	5,100	1,765	3,335	61.6	51.0	54.7	2,788
1981	800	5,750	4,600	2,036	2,564	69.4	53.4	60.5	2,782
1982	900	6,800	6,120	1,620	4,500	72.4	69.1	70.0	4,283
1983	900	8,000	7,200	2,250	4,950	73.1	60.5	64.4	4,637
1984	800	6,000	4,800	1,700	3,100	64.0	42.0	49.8	2,390
1985	800	6,875	5,500	2,100	3,400	79.7	52.6	62.9	3,462
1986	800	3,625	2,900	1,100	1,800	81.5	62.5	69.7	2,022
1987	900	7,000	6,000	2,400	3,900	81.5	60.4	68.4	4,312
1988	1,000	6,500	6,500	1,800	4,700	83.4	73.0	75.9	4,932
1989	900	7,000	6,300	2,100	4,200	82.0	62.0	68.7	4,326
1990	850	7,400	6,290	1,300	4,990	75.0	55.0	59.1	3,720
1991	900	5,500	4,950	1,250	3,700	92.0	60.0	68.1	3,370
1992	1,200	6,800	8,160	1,960	6,200	92.0	64.0	70.7	5,771
1993	1,200	5,600	6,720	2,020	4,700	78.0	39.0	50.7	3,409
1994	1,400	6,200	8,680	2,680	6,000	62.0	42.0	48.2	4,182
1995	1,300	4,500	6,300	1,800	4,500	77.0	38.0	49.1	3,096
1996	1,300	6,300	8,190	1,590	6,600	89.0	64.0	68.9	5,639
1997	1,300	6,700	8,710	2,000	6,710	167.0	66.0	89.2	7,769
1998	1,500	7,000	10,500	2,000	8,500	103.0	53.0	62.5	6,565
1999	1,600	6,800	10,880	1,500	9,380	122.0	64.0	72.0	7,833
2000	1,700	7,300	12,410	2,300	10,110	117.0	66.0	75.5	9,364
2001	2,000	7,500	15,000	4,200	10,800	142.0	53.0	77.9	11,688
2002	2,100	6,500	13,650	2,850	10,800	122.0	58.0	71.4	9,741
2003	2,200	6,000	13,200	3,400	9,800	133.0	77.0	91.4	12,068
2004	2,400	7,500	18,000	5,000	13,000	125.0	75.0	88.9	16,000
2005	2,800	7,000	19,600	3,900	15,700	133.0	89.0	97.8	19,160
2006	3,400	5,590	19,000	4,500	14,500	238.0	134.0	159.0	30,140
2007	3,700	8,000	29,600	11,200	18,400	215.0	139.0	168.0	49,656
2008	4,100	7,800	32,000	12,000	20,000	228.0	80.0	136.0	43,360
2009	4,800	8,130	39,000	10,500	28,500	174.0	43.0	78.3	30,525
2010	5,200	8,080	42,000	12,200	29,800	238.0	86.0	130.0	54,664
2011	7,000	8,710	61,000	30,500	30,500	256.0	144.0	200.0	122,000
2012	8,000	8,750	70,000	35,000	35,000	149.0	95.0	122.0	85,400
2013	9,000	9,070	81,600	23,600	58,000	141.0	66.0	87.7	71,556
2014	9,300	10,300	95,800	28,700	67,100	184.0	96.0	122.0	117,224
2015	11,000	9,450	103,950	23,200	80,750	177.0	131.0	141.0	146,847
2016	13,400	8,930	119,650	28,900	90,750	162.0	52.0	78.6	94,008
2017	13,700	8,550	117,150	36,350	80,800	156.0	72.0	98.1	114,882
2018	14,400	9,470	136,100	41,910	94,190	186.0	65.0	102.0	139,177

-- = Withheld to avoid disclosing data for individual operations. na= not available.

¹ Small quantities of processed blueberries are included in fresh to avoid disclosure of individual operations. ² Estimates began in 2005.

³ Maine produces wild blueberries, other States cultivated. Beginning in 1988 through 1996, data for wild blueberries are from the New England Agricultural Statistics Service. Data prior to 1988 are from the North American Blueberry Council. ⁴ Includes small amounts from Indiana prior to 1992. ⁵ Estimates began in 2006. ⁶ Estimates discontinued for Alabama, Arkansas, and Indiana in 2016 and for Mississippi and New York in 2018.

Sources: USDA, National Agricultural Statistics Service, *Noncitrus Fruit and Nuts Summary*, various issues; prior to 1992, data from National Agricultural Statistics Service, New England, Oregon, and Washington field offices.

Table D-3--Boysenberries and loganberries: Commercial acreage, yield per acre, production, and season-average grower price,
California and Oregon, various years to date

State and year	Acreage harvested	Yield per acre	Utilized production	Utilization		Grower price			Value of utilized production
				Fresh	Processed	Fresh	Processed	All	
	<i>Acres</i>	<i>Pounds</i>		<i>----- 1,000 pounds-----</i>		<i>----- Cents/pound -----</i>			<i>\$1,000</i>
Boysenberries									
California ¹									
1991	na	na	na	na	na	na	na	na	na
1992	200	8,500	1,700	na	na	na	na	91.1	1,548
1993	250	9,000	2,250	na	na	na	na	88.0	1,980
1994	250	8,000	2,000	na	na	na	na	75.5	1,510
1995	270	6,670	1,800	na	na	na	na	95.0	1,710
1996	270	8,890	2,400	na	na	na	na	93.7	2,248
1997	270	9,110	2,460	na	na	na	na	66.7	1,642
1998	250	7,000	1,750	na	na	na	na	79.2	1,386
1999	300	9,330	2,800	na	na	na	na	82.4	2,308
2000	260	9,620	2,500	na	na	na	na	82.4	2,061
2001	230	8,260	1,900	na	na	na	na	81.6	1,550
2002	210	8,100	1,700	na	na	na	na	81.6	1,388
2003	200	6,000	1,200	na	na	na	na	89.1	1,069
2004	300	10,000	3,000	na	na	na	na	120.0	3,600
2005	110	9,000	990	na	na	na	na	133.0	1,320
2006	110	11,300	1,240	na	na	na	na	107.0	1,323
2007	110	10,600	1,170	na	na	na	na	72.2	845
2008	70	7,570	530	na	na	na	na	72.8	386
Oregon ¹									
1980	1,000	3,500	3,500	100	3,400	45.8	30.6	31.0	1,086
1981	950	3,000	2,850	100	2,750	43.4	28.4	28.9	824
1982	1,000	4,200	4,200	200	4,000	42.0	32.3	32.8	1,376
1983	950	3,740	3,550	200	3,350	45.0	34.0	34.6	1,229
1984	900	3,700	3,330	200	3,130	71.0	71.0	71.0	2,364
1985	900	4,000	3,600	100	3,500	82.0	79.0	79.1	2,847
1986	850	4,350	3,700	50	3,650	77.0	80.0	80.0	2,959
1987	1,000	5,300	5,300	50	5,250	67.0	52.0	52.2	2,764
1988	950	5,680	5,400	100	5,300	73.0	42.4	43.0	2,320
1989	900	3,440	3,100	100	3,000	72.0	50.3	51.0	1,581
1990	1,000	4,500	4,500	100	4,400	81.0	55.0	55.6	2,501
1991	900	4,670	4,200	100	4,100	97.5	99.8	99.8	4,190
1992	1,000	6,150	6,150	150	6,000	125.0	64.0	65.5	4,028
1993	1,000	4,550	4,550	150	4,400	115.0	74.0	75.4	3,429
1994	1,200	5,080	6,100	100	6,000	103.0	62.5	63.2	3,853
1995	1,200	3,980	4,780	80	4,700	134.0	77.5	78.5	3,750
1996	1,200	4,170	5,000	100	4,900	146.0	103.0	104.0	5,193
1997	1,350	5,260	7,100	200	6,900	119.0	53.0	54.9	3,895
1998	1,200	5,000	6,000	300	5,700	83.5	43.0	45.0	2,702
1999	1,150	5,480	6,300	300	6,000	107.0	64.0	66.0	4,161
2000	1,100	5,450	6,000	300	5,700	135.0	44.5	49.0	2,942
2001	1,000	4,500	4,500	300	4,200	139.0	57.0	62.5	2,811
2002	900	3,670	3,300	200	3,100	129.0	54.0	58.5	1,932
2003	800	3,880	3,100	200	2,900	139.0	82.0	85.7	2,656
2004	750	4,270	3,200	200	3,000	149.0	109.0	112.0	3,568
2005	600	3,830	2,300	200	2,100	163.0	148.0	149.0	3,434
2006	600	3,830	2,300	100	2,200	158.0	141.0	142.0	3,260
2007	700	5,570	3,900	100	3,800	154.0	54.0	56.6	2,206
2008	700	3,810	2,670	270	2,400	108.0	69.0	73.0	1,948
2009	600	5,330	3,200	100	3,100	149.0	63.0	65.7	2,102
2010	500	4,200	2,100	200	1,900	100.0	86.0	87.3	1,834
2011	500	5,200	2,600	100	2,500	188.0	98.0	101.0	2,638
2012	400	4,880	1,950	50	1,900	173.0	103.0	105.0	2,044
2013	500	4,600	2,300	²	²	128.0	107.0	109.0	2,503
2014	500	5,100	2,550	210	2,340	182.0	135.0	139.0	3,541
2015	350	7,000	2,450	230	2,220	150.0	108.0	112.0	2,743
2016	340	6,320	2,150	550	1,600	99.0	50.0	62.6	1,345
2017	330	6,060	2,000	20	1,980	199.0	83.5	84.7	1,693

See footnotes at end of table.

--Continued

Table D-3--Boysenberries and loganberries: Commercial acreage, yield per acre, production, and season-average grower price, California and Oregon, various years to date--Continued

State and year	Acreage harvested	Yield per acre	Utilized production	Utilization		Grower price			Value of utilized production
				Fresh	Processed	Fresh	Processed	All	
	<i>Acres</i>	<i>Pounds</i>	-----1,000 pounds-----			----- Cents/pound -----			<i>\$ 1,000</i>
Loganberries									
Oregon ¹									
1980	420	5,360	2,250	30	2,220	44.6	24.5	24.8	557
1981	450	3,420	1,540	40	1,500	23.0	18.8	18.9	291
1982	500	4,200	2,100	50	2,050	47.5	35.0	35.3	742
1983	450	5,330	2,300	80	2,220	35.0	25.7	26.0	598
1984	420	3,330	1,400	100	1,300	43.0	40.0	40.2	563
1985	330	3,790	1,250	50	1,200	51.0	49.5	49.6	620
1986	230	5,650	1,300	30	1,270	86.0	75.0	75.3	979
1987	240	5,330	1,280	30	1,250	61.0	35.0	35.6	456
1988	240	5,670	1,360	10	1,350	67.0	35.0	35.3	480
1989	200	3,250	650	25	625	64.0	44.5	45.2	294
1990	160	6,250	1,000	10	990	77.0	38.0	38.4	384
1991	100	1,800	180	10	170	105.0	80.0	81.7	147
1992	110	6,000	660	10	650	101.0	48.5	49.2	325
1993	90	5,000	450	90	360	156.0	60.0	79.1	356
1994	90	4,440	400	70	330	100.0	78.5	82.3	329
1995	80	3,880	310	70	240	142.0	68.0	84.5	262
1996	80	3,130	250	125	125	122.0	75.5	98.8	247
1997	90	3,670	330	150	180	170.0	77.0	119.0	394
1998	70	4,000	280	90	190	112.0	74.0	86.4	242
1999	80	4,750	380	90	290	152.0	88.0	103.0	392
2000	80	5,750	460	80	380	156.0	45.0	64.3	296
2001	70	1,570	110	10	100	154.0	35.0	45.5	50
2002	70	3,710	260	160	100	100.0	50.0	80.8	210
2003	70	2,710	190	70	120	133.0	80.0	99.0	189
2004	60	2,830	170	20	150	114.0	72.0	77.1	131
2005	60	3,670	220	20	200	142.0	80.0	85.5	188
2006	60	2,000	120	10	110	132.0	79.1	83.3	100
2007	40	2,250	90	10	80	162.0	90.0	97.8	88
2008	30	2,000	60	2	2	2	2	105.0	63

na = not available.

¹ Estimates discontinued for California boysenberries and Oregon loganberries in 2009 and for Oregon boysenberries in 2018.

² Data not published to avoid disclosure of individual operations.

Sources: USDA, National Agricultural Statistics Service, Oregon field office, *Oregon Berry Production*, various issues;

USDA National Agricultural Statistics Service, *Noncitrus Fruit and Nuts Summary*, various issues.

Table D-4--Black raspberries: Commercial acreage, yield per acre, production, and season-average grower price, Oregon, Washington, and California, 1980 to 2017 ¹

State and year	Acreage harvested	Yield per acre	Utilized production	Utilization		Grower price			Value of utilized production
				Fresh	Processed	Fresh	Processed	All	
Summary 1980 to 2017									
	<i>Acres</i>	<i>Pounds</i>		----- 1,000 pounds-----		----- Cents/pound -----			<i>\$1,000</i>
Oregon									
1980	1,700	1,820	3,100	30	3,070	58.8	45.4	45.5	1,411
1981	1,600	2,010	3,220	20	3,200	50.0	24.1	24.3	781
1982	1,500	1,850	2,770	10	2,470	50.0	27.5	27.6	684
1983	1,350	2,150	2,900	10	2,890	60.0	53.0	53.0	1,538
1984	1,300	1,540	2,000	20	1,980	110.0	95.0	95.2	1,903
1985	1,350	1,560	2,100	20	2,080	157.0	136.2	136.2	2,860
1986	1,550	1,870	2,900	0	2,900	0.0	180.0	180.0	5,200
1987	1,750	2,490	4,350	10	4,340	90.0	52.0	52.1	2,266
1988	1,500	2,500	3,750	20	3,730	88.0	34.5	34.8	1,305
1989	1,400	1,930	2,700	50	2,650	120.0	38.0	39.5	1,067
1990	1,400	1,820	2,550	30	2,520	122.0	120.0	120.0	3,061
1991	1,100	1,450	1,600	10	1,590	200.0	203.0	203.0	3,248
1992	1,100	2,180	2,400	30	2,370	153.0	148.0	148.0	3,554
1993	1,150	2,430	2,800	20	2,780	188.0	161.0	161.0	4,514
1994	1,150	3,300	3,800	20	3,780	150.0	100.0	100.0	3,810
1995	1,200	2,130	2,550	10	2,540	159.0	60.0	60.4	1,540
1996	1,150	1,650	1,900	10	1,890	191.0	167.0	167.0	3,175
1997	1,100	1,910	2,100	10	2,090	288.0	190.0	190.0	4,000
1998	1,060	1,980	2,100	20	2,080	237.0	210.0	210.0	4,415
1999	1,100	2,550	2,800	10	2,790	242.0	189.0	189.0	5,297
2000	1,150	3,130	3,600	30	3,570	210.0	148.0	149.0	5,347
2001	1,200	3,380	4,050	10	4,040	138.0	45.0	45.2	1,832
2002	1,200	2,420	2,900	20	2,880	193.0	40.0	41.1	1,191
2003	1,100	2,090	2,300	10	2,290	182.0	136.0	136.0	3,132
2004	1,100	2,160	2,380	10	2,370	243.0	225.0	225.0	5,357
2005	1,300	3,260	4,240	20	4,220	187.0	246.0	246.0	10,418
2006	1,500	2,670	4,010	10	4,000	198.0	244.0	244.0	9,780
2007	1,400	2,610	3,650	50	3,600	181.0	97.0	98.2	3,583
2008	1,500	2,080	3,120	2	2	2	2	186.0	5,815
2009	1,100	2,850	3,130	2	2	2	2	37.7	1,181
2010	1,300	1,340	1,740	140	1,600	132.0	125.0	126.0	2,185
2011	1,100	2,030	2,230	30	2,200	254.0	247.0	247.0	5,510
2012	900	2,390	2,150	50	2,100	248.0	265.0	265.0	5,689
2013	1,000	2,650	2,650	50	2,600	212.0	260.0	259.0	6,866
2014	1,100	3,590	3,950	300	3,650	235.0	242.0	241.0	9,538
2015	1,100	4,150	4,565	500	4,065	299.0	129.0	148.0	6,739
2016	950	4,970	4,720	480	4,240	125.0	121.0	122.0	5,742
2017	950	2,030	1,930	2	2	2	2	130.0	2,507
Washington ³									
1980	120	1,460	175	2	173	41.0	41.0	41.0	72
1981	120	670	80	4	76	47.5	25.0	26.1	21
1982	110	1,230	135	4	131	29.0	29.0	29.6	40
1983	110	1,000	110	10	100	65.0	50.0	51.4	57
1984	100	850	85	15	70	59.0	55.0	55.3	47
1985	100	950	95	25	70	135.0	140.0	138.9	132
1986	100	700	70	14	56	170.0	165.0	165.7	116
1987	100	1,100	110	23	87	55.0	49.2	50.4	55
1988	80	1,300	104	20	84	100.0	41.0	51.9	54
2014	150	1,400	210	40	170	253.0	78.2	111.0	234
2015	150	5,370	805	2	2	2	2	95.3	767
2016	110	2,820	310	2	2	2	2	127.0	393
2017	110	2,180	240	2	2	2	2	399.0	958
California ⁴									
2014	500	9,300	4,650	4,400	250	267.0	174.0	262.0	12,183
2015	400	7,700	3,080	2	2	2	2	375.0	11,556
2016	350	10,600	3,700	3,700	--	347.0	--	347.0	12,839
2017	350	6,370	2,230	2	2	2	2	409.0	9,123

-- Represents zero. ¹ Discontinued beginning in 2018. ² Data not published to avoid disclosure of individual operations.

³ Not reported from 1989 to 2013. ⁴ Data first reported for the 2014 crop year.

Sources: USDA, National Agricultural Statistics Service, Oregon field office, *Oregon Berry Production*, various issues.

Berries historic data through 1988 from USDA, National Agricultural Statistics Service, Washington Field Office.

USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table D-5--Red raspberries: Commercial acreage, yield per acre, utilized production, and season-average grower price, Oregon, Washington, and California, 1980 to date

State and year	Acreage	Yield per acre	Utilized production	Utilization		Grower price			Value of utilized production
				Fresh	Processed	Fresh	Processed	All	
	Acres	Pounds		----- 1,000 pounds -----		---- Cents/pound ----			\$1,000
Oregon ¹									
1980	2,100	5,050	10,600	600	10,000	50.7	27.4	28.7	3,044
1981	2,000	6,000	12,000	600	11,400	54.2	51.0	51.2	6,139
1982	2,500	5,400	13,500	1,000	12,500	78.0	70.0	70.6	9,530
1983	2,500	5,600	14,000	1,000	13,000	65.0	35.9	38.0	5,320
1984	2,700	5,480	14,800	800	14,000	65.0	53.0	53.6	7,940
1985	2,800	4,460	12,500	500	12,000	80.0	52.5	53.6	6,700
1986	3,100	4,000	12,400	300	12,100	82.0	76.5	76.6	9,503
1987	3,500	6,140	21,500	600	20,900	76.0	50.0	50.7	10,906
1988	3,700	5,140	19,000	650	18,350	99.0	53.5	55.1	10,461
1989	4,000	6,250	25,000	600	24,400	94.0	55.5	56.4	14,106
1990	4,200	5,120	21,500	500	21,000	88.0	31.7	33.0	7,097
1991	4,000	4,130	16,500	300	16,200	108.0	53.0	54.0	8,910
1992	4,000	5,500	22,000	400	21,600	108.0	53.0	54.0	11,880
1993	3,700	4,460	16,500	500	16,000	115.0	69.5	70.9	11,695
1994	3,800	5,790	22,000	1,000	21,000	157.0	86.5	89.7	19,735
1995	4,000	4,630	18,500	700	17,800	154.0	74.0	77.0	14,250
1996	3,700	3,920	14,500	800	13,700	181.0	79.4	85.0	12,326
1997	3,600	4,860	17,500	500	17,000	144.0	52.5	55.1	9,645
1998	3,300	3,640	12,000	700	11,300	143.0	39.5	45.5	5,465
1999	3,000	4,370	13,100	700	12,400	100.0	69.0	70.7	9,256
2000	2,700	3,560	9,600	900	8,700	116.0	47.0	53.5	5,133
2001	2,300	4,090	9,400	800	8,600	122.0	45.0	51.6	4,846
2002	2,200	3,450	7,600	1,300	6,300	122.0	63.0	73.1	5,555
2003	2,000	2,600	5,200	1,000	4,200	128.0	70.0	81.2	4,220
2004	1,900	3,530	6,700	1,100	5,600	137.0	76.0	86.0	5,763
2005	1,900	3,790	7,200	1,300	5,900	155.0	66.0	82.1	5,909
2006	1,900	3,240	6,150	950	5,200	173.0	61.0	78.3	4,816
2007	1,700	2,940	5,000	900	4,100	151.0	75.0	88.7	4,434
2008	1,500	3,370	5,050	1,050	4,000	187.0	153.0	160.0	8,084
2009	1,400	3,860	5,400	1,100	4,300	175.0	117.0	129.0	6,956
2010	1,300	3,940	5,120	1,020	4,100	183.0	105.0	121.0	6,172
2011	1,200	5,000	6,000	1,000	5,000	180.0	92.0	107.0	6,400
2012	1,300	5,080	6,600	800	5,800	178.0	90.0	101.0	6,644
2013	1,300	4,120	5,350	650	4,700	212.0	106.0	119.0	6,360
2014	1,300	3,620	4,700	810	3,890	174.0	160.0	162.0	7,621
2015	1,100	4,380	4,820	920	3,900	246.0	124.0	147.0	7,099
2016	800	4,750	3,800	900	2,900	110.0	87.2	92.6	3,518
2017	750	4,250	3,190	²	²	²	²	111.0	3,549
Washington									
1980	2,800	4,500	12,600	2,240	10,360	69.6	30.3	37.3	4,698
1981	3,000	4,750	14,250	2,350	11,900	68.1	48.8	52.0	7,408
1982	3,100	5,700	17,670	1,800	15,870	78.8	66.0	67.3	11,892
1983	3,000	5,800	17,400	1,740	15,660	83.4	38.5	43.0	7,482
1984	3,000	5,450	16,350	1,150	15,200	78.5	47.0	49.2	8,047
1985	3,200	5,250	16,800	1,000	15,800	75.9	54.9	56.1	9,433
1986	3,300	4,200	13,860	1,040	12,820	86.0	75.0	75.8	10,509
1987	3,600	6,400	23,040	1,300	21,740	93.6	50.1	52.6	12,109
1988	4,000	6,300	25,200	1,200	24,000	83.5	52.0	53.5	13,482
1989	4,800	6,900	33,600	1,200	22,400	85.0	55.0	56.1	16,269
1990	5,400	5,200	28,080	1,280	26,800	90.0	35.0	37.5	10,532
1991	5,300	6,100	32,330	1,030	31,300	108.0	49.0	50.9	16,449
1992	5,300	7,800	41,340	1,440	39,900	115.0	51.0	53.2	22,005
1993	5,200	8,200	42,640	1,640	41,000	140.0	63.0	66.0	28,126
1994	5,700	8,200	46,740	1,840	44,900	166.0	81.0	84.3	39,423
1995	5,900	8,900	52,510	1,010	51,500	118.0	66.0	67.0	35,182
1996	6,300	6,500	40,950	1,950	39,000	122.0	72.0	74.4	30,459
1997	8,500	7,000	59,500	3,000	56,500	143.0	42.0	47.1	28,020
1998	9,000	6,700	60,300	2,300	58,000	128.0	34.0	37.6	22,664
1999	9,500	7,300	69,350	4,000	65,350	129.0	66.0	69.6	48,291
2000	9,500	7,500	71,250	4,000	67,250	126.0	31.0	36.3	25,888
2001	9,500	7,900	75,050	3,550	71,500	158.0	45.0	50.3	37,784
2002	9,500	7,800	74,100	5,200	68,900	115.0	45.0	49.9	36,985
2003	9,200	7,300	67,200	1,400	65,800	167.0	52.0	54.4	36,554
2004	9,000	6,600	59,400	1,500	57,900	169.0	75.0	77.4	45,960
2005	9,500	7,400	70,300	1,400	68,900	197.0	53.0	55.9	39,275
2006	9,600	6,000	57,600	850	56,750	212.0	33.0	35.6	20,530
2007	9,500	5,800	55,100	550	54,550	111.0	50.0	50.6	27,886
2008	9,600	5,730	55,000	550	54,450	211.0	167.0	167.0	92,093
2009	9,700	6,770	65,700	700	65,000	272.0	85.0	87.0	57,154
2010	9,600	6,360	61,010	610	60,400	119.0	82.0	82.4	50,254
2011	9,800	7,380	72,300	400	71,900	299.0	60.0	61.3	44,336
2012	9,800	6,400	62,700	450	62,250	254.0	59.0	60.4	37,871
2013	9,900	6,880	68,100	750	67,350	186.0	83.0	84.1	57,296
2014	9,500	7,330	69,600	900	68,700	208.0	83.3	84.9	59,096
2015	9,200	7,910	72,770	²	²	²	²	122.0	89,000
2016	9,500	8,370	79,500	²	²	²	²	85.0	67,577
2017	9,600	8,070	77,500	²	²	²	²	73.7	57,120
2018 ⁴	9,500	7,980	75,040	²	²	²	²	47.9	35,913
California ³									
2014	12,100	20,400	246,500	192,300	54,200	326.0	256.0	311.0	765,650
2015	11,000	19,900	218,400	²	²	²	²	278.0	606,248
2016	8,100	20,500	165,800	141,600	24,200	185.0	118.0	175.0	290,516
2017	8,200	17,100	140,600	²	²	²	²	299.0	420,688
2018 ⁴	7,400	19,300	142,280	²	²	²	²	233.0	331,088

¹ Discontinued beginning in 2018. ² Estimates withheld to avoid disclosing data for individual operations.

³ Data first reported for the 2014 crop year. ⁴ Beginning in 2018, includes all raspberries (red and black).

Sources: USDA, National Agricultural Statistics Service, Oregon field office, *Oregon Berry Production*, various issues.

Berries historic data through 1988 from USDA, National Agricultural Statistics Service, Washington field office.

USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table D-6 --Raspberries: Acreage harvested, yield per acre, utilized production, grower price, and value, California, 1992 to date

Year	Acres harvested	Yield per acre	Utilized production	Grower price	Value of production
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars/lb</i>	<i>\$1,000</i>
1992	1,600	16,500	26,400	1.83	48,276
1993	1,850	14,200	26,300	1.48	39,000
1994	1,900	11,100	21,000	1.43	30,000
1995	1,900	8,050	15,300	1.52	23,325
1996	1,800	8,280	14,900	1.71	25,520
1997	1,700	8,530	14,500	1.39	20,225
1998	1,700	8,710	14,800	1.92	28,470
1999	1,800	11,600	20,800	1.47	30,604
2000	2,000	11,300	22,600	1.90	42,940
2001	2,300	10,900	25,000	1.66	41,500
2002	2,400	12,200	29,200	1.40	40,851
2003	3,000	20,500	61,500	2.08	127,920
2004	4,100	22,000	90,000	2.09	188,100
2005	4,200	24,000	100,800	1.99	200,592
2006	3,600	27,000	97,200	2.15	208,980
2007	3,500	22,500	78,750	2.88	226,800
2008	5,400	16,000	86,400	3.00	259,200
2009	5,500	22,400	123,200	2.90	357,055
2010	5,400	15,000	81,000	2.47	200,288
2011	5,400	20,000	108,000	2.07	223,200
2012	5,400	18,000	97,200	2.47	239,820
2013	12,800	16,800	215,000	2.54	546,200
2014	12,600	19,900	251,150	3.10	777,833
2015	11,400	19,400	221,480	2.79	617,804
2016	8,450	20,100	169,500	1.79	303,355
2017	8,550	16,700	142,830	3.01	429,811
2018	7,400	19,300	142,280	2.33	331,088

Source: USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table D-7--Cranberries: Acreage harvested, yield per acre, production, utilization, season-average grower price, and value, United States, 1980 to date

Year	Acreage harvested	Yield per acre	Production		Utilization			Grower price ²			Value
			Total	Utilized	Fresh	Processed	Shrinkage ¹	Fresh	Processed	All	
	<i>Acres</i>		<i>-----1,000 barrels ³-----</i>					<i>----- \$/barrel -----</i>			<i>\$1,000</i>
1980	23,190	116.3	2,697.5	2,697.5	326.1	2,259.6	111.8	na	na	33.20	89,462
1981	23,150	112.0	2,593.0	2,593.0	479.6	1,977.1	136.3	na	na	41.50	107,494
1982	23,350	130.1	3,039.0	3,039.0	494.1	2,380.8	164.1	na	na	40.20	122,297
1983	24,050	124.2	2,986.0	2,986.0	321.3	2,588.3	76.4	na	na	44.80	133,830
1984	24,620	134.9	3,322.0	3,322.0	297.8	2,940.5	83.7	na	na	46.70	155,081
1985	25,700	135.6	3,485.0	3,485.0	313.8	3,093.2	78.0	na	na	46.30	161,439
1986	26,300	140.3	3,690.0	3,690.0	342.2	3,201.4	146.4	na	na	44.70	165,086
1987	26,700	127.0	3,391.0	3,391.0	304.3	3,030.0	56.7	na	na	44.50	150,906
1988	27,300	149.5	4,080.0	4,080.0	274.2	3,738.8	67.0	na	na	45.70	186,340
1989	27,600	135.8	3,747.0	3,747.0	254.5	3,407.5	85.0	na	na	44.00	164,720
1990	27,800	122.1	3,393.0	3,393.0	215.7	3,154.3	23.0	na	na	46.10	156,455
1991	28,400	148.6	4,219.0	4,219.0	236.5	3,912.0	70.5	na	na	49.00	206,616
1992	29,200	142.5	4,160.0	4,160.0	223.5	3,881.0	55.5	na	na	51.60	214,767
1993	29,400	133.3	3,919.0	3,919.0	199.0	3,619.0	101.0	na	na	50.20	196,820
1994	31,100	150.5	4,682.0	4,682.0	216.0	4,415.0	51.0	na	na	49.30	230,795
1995	32,800	127.8	4,193.0	4,193.0	242.0	3,858.0	93.0	na	na	53.40	223,938
1996	34,000	137.4	4,671.0	4,671.0	236.0	4,330.0	105.0	na	na	65.90	307,827
1997	35,700	154.0	5,497.0	5,497.0	225.0	5,072.0	200.0	na	na	63.70	350,147
1998	36,600	148.7	5,444.0	5,444.0	244.0	5,200.0	43.0	na	na	36.60	199,114
1999	38,200	166.4	6,357.0	6,357.0	357.0	6,000.0	8.0	na	na	17.20	109,072
2000	37,200	153.5	5,712.0	5,579.0	442.0	5,137.0	na	37.3	16.4	18.10	100,851
2001	35,600	149.7	5,329.0	4,783.0	426.0	4,357.0	na	41.0	22.1	23.80	113,646
2002	39,400	144.4	5,689.0	5,682.0	370.0	5,312.0	na	51.2	30.8	32.20	182,783
2003	39,300	157.6	6,193.0	6,193.0	351.0	5,842.0	na	53.1	32.7	33.90	209,834
2004	39,000	158.3	6,175.0	6,167.0	397.0	5,770.0	na	54.6	31.4	32.90	202,670
2005	38,600	161.7	6,243.0	6,243.0	347.0	5,896.0	na	56.0	34.0	35.20	219,985
2006	38,500	179.0	6,890.0	6,785.0	355.5	6,429.5	na	61.9	40.0	41.10	278,888
2007	38,100	172.0	6,554.0	6,554.0	360.0	6,194.0	na	67.6	49.7	50.70	332,092
2008	38,200	205.9	7,865.0	7,865.0	371.0	7,494.0	na	72.6	57.4	58.10	457,192
2009	38,500	179.6	6,913.0	6,913.0	333.0	6,580.0	na	77.5	42.5	44.20	305,669
2010	38,500	176.8	6,808.2	6,808.2	219.2	6,589.0	na	72.5	43.0	43.90	299,123
2011	38,500	200.4	7,713.7	7,713.7	240.5	7,473.2	na	68.5	44.0	44.80	345,561
2012	40,300	199.6	8,045.0	8,045.0	254.0	7,791.0	na	78.3	46.9	47.90	385,506
2013	42,000	211.4	8,957.4	8,880.7	321.4	8,559.3	na	68.9	31.0	32.40	287,322
2014	40,600	202.9	8,400.0	8,236.0	268.0	7,968.0	na	72.0	29.5	30.90	254,412
2015	40,900	206.7	8,563.0	8,455.0	450.2	8,004.8	na	62.5	29.2	31.00	261,853
2016	41,500	230.0	9,627.4	9,544.0	460.1	9,083.9	na	49.8	29.7	30.60	292,292
2017	39,900	209.1	8,394.1	8,343.2	332.9	8,010.3	na	57.6	29.1	30.20	252,088
2018	39,300	227.1	8,926.0	8,846.6	267.7	8,578.9	na	48.1	24.4	25.10	222,440

na = not available. ¹ Cranberries paid for by processors and lost because of dehydration and berry breakdown after delivery. ² 1980-86 prices represent equivalent returns

at first delivery point, screened basis of utilized production. Beginning 1987, prices are a weighted average of co-op and independent sales. Co-op prices represent pool proceeds less returns for processing non-cranberry products, capital stock dividends, capital stock retains, and other retains. ³ 1 barrel = 100 lbs.

Source: USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table D-8--Strawberries: Acreage, production, season-average grower price, and value, United States, 1980 to date

Year	Acres harvested	Production ¹	Grower price	Value
	<i>Acres</i>	<i>1,000 cwt²</i>	<i>Dollars/cwt²</i>	<i>\$1,000</i>
1980	36,050	7,017	41.20	288,776
1981	37,000	7,416	42.00	311,147
1982	40,250	8,830	48.10	424,592
1983	43,400	8,968	45.50	408,310
1984	43,300	9,937	41.70	414,422
1985	44,350	10,218	44.30	452,413
1986	44,750	10,232	49.50	506,089
1987	46,120	11,173	49.40	552,336
1988	47,150	11,791	46.20	544,279
1989	46,100	11,420	47.10	537,756
1990	46,080	12,537	47.00	589,588
1991	46,080	13,656	46.20	631,458
1992	49,530	13,348	52.30	698,004
1993	51,230	14,465	46.30	669,937
1994	48,830	16,486	50.70	836,142
1995	48,080	16,020	50.70	811,634
1996	47,670	16,259	47.30	768,943
1997	44,260	16,278	55.50	903,350
1998	44,930	16,381	61.10	1,000,254
1999	46,460	18,314	62.50	1,144,876
2000	47,350	19,008	55.00	1,044,594
2001	45,700	16,509	64.70	1,068,582
2002	47,600	18,845	61.60	1,161,630
2003	48,400	21,560	63.80	1,375,142
2004	51,500	22,138	58.50	1,295,464
2005	52,460	23,227	60.10	1,396,385
2006	53,460	24,038	63.20	1,519,494
2007	52,180	24,453	71.60	1,751,108
2008	54,470	25,317	75.80	1,918,288
2009	58,080	28,013	76.00	2,129,585
2010	56,890	28,520	79.30	2,260,733
2011	57,250	29,016	82.40	2,391,406
2012	58,310	30,520	80.40	2,453,039
2013	60,410	30,470	85.60	2,609,038
2014	59,895	30,237	93.30	2,821,854
2015	58,010	30,655	73.00	2,239,301
2016	53,760	29,607	110.00	3,243,711
2017	53,200	27,208	107.00	2,895,813
2018	49,220	28,578	93.50	2,670,523

¹ Utilized production. ²cwt (hundredweight) = 100 lbs.Source: USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table D-9--Strawberries, fresh market and processing: Production, season-average grower price, and value, United States, 1980 to date

Year	Fresh market			Processing		
	Production	Price	Value	Production	Price	Value
	<i>1,000 cwt</i> ¹	<i>Dollars/cwt</i>	<i>1,000 dollars</i>	<i>1,000 cwt</i>	<i>Dollars/cwt</i>	<i>\$1,000</i>
1980	4,821	47.90	231,115	2,196	26.30	57,661
1981	5,375	47.10	253,289	2,041	28.30	57,858
1982	5,896	55.20	325,338	2,934	33.80	99,254
1983	5,887	52.90	311,194	3,081	31.50	97,116
1984	7,510	49.00	367,672	2,427	19.30	46,750
1985	7,571	52.60	398,488	2,647	20.40	53,925
1986	7,387	57.60	425,346	2,845	28.40	80,743
1987	7,804	58.50	456,290	3,369	28.50	96,046
1988	8,555	54.10	462,690	3,236	25.20	81,589
1989	8,616	53.90	464,499	2,804	26.10	73,257
1990	8,636	55.30	477,487	3,901	28.70	112,101
1991	9,682	54.00	522,567	3,974	27.40	108,891
1992	9,997	61.50	615,243	3,351	24.70	82,761
1993	10,108	54.00	546,033	4,357	28.40	123,904
1994	11,477	60.20	690,414	5,009	29.10	145,728
1995	11,456	60.40	692,249	4,564	26.20	119,385
1996	12,126	56.50	684,661	4,133	20.40	84,282
1997	12,018	65.60	787,974	4,260	27.10	115,376
1998	11,322	74.10	838,803	5,059	31.90	161,451
1999	13,052	74.40	971,114	5,262	33.00	173,762
2000	14,333	64.90	930,125	4,675	24.50	114,469
2001	12,597	75.80	954,413	3,912	29.20	114,169
2002	14,063	71.30	1,003,145	4,782	33.10	158,485
2003	16,424	74.90	1,230,583	5,136	28.10	144,559
2004	16,944	68.40	1,159,082	5,194	26.30	136,382
2005	18,110	68.90	1,248,407	5,117	28.90	147,978
2006	19,109	72.20	1,379,658	4,929	28.40	139,836
2007	19,733	82.10	1,620,241	4,720	27.70	130,867
2008	20,911	84.10	1,759,564	4,406	36.00	158,724
2009	22,880	86.10	1,970,920	5,133	30.90	158,665
2010	23,196	90.80	2,105,492	5,324	29.20	155,241
2011	23,324	94.00	2,193,379	5,692	34.80	198,027
2012	24,552	91.80	2,253,854	5,968	33.40	199,185
2013	25,085	96.50	2,421,370	5,385	34.90	187,668
2014	24,543	105.00	2,579,425	5,694	42.60	242,429
2015	24,372	79.90	1,946,121	6,283	46.70	293,180
2016	23,024	127.00	2,931,642	6,555	47.60	312,069
2017	21,372	125.00	2,680,189	5,803	37.20	215,624
2018	22,919	106.00	2,425,126	5,632	43.60	245,397

¹ cwt (hundredweight) = 100 lbs.Source: USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table D-10--Strawberries, fresh: Monthly prices received by growers, United States, 1980 to date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
--Dollars/cwt ¹ --												
1980	62.00	68.60	61.00	43.00	45.20	46.30	42.20	46.50	47.90	51.60	61.30	---
1981	82.00	59.20	50.70	42.90	41.90	42.20	53.10	56.80	42.90	70.40	90.50	---
1982	67.50	60.70	56.20	59.20	50.00	48.20	52.40	66.00	50.60	63.30	125.00	---
1983	80.80	76.50	70.10	46.60	47.30	47.10	56.70	68.40	53.70	120.00	---	84.80
1984	140.00	66.50	56.80	39.20	41.20	49.10	51.40	51.50	78.10	110.00	---	---
1985	88.50	82.90	61.30	46.20	39.70	44.90	70.90	57.60	58.30	98.80	139.00	110.00
1986	96.80	85.30	63.40	49.90	43.00	53.40	54.70	83.70	82.50	144.00	122.00	122.00
1987	90.00	118.00	71.70	45.60	50.00	55.00	55.70	54.00	68.10	116.00	146.00	130.00
1988	80.00	76.30	58.80	40.90	49.90	45.40	50.40	55.00	60.00	70.00	160.00	115.00
1989	83.00	93.80	68.20	44.80	35.00	55.90	31.10	35.00	65.00	95.00	165.00	116.00
1990	115.00	83.10	73.90	50.30	35.20	46.90	40.70	50.00	55.00	75.00	96.30	89.80
1991	93.00	91.00	63.00	59.50	50.00	36.50	46.50	35.00	35.00	55.00	110.00	95.00
1992	110.00	79.90	69.60	49.10	41.30	64.30	49.80	89.20	61.10	70.70	117.00	133.00
1993	90.70	88.50	58.40	43.80	38.30	46.10	32.80	46.90	48.90	64.20	95.70	141.00
1994	79.50	71.90	67.90	56.70	56.40	52.30	49.50	49.00	46.60	82.40	89.90	129.00
1995	87.60	80.20	59.20	54.30	66.90	54.00	50.70	63.30	41.50	49.70	115.00	144.00
1996	93.00	79.40	65.90	39.30	45.60	65.40	44.70	54.80	61.50	40.70	---	160.00
1997	102.00	78.40	80.40	42.70	54.30	75.10	56.60	53.10	67.50	69.80	---	184.00
1998	111.00	119.00	78.60	69.90	67.40	55.50	56.50	65.00	59.00	80.20	116.00	108.00
1999	115.00	119.00	86.30	84.90	61.00	63.10	58.10	66.20	58.30	45.60	79.00	128.00
2000	91.30	87.70	63.90	68.90	46.10	58.90	57.00	49.60	62.20	95.40	---	132.00
2001	179.00	102.00	77.90	75.70	51.60	62.40	68.90	87.40	78.10	80.70	96.40	113.00
2002	116.00	97.80	87.70	60.00	63.40	58.30	53.20	82.60	58.40	68.40	108.00	162.00
2003	109.00	87.80	64.30	69.50	64.20	58.20	66.60	68.10	86.80	100.00	165.00	170.00
2004	140.00	119.00	61.70	44.40	54.70	56.20	50.40	65.20	84.00	84.80	164.00	165.00
2005	133.00	108.00	63.90	54.00	59.00	55.00	56.00	66.00	70.00	57.00	77.00	200.00
2006	117.00	99.90	68.80	61.10	61.80	51.40	64.00	63.70	77.60	72.90	96.10	182.00
2007	131.00	147.00	88.90	64.90	68.60	66.10	53.00	79.30	57.40	80.00	116.00	171.00
2008	194.00	131.00	95.30	65.50	83.30	61.90	65.90	91.00	70.10	72.00	87.60	207.00
2009	116.00	128.00	91.10	78.90	76.10	62.80	74.80	73.50	75.00	108.00	87.60	183.00
2010	198.00	171.00	116.00	76.90	78.90	67.70	62.00	81.70	73.30	87.60	139.00	294.00
2011	217.00	126.00	99.20	93.50	80.80	72.70	89.20	78.80	87.60	66.90	84.40	153.00
2012	137.00	113.00	103.00	94.40	82.70	74.40	74.00	85.00	87.60	90.10	139.00	222.00
2013	na	na	na	na	na	na	na	na	na	na	na	na
2014	na	na	na	87.60	96.10	91.80	89.30	92.70	133.00	112.00	152.00	209.00
2015	135.00	101.00	63.60	76.80	72.60	61.50	60.20	86.70	71.30	100.00	190.00	193.00
2016	195.00	167.00	81.00	84.30	68.60	60.50	59.40	69.40	50.90	71.00	167.00	154.00
2017	147.00	128.00	94.90	66.60	53.20	59.20	74.10	84.70	109.00	98.00	164.00	182.00
2018	169.00	125.00	118.00	105.00	55.30	52.70	66.00	50.50	84.00	67.30	99.00	---
2019	222.00	126.00	114.00	79.20	61.80	80.30	79.20	83.30				

--- = Insufficient marketing to establish price. na = not available.

¹ cwt (hundredweight) = 100 lbs.Source: USDA, National Agricultural Statistics Service, *Agricultural Prices*, various issues.

Table E-1--U.S. per capita use of melons, 1970 to date

Crop	Watermelon	Cantaloupe	Honeydew	Others	Total melons
----- Pounds, farm weight -----					
1970	13.50	7.20	0.90	0.00	21.60
1971	13.04	6.64	0.93	0.00	20.61
1972	12.31	6.77	1.04	0.00	20.12
1973	12.74	5.88	1.11	0.00	19.73
1974	11.32	5.14	1.01	0.00	17.47
1975	11.44	5.05	1.06	0.00	17.55
1976	12.63	5.05	1.02	0.07	18.77
1977	12.62	5.52	1.13	0.08	19.35
1978	11.89	6.58	1.60	0.11	20.18
1979	11.40	6.12	1.59	0.13	19.24
1980	10.65	5.85	1.40	0.08	17.98
1981	11.65	6.12	1.50	0.10	19.37
1982	12.48	7.67	1.80	0.30	22.25
1983	11.31	6.54	1.80	0.21	19.86
1984	14.42	7.67	1.80	0.24	24.13
1985	13.50	8.47	2.10	0.22	24.29
1986	12.75	9.43	2.40	0.33	24.91
1987	12.98	9.15	2.20	0.34	24.67
1988	13.55	7.86	2.40	0.29	24.10
1989	13.62	10.36	2.49	0.42	26.89
1990	13.28	9.23	2.06	0.20	24.77
1991	12.73	8.64	1.90	0.34	23.61
1992	14.70	8.47	2.10	0.27	25.54
1993	14.19	8.61	1.74	0.34	24.88
1994	15.00	8.38	2.00	0.26	25.64
1995	15.16	8.97	1.89	0.33	26.35
1996	16.58	10.28	2.04	0.35	29.26
1997	15.49	10.52	2.22	0.55	28.79
1998	14.34	10.64	2.34	0.67	28.00
1999	15.21	11.38	2.45	0.64	29.68
2000	13.82	11.12	2.26	0.60	27.80
2001	15.01	11.16	1.97	0.51	28.66
2002	14.04	11.10	2.19	0.55	27.88
2003	13.54	10.79	2.18	0.56	27.08
2004	12.99	9.81	2.05	0.53	25.38
2005	13.55	9.58	1.87	0.56	25.55
2006	15.12	9.25	1.88	0.60	26.85
2007	14.41	9.58	1.83	0.62	26.44
2008	15.56	8.87	1.68	0.54	26.65
2009	14.92	9.05	1.62	0.55	26.13
2010	15.70	8.54	1.67	0.59	26.49
2011	13.83	8.65	1.60	0.58	24.67
2012	13.89	7.52	1.48	0.57	23.46
2013	14.48	8.28	1.61	0.62	24.98
2014	13.90	6.60	1.65	0.64	22.79
2015	14.86	6.77	1.69	0.68	24.00
2016	16.54	7.54	1.85	0.55	26.49
2017	16.16	7.33	1.65	0.48	25.63
2018	15.69	7.04	1.96	0.50	25.19

Source: USDA, Economic Research Service.

Table E-2--U.S. melons: Harvested area and production, 1980 to date ¹

Year	Harvested area				Production				Value of production			
	Watermelon	Cantaloup	Honeydew	Total	Watermelon	Cantaloup	Honeydew	Total	Watermelon	Cantaloup	Honeydew	Total
	Acres				1,000 cwt				\$ 1,000			
1980	184,500	87,850	17,700	290,050	22,716	12,242	3,180	38,138	149,757	166,800	42,864	359,421
1981	203,600	86,400	19,600	309,600	26,128	13,346	3,419	42,893	159,269	188,070	52,581	399,920
1982	--	--	24,900	24,900	--	--	3,780	3,780	--	--	53,111	53,111
1983	--	--	23,800	23,800	--	--	3,918	3,918	--	--	51,540	51,540
1984	--	--	23,300	23,300	--	--	4,031	4,031	--	--	55,894	55,894
1985	--	--	25,700	25,700	--	--	4,758	4,758	--	--	58,055	58,055
1986	--	--	28,800	28,800	--	--	5,438	5,438	--	--	69,132	69,132
1987	--	--	28,600	28,600	--	--	4,811	4,811	--	--	69,293	69,293
1988	--	--	31,200	31,200	--	--	5,241	5,241	--	--	75,341	75,341
1989	--	--	29,900	29,900	--	--	5,131	5,131	--	--	62,334	62,334
1990	--	--	26,400	26,400	--	--	4,503	4,503	--	--	81,218	81,218
1991	--	--	25,900	25,900	--	--	3,737	3,737	--	--	68,895	68,895
1992	229,540	109,400	26,200	365,140	37,783	18,111	4,740	60,634	223,400	251,059	63,811	538,270
1993	201,730	106,850	23,300	331,880	36,917	18,987	3,792	59,696	255,692	295,626	68,888	620,206
1994	202,890	100,790	27,100	330,780	39,232	17,957	4,724	61,913	267,828	298,067	77,473	643,368
1995	198,480	100,070	26,000	324,550	39,426	18,962	4,332	62,720	350,770	345,608	89,193	785,571
1996	199,260	101,140	27,300	327,700	42,724	21,572	4,737	69,033	270,179	393,333	80,405	743,917
1997	179,300	102,710	26,600	308,610	39,923	20,840	4,828	65,591	305,017	374,110	91,040	770,167
1998	170,390	99,910	25,500	295,800	37,205	21,440	5,013	63,658	292,386	392,211	108,155	792,752
1999	175,870	106,700	27,500	310,070	40,588	22,230	5,160	67,978	265,757	377,360	109,082	752,199
2000	164,360	97,800	26,000	288,160	37,494	21,774	5,116	64,384	239,893	371,984	98,244	710,121
2001	160,720	95,160	24,200	280,080	40,478	22,613	4,720	67,811	273,418	429,281	99,500	802,199
2002	152,500	89,800	24,400	266,700	39,585	22,443	5,065	67,093	328,497	398,302	91,453	818,252
2003	150,300	85,700	22,200	258,200	38,327	22,069	5,075	65,471	343,795	370,953	95,461	810,209
2004	141,900	84,750	19,900	246,550	36,880	21,298	4,781	62,959	313,129	313,981	84,345	711,455
2005	133,800	84,560	19,600	237,960	37,023	20,465	4,243	61,731	429,445	326,201	80,418	836,064
2006	131,000	79,300	18,300	228,600	39,865	19,498	4,221	63,584	414,111	335,526	76,943	826,580
2007	129,000	73,820	17,550	220,370	37,349	20,426	4,144	61,919	422,546	302,485	73,517	798,548
2008	125,300	71,730	17,200	214,230	39,940	19,294	3,690	62,924	498,902	356,781	65,636	921,319
2009	123,850	73,930	15,100	212,880	38,931	19,059	3,657	61,647	450,933	344,122	57,093	852,148
2010	134,090	73,330	16,850	224,270	41,701	18,808	3,704	64,213	499,341	304,896	57,418	861,655
2011	117,570	70,400	15,400	203,370	36,127	18,692	3,628	58,447	502,560	344,832	80,008	927,400
2012	115,800	63,430	13,600	192,830	36,153	16,706	3,286	56,145	476,768	319,348	67,973	864,089
2013	113,630	68,600	14,450	196,680	36,102	18,173	3,605	57,880	513,987	320,029	75,389	909,405
2014	111,350	58,200	14,450	184,000	33,263	13,612	3,739	50,614	450,324	300,634	88,649	839,607
2015	116,450	52,100	14,400	182,950	35,475	13,552	3,769	52,796	488,383	264,131	85,343	837,857
2016	112,000	58,000	12,100	182,100	39,950	15,125	3,933	59,007	546,755	260,565	75,111	882,431
2017	107,800	63,250	11,600	182,650	40,782	15,395	3,364	59,540	594,033	295,975	94,192	984,200
2018	111,400	60,700	14,900	187,000	39,045	14,607	4,619	58,271	656,655	331,542	90,532	1,078,729

-- = not available. Units are hundredweight (cwt). One cwt is equal to 100 lbs.

¹ Data for 1982-91 are from the State Statistical Offices. National Agricultural Statistics Service reinstated national data collection in 1992. Beginning in 2016, estimates were for total harvested acres, production, and value of utilized production in the United States. Prior to 2016, NASS only reported harvested acres, production, and value of production for the fresh market, which represents nearly the entire industry.

Source: USDA, National Agricultural Statistics Service, *Vegetables Annual Summary*.

Table E-3--Melons: U.S. cash receipts, 1980 to date

	Watermelon	Cantaloupe	Honeydew	Other melons ¹	Total
			---- \$1,000 ----		
1980	152,800	166,800	42,864	--	362,464
1981	159,097	188,070	52,581	--	399,748
1982	88,482	36,795	53,111	--	178,388
1983	93,919	163,467	51,540	6,345	315,271
1984	100,034	189,306	55,894	10,182	355,416
1985	89,794	189,745	58,055	7,490	345,084
1986	99,002	232,100	69,132	11,283	411,517
1987	120,653	187,075	69,293	8,338	385,359
1988	73,251	203,391	75,341	11,650	363,633
1989	54,337	209,088	62,334	--	325,759
1990	124,089	194,848	81,218	--	400,155
1991	169,399	99,528	68,895	--	337,822
1992	223,400	251,059	63,811	--	538,270
1993	255,692	295,626	68,888	--	620,206
1994	267,828	299,312	77,473	--	644,613
1995	351,118	346,504	89,193	--	786,815
1996	270,179	393,993	80,405	--	744,577
1997	305,017	374,704	91,040	--	770,761
1998	292,386	392,831	108,155	--	793,372
1999	265,727	377,882	109,082	--	752,691
2000	239,893	371,984	98,244	--	710,121
2001	273,418	429,281	99,500	--	802,199
2002	328,497	398,777	91,453	--	818,727
2003	343,795	371,238	95,461	--	810,494
2004	313,129	314,231	84,345	--	711,705
2005	429,445	326,641	80,418	--	836,504
2006	414,111	335,796	76,943	--	826,850
2007	422,546	303,115	73,517	--	799,178
2008	498,902	356,781	65,636	--	921,319
2009	450,933	344,122	57,093	--	852,148
2010	499,341	304,896	57,418	--	861,655
2011	502,560	344,832	80,008	--	927,400
2012	476,768	319,348	67,973	--	864,089
2013	513,987	320,029	75,389	--	909,405
2014	450,324	300,634	88,649	--	839,607
2015	488,383	264,131	85,343	--	837,857
2016	546,691	260,565	75,111	--	882,367
2017	593,719	295,975	94,192	--	983,886
2018	655,422	331,542	90,532	--	1,077,496

-- = not available.

¹ Includes casaba melons and crenshaw melons.

Source: USDA, Economic Research Service.

Table E-4--Melon production in leading countries and the world, 2000-2017¹

Commodity/country	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
-----Million cwt-----																		
Watermelon:																		
China, mainland	1,134.6	1,260.6	1,358.2	1,278.7	1,268.0	1,320.4	1,380.4	1,367.7	1,385.0	1,428.3	1,503.1	1,518.8	1,558.9	1,608.1	1,650.0	1,700.6	1,743.2	1,743.2
Iran	36.4	40.0	47.8	54.6	55.7	71.9	63.2	73.4	56.6	67.8	70.7	70.4	71.0	81.3	88.4	81.9	90.2	89.5
Turkey	86.9	88.6	100.9	92.9	84.3	87.5	83.9	83.7	88.2	84.0	81.2	85.2	88.7	85.7	85.7	86.4	86.6	88.4
Brazil	15.0	32.0	32.9	42.0	37.9	36.1	42.9	46.1	44.0	45.5	45.3	48.5	45.8	47.7	47.9	46.7	46.1	51.0
Uzbekistan	10.0	10.3	10.6	12.9	12.6	13.6	16.4	18.5	21.6	23.6	26.1	28.5	31.3	34.4	37.4	40.9	42.6	44.8
Algeria	8.8	10.2	10.1	13.9	15.9	18.9	17.3	18.0	18.6	22.8	27.0	28.3	33.0	33.1	35.6	40.0	41.4	41.8
United States	37.2	40.6	39.6	38.2	36.9	38.4	42.1	37.3	40.0	38.9	41.7	36.1	36.2	36.1	33.3	35.5	39.7	40.6
Egypt	39.4	31.9	37.9	37.6	35.0	41.3	44.6	42.2	32.8	36.4	36.1	33.3	41.3	35.2	44.4	33.3	36.3	37.7
Others	322.4	325.7	356.3	381.8	398.4	382.0	390.7	385.5	398.4	426.2	400.0	408.5	414.3	421.2	429.7	444.4	464.3	469.0
World	1,690.6	1,840.0	1,994.2	1,952.7	1,944.8	2,010.1	2,081.5	2,072.4	2,085.2	2,173.5	2,231.2	2,257.7	2,320.5	2,382.7	2,452.3	2,509.7	2,590.5	2,610.6
Cantaloupe/other melon:																		
China, mainland	159.7	257.3	278.2	257.0	263.5	285.6	304.1	311.4	352.5	267.9	378.8	378.8	293.6	316.1	325.2	336.7	357.6	376.6
Turkey	41.1	39.1	40.1	38.3	38.6	40.2	38.9	36.6	38.6	37.0	35.5	36.3	37.2	37.5	37.6	37.9	40.9	40.0
Iran	30.9	31.5	34.5	39.6	36.4	46.3	39.9	44.2	37.4	36.4	41.2	39.3	38.1	43.6	42.9	32.5	32.9	35.1
Egypt	17.6	18.9	10.8	10.4	12.4	12.5	16.4	18.3	20.4	20.2	23.7	22.9	22.2	20.4	23.1	22.6	23.5	24.3
India	14.2	14.5	14.7	14.9	16.7	17.5	18.1	18.7	19.3	19.9	20.5	21.1	22.0	22.0	22.8	22.4	22.6	22.8
Kazakhstan	2.1	2.6	3.2	3.1	3.4	3.9	3.4	4.1	4.8	6.0	7.4	10.2	18.3	17.1	20.2	21.5	19.8	17.9
United States	26.5	27.3	27.5	27.4	27.1	26.0	24.8	24.6	23.0	22.9	22.8	22.4	20.0	21.8	17.4	17.3	18.9	17.2
Others	145.4	145.9	160.4	164.0	168.4	173.6	181.5	188.0	181.6	190.1	181.8	182.1	179.5	176.8	175.2	169.3	174.2	170.5
World	437.5	537.0	569.4	554.6	566.4	605.4	627.2	645.8	677.5	600.4	711.8	713.2	631.0	655.2	664.4	660.2	690.4	704.3

Units are million hundredweight (cwt). One million cwt is equal to 100 million lbs or 50,000 U.S. tons.

¹ Includes fresh and processing production. U.S. data may not match data elsewhere in this report due to reporting delays.

Source: USDA, Economic Research Service based on data from United Nations Food and Agriculture Organization, FAOSTAT (July 2019).

Table E-5--Melon harvested acreage in leading countries and the world, 2000-2017

Commodity/country	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
----- 1,000 acres -----																		
Cantaloupe/other melon:																		
China, mainland	764.4	1,100.9	1,163.8	1,279.3	1,203.6	1,236.3	1,260.2	1,277.0	1,293.1	963.5	1,425.8	1,448.3	1,014.0	1,045.5	1,084.5	1,138.9	1,193.0	1,199.6
Turkey	265.9	247.6	252.6	237.2	228.9	228.7	219.2	209.8	211.2	204.2	196.6	197.9	196.8	194.6	195.6	195.5	208.4	201.9
Iran	219.2	228.5	236.7	267.2	246.9	293.1	247.5	261.7	238.2	226.0	236.2	236.2	230.6	256.4	246.1	185.8	183.0	195.1
Afghanistan	5.4	6.7	12.4	22.1	12.5	24.4	61.8	61.8	61.8	87.5	87.6	61.1	57.0	40.5	56.1	84.7	197.6	134.4
India	77.8	77.2	78.0	78.5	87.8	91.2	94.0	96.8	99.5	102.3	104.9	107.5	110.0	110.0	114.1	112.4	113.5	114.1
Egypt	87.7	91.4	54.7	58.6	59.0	59.3	97.5	80.0	95.5	95.1	102.5	104.6	99.4	87.5	92.7	90.6	100.8	101.9
United States ²	128.5	120.3	114.2	109.2	108.8	112.3	112.5	91.4	88.9	89.6	91.3	86.2	79.4	83.1	72.6	66.5	70.1	68.7
Others	959.6	965.8	1,005.1	1,029.0	1,040.9	1,103.7	1,085.9	1,107.0	1,096.7	1,078.5	1,071.7	1,079.2	1,079.7	1,070.6	1,053.2	1,018.1	1,001.8	1,001.4
World	2,508.6	2,838.4	2,917.5	3,081.1	2,988.5	3,148.9	3,178.6	3,185.5	3,185.0	2,846.7	3,316.7	3,320.8	2,866.9	2,888.1	2,915.1	2,892.6	3,068.0	3,017.1
Watermelon:																		
China, mainland	3,996.1	4,503.0	4,655.2	4,537.6	4,101.9	4,219.3	4,411.1	4,286.5	4,283.1	4,360.8	4,478.8	4,455.8	4,451.7	4,517.6	4,577.1	4,598	4,662	4,568.1
Iran	205.3	223.5	239.8	278.7	267.6	324.8	294.3	362.5	271.9	323.0	321.3	304.5	320.6	343.7	377.9	310	341	336.5
Russian Federation	311.4	279.2	263.8	301.5	280.2	253.7	290.1	265.3	330.5	302.0	291.1	395.6	309.1	333.4	339.6	378	366	330.2
Brazil	198.9	191.3	186.3	203.3	199.9	211.2	229.8	238.6	217.9	231.6	234.6	241.5	233.8	227.4	233.2	237	223	259.6
Turkey	308.2	308.9	331.2	314.9	289.3	288.0	269.4	267.4	270.9	246.4	236.4	242.1	241.5	242.0	235.9	236	233	236.0
United States ²	164.3	160.8	152.5	149.5	141.7	138.1	143.1	129.0	125.6	123.9	134.3	117.6	115.8	113.6	111.3	116	112	107.9
Others	2,583.5	2,390.9	2,441.4	2,727.1	2,724.6	2,600.1	2,692.2	2,703.5	2,609.9	2,703.1	2,651.5	2,553.0	2,551.8	2,526.9	2,577.6	2,625	2,771	2,754.1
World	7,767.7	8,057.6	8,270.3	8,512.6	8,005.2	8,035.2	8,330.0	8,252.7	8,109.7	8,290.8	8,347.9	8,310.0	8,224.2	8,304.7	8,452.7	8,500	8,708	8,592.5

¹ Includes fresh and processing acreage. U.S. data may not match data elsewhere in this report due to reporting delays.

² The United States is 8th in cantaloupe/other melon area, and 13th in watermelon area.

Source: USDA, Economic Research Service calculations based on data from United Nations Food and Agriculture Organization, FAOSTAT (July 2019).

Table E-6--Production of selected melons for selected States, 1990 to date ¹

	Arizona	California	Florida	Georgia	Indiana	South Carolina	Texas
	----- 1,000 cwt -----						
Cantaloupe:							
1990	--	12,910	--	--	--	--	1,560
1991	--	11,024	--	--	--	--	1,965
1992	2,376	11,520	--	828	360	--	2,550
1993	2,856	12,350	--	480	480	--	2,144
1994	2,465	11,267	--	575	495	--	2,358
1995	3,040	11,860	--	390	544	--	2,356
1996	4,071	12,980	--	630	595	--	2,520
1997	4,514	13,083	--	574	455	--	1,358
1998	4,625	12,760	--	600	624	--	2,100
1999	5,024	12,810	--	1,105	576	--	1,998
2000	4,247	13,225	--	908	645	100	1,836
2001	3,942	13,353	--	848	725	150	2,800
2002	4,440	13,000	--	1,210	540	90	2,565
2003	5,624	12,005	--	1,290	540	144	2,040
2004	5,400	12,650	--	990	481	154	1,200
2005	5,852	11,730	--	770	388	88	1,144
2006	5,940	11,180	--	870	385	110	559
2007	5,856	11,700	--	1,392	414	96	432
2008	4,850	11,700	--	1,238	460	237	198
2009	5,010	11,100	--	1,155	462	300	240
2010	4,888	11,310	--	1,080	391	234	297
2011	4,800	11,100	--	832	572	455	275
2012	3,555	10,800	--	728	462	476	351
2013	3,634	12,750	--	390	460	364	228
2014	3,840	8,060	--	396	396	352	265
2015	3,553	8,400	--	504	272	270	216
2016	3,737	8,850	621	680	315	344	238
2017	3,533	9,433	572	630	345	279	220
2018	3,749	8,348	(D)	(D)	383	(D)	220
Watermelon:							
1990	--	3,879	9,000	--	--	--	6,750
1991	--	4,276	7,011	--	--	--	6,375
1992	1,782	6,000	9,000	5,270	1,550	1,128	6,480
1993	2,048	6,720	8,325	3,920	1,736	840	6,000
1994	2,108	7,181	8,510	4,420	1,728	1,000	7,800
1995	1,800	6,384	8,250	7,050	1,749	1,047	6,650
1996	2,154	7,524	7,140	6,750	2,088	1,045	8,800
1997	2,232	7,820	7,500	5,250	1,914	1,380	7,378
1998	2,280	6,750	8,640	5,060	1,829	1,320	6,528
1999	2,376	6,321	10,500	4,875	1,690	1,235	7,440
2000	2,734	6,581	8,640	4,680	1,586	1,500	5,600
2001	2,323	6,254	7,440	5,830	2,560	1,386	7,200
2002	2,640	5,865	7,590	5,865	2,412	1,313	6,660
2003	2,655	5,616	7,200	5,375	2,590	1,190	7,700
2004	3,280	6,615	8,000	3,795	2,448	1,470	6,050
2005	2,814	6,563	8,190	4,830	2,774	770	5,798
2006	3,317	5,723	8,349	5,640	2,738	1,575	7,232
2007	3,348	6,498	7,456	6,440	2,664	943	4,370
2008	2,880	6,554	8,613	5,880	2,736	1,398	6,045
2009	2,695	5,400	8,179	6,900	2,627	1,495	5,852
2010	2,279	6,858	7,503	6,720	2,840	2,640	6,225
2011	2,350	6,000	6,820	4,290	2,856	2,660	5,250
2012	1,202	6,771	6,195	4,940	2,340	2,850	5,405
2013	1,800	5,800	6,262	5,580	2,414	2,734	5,520
2014	1,334	6,384	4,827	5,130	2,964	1,862	5,200
2015	1,584	5,512	5,880	5,510	2,415	2,736	5,520
2016	2,448	5,616	7,770	7,106	2,838	1,584	7,250
2017	1,803	6,201	8,690	7,942	2,573	2,156	6,380
2018	(D)	6,426	8,100	5,356	3,055	989	7,820

-- = not available. (D) = Withheld to avoid disclosing data for individual operations.

Units are hundredweight (cwt). One cwt is equal to 100 lbs.

¹ Data for 1982-91 are from the State Statistical Offices. National Agricultural Statistics Service reinstated national data collection in 1992. Beginning in 2016, estimates were for total production for each State. Prior to 2016, NASS did not report State- and National-level total production; estimates reflected only fresh-market output, which accounts for the bulk of total production.

Source: USDA, National Agricultural Statistics Service, *Vegetables Annual Summary*.

Table E-7--Annual melon shipments, 1993 to date ¹

Item	Cantaloupe	Honeydew ²	Watermelon, all	Misc. melons ²	Total
			----- 1,000 cwt -----		
1993	11,940	2,659	22,457	1,813	38,869
1994	12,292	2,940	23,287	1,833	40,352
1995	13,548	2,777	21,430	1,961	39,716
1996	15,671	3,210	25,953	2,100	46,934
1997	16,487	3,250	26,573	2,660	48,970
1998	16,644	3,319	30,919	2,847	53,729
1999	18,355	4,300	34,906	2,694	60,255
2000	19,998	3,620	34,952	2,789	61,359
2001	20,884	3,359	33,354	2,595	60,192
2002	21,588	3,571	36,269	3,133	64,561
2003	29,211	5,153	35,290	3,529	73,183
2004	26,113	4,944	33,703	3,509	68,269
2005	28,587	6,135	35,110	2,950	72,782
2006	27,378	5,804	40,443	3,416	77,041
2007	26,489	5,714	39,910	3,031	75,144
2008	27,831	6,092	43,397	2,721	80,041
2009	27,251	5,137	43,741	2,668	78,797
2010	26,651	5,664	45,472	2,766	80,553
2011	27,816	5,386	46,459	2,870	82,531
2012	24,165	7,739	44,754	598	77,256
2013	23,166	7,727	46,891	559	78,343
2014	23,027	7,729	51,868	425	83,049
2015	33,927	8,366	54,477	1,357	98,127
2016	34,896	8,191	53,732	4,796	101,615
2017	31,669	6,627	58,478	840	97,614
2018	31,148	6,897	58,642	3,743	100,430

¹ Includes domestic and import shipments. Table units are hundredweight (cwt); with 1 cwt equal to 100 lbs.

² In 2012 through 2014, honeydew shipments included miscellaneous melons.

Source: USDA, Agricultural Marketing Service, *Fresh Fruit and Vegetable Shipments*.

Table E-8--Cantaloupe, fresh market: U.S. monthly and season-average f.o.b. shipping-point price, 1995 to date¹

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Season average
----- Dollars per cwt -----													
1995	--	--	--	--	19.50	20.00	15.90	--	--	--	22.40	--	18.20
1996	--	--	--	--	17.50	23.40	12.00	11.30	21.70	24.00	23.10	--	18.20
1997	--	--	--	--	20.40	17.60	14.40	15.00	22.00	25.30	22.10	15.00	18.00
1998	--	--	--	--	30.70	15.80	16.20	11.80	15.50	19.70	13.50	18.90	18.30
1999	--	--	--	--	25.70	15.10	13.10	13.50	15.90	17.20	19.60	28.70	17.00
2000	--	--	--	--	16.60	17.90	15.90	12.30	19.00	26.10	25.00	35.10	17.10
2001	--	--	--	--	27.10	14.60	18.80	22.00	13.50	15.60	19.40	23.70	19.00
2002	--	--	--	--	25.00	12.90	17.00	16.10	14.80	19.40	14.60	20.00	17.70
2003	--	--	--	--	24.30	14.40	16.40	15.70	14.20	17.10	26.70	19.80	16.80
2004	--	--	--	--	15.30	12.10	11.00	14.30	15.50	14.80	18.30	33.80	14.70
2005	--	--	--	--	22.60	18.10	13.80	10.70	14.90	14.40	15.60	11.00	15.90
2006	--	--	--	--	29.20	18.40	16.00	20.70	10.40	16.10	28.20	--	17.20
2007	--	--	--	--	28.20	12.60	12.00	13.30	13.10	30.50	38.50	--	14.80
2008	--	--	--	--	26.50	16.40	16.00	8.30	17.90	22.70	32.20	23.60	18.50
2009	--	--	--	--	24.30	19.20	11.40	12.60	14.00	23.00	15.40	15.10	18.10
2010	--	--	--	--	19.50	17.50	15.70	9.70	11.50	14.30	37.10	--	16.20
2011	--	--	--	--	18.00	16.30	25.00	11.90	15.50	13.10	--	11.90	18.40
2012	--	--	--	--	25.20	20.80	13.80	17.00	20.20	25.20	--	--	19.10
2013	--	--	--	--	--	--	--	--	--	--	--	--	17.60
2014	--	--	--	--	20.50	24.70	19.20	21.70	21.40	36.10	31.90	21.30	22.10
2015	--	--	--	--	17.30	17.70	26.20	25.70	27.70	22.30	--	--	19.50
2016	--	--	--	--	23.80	17.50	20.60	16.30	18.50	22.70	21.50	--	17.20
2017	--	--	--	--	22.80	26.80	34.90	23.30	24.10	29.50	29.60	--	19.20
2018 P	--	--	--	--	23.20	20.40	16.60	16.90	20.00	27.60	35.00	39.00	22.70

-- = not available. P= Preliminary ¹ Monthly prices are averages received at the free-on-board (f.o.b.) shipping point through 2005.

Thereafter, prices are measured at the point of first sale. The season average is the weighted average price received by producers at the point of first sale. Data collection resumed in 1995 after estimates had been eliminated in 1981.

Units are hundredweight (cwt). One cwt is equal to 100 lbs.

Source: USDA, National Agricultural Statistics Service, *Agricultural Prices*.

Table E-9--Melons: U.S. quarterly average advertised retail prices, 2007 to date ¹

Year & quarter	Cantaloupe	Honeydew	Watermelon ²
	<i>\$/each</i>	<i>\$/each</i>	<i>\$/each</i>
2007:			
IV	2.36	2.89	3.74
2008:			
I	2.37	3.25	4.08
II	2.27	3.11	4.89
III	2.17	2.98	3.96
IV	2.43	3.18	1.75
2009:			
I	2.15	3.46	3.42
II	2.04	2.94	4.95
III	1.96	2.80	4.12
IV	2.20	2.84	3.16
2010:			
I	2.12	3.21	4.49
II	2.19	3.24	4.57
III	1.89	2.71	3.98
IV	2.16	2.84	3.37
2011:			
I	2.24	3.40	3.81
II	2.21	3.20	4.72
III	2.19	3.14	4.30
IV	2.53	3.14	3.34
2012:			
I	2.38	3.60	4.05
II	2.45	3.22	5.18
III	2.30	3.19	4.58
IV	2.65	3.40	5.08
2013:			
I	2.21	3.23	4.24
II	2.33	3.13	4.77
III	2.15	3.03	4.34
IV	2.61	3.30	3.94
2014:			
I	2.43	3.31	3.49
II	2.35	3.02	4.22
III	2.27	3.25	3.76
IV	2.60	3.37	3.19
2015:			
I	2.39	3.16	3.62
II	2.28	2.96	3.72
III	2.22	3.16	3.44
IV	2.47	3.12	2.87
2016:			
I	2.42	3.23	3.88
II	2.25	2.88	4.04
III	2.04	3.04	3.96
IV	2.55	2.82	2.98
2017:			
I	2.18	3.00	3.67
II	2.19	2.90	3.66
III	2.74	3.12	3.43
IV	2.45	2.96	3.54
2018:			
I	2.25	3.00	3.46
II	2.16	3.07	3.59
III	2.72	3.15	3.15
IV	2.38	3.32	3.27

¹ Dataset began in October 2007.² Seedless watermelon.Source: USDA, Economic Research Service, using data from USDA, Agricultural Marketing Service, *Fruit and Vegetable Market News*.

Table E-10--U.S. melons: Supply, disappearance, and price, farm weight, 1970 to date

Year	Supply			Disappearance			Trade shares of:	
	Production ¹	Imports ²	Total	Exports ²	Domestic ³	Per capita use ⁴	Use imported ⁵	Supply exported ⁶
	----- Million pounds -----			Pounds			----- Percent -----	
1970	4,259	306	4,564	157	4,408	21.5	6.9	3.4
1971	4,152	324	4,475	181	4,295	20.7	7.5	4.0
1972	4,063	340	4,404	167	4,237	20.2	8.0	3.8
1973	3,993	361	4,354	156	4,198	19.8	8.6	3.6
1974	3,537	383	3,920	161	3,759	17.6	10.2	4.1
1975	3,665	308	3,973	171	3,803	17.6	8.1	4.3
1976	3,895	362	4,257	112	4,145	19.0	8.7	2.6
1977	4,038	394	4,432	114	4,318	19.6	9.1	2.6
1978	4,200	444	4,644	162	4,483	20.1	9.9	3.5
1979	3,997	471	4,469	141	4,328	19.2	10.9	3.2
1980	3,814	421	4,235	137	4,098	18.0	10.3	3.2
1981	4,289	316	4,605	142	4,464	19.4	7.1	3.1
1982	4,794	569	5,363	189	5,174	22.3	11.0	3.5
1983	4,380	442	4,822	175	4,646	19.8	9.5	3.6
1984	5,245	628	5,873	167	5,706	24.1	11.0	2.8
1985	5,394	560	5,954	165	5,789	24.3	9.7	2.8
1986	5,530	659	6,189	185	6,004	25.0	11.0	3.0
1987	5,402	769	6,171	183	5,988	24.7	12.8	3.0
1988	5,331	744	6,075	184	5,891	24.0	12.6	3.0
1989	5,779	1,078	6,857	204	6,653	26.9	16.2	3.0
1990	5,494	960	6,454	260	6,194	24.8	15.5	4.0
1991	5,135	1,123	6,258	273	5,985	23.6	18.8	4.4
1992	6,063	922	6,986	422	6,564	25.6	14.1	6.0
1993	5,970	935	6,905	432	6,473	24.9	14.4	6.3
1994	6,191	1,051	7,242	488	6,754	25.6	15.6	6.7
1995	6,272	1,224	7,496	472	7,024	26.4	17.4	6.3
1996	6,903	1,478	8,382	492	7,890	29.3	18.7	5.9
1997	6,559	1,789	8,348	492	7,856	28.8	22.8	5.9
1998	6,366	1,841	8,207	476	7,730	28.0	23.8	5.8
1999	6,798	2,031	8,829	540	8,289	29.7	24.5	6.1
2000	6,438	1,969	8,407	557	7,850	27.8	25.1	6.6
2001	6,781	1,916	8,697	521	8,176	28.7	23.4	6.0
2002	6,709	1,951	8,660	628	8,032	27.9	24.3	7.3
2003	6,547	1,947	8,495	621	7,874	27.1	24.7	7.3
2004	6,296	1,834	8,130	682	7,448	25.4	24.6	8.4
2005	6,173	2,011	8,184	616	7,568	25.6	26.6	7.5
2006	6,358	2,219	8,577	549	8,029	26.9	27.6	6.4
2007	6,192	2,335	8,527	543	7,984	26.4	29.2	6.4
2008	6,292	2,395	8,687	563	8,124	26.7	29.5	6.5
2009	6,165	2,438	8,603	569	8,034	26.1	30.3	6.6
2010	6,421	2,363	8,784	579	8,206	26.5	28.8	6.6
2011	5,845	2,495	8,340	644	7,696	24.7	32.4	7.7
2012	5,615	2,348	7,963	593	7,370	23.5	31.9	7.4
2013	5,788	2,703	8,491	588	7,903	25.0	34.2	6.9
2014	5,061	2,793	7,855	592	7,263	22.8	38.5	7.5
2015	5,280	2,967	8,247	542	7,704	24.0	38.5	6.6
2016	5,894	3,240	9,133	571	8,563	26.5	37.8	6.2
2017	5,879	3,077	8,956	616	8,340	25.6	36.9	6.9
2018	5,790	3,038	8,828	580	8,249	25.2	36.8	6.6

¹ Data prior to 1982 and after 1991 are from USDA, National Agricultural Statistics Service. Data for 1982-91 estimated by ERS based on available State data adjusted to the national level. Excludes miscellaneous melons. ² Derived by ERS from data of U.S. Dept. of Commerce, U.S. Census Bureau. Includes miscellaneous melons. ³ Shipments to U.S. territories were subtracted from total disappearance from 1978-88 but are not shown separately. ⁴ Computed as domestic disappearance divided by total U.S. population (including military) on July 1. ⁵ Share of domestic disappearance accounted for by imports. ⁶ Share of total supply that is exported.

Source: USDA, Economic Research Service.

Table E-11--U.S. cantaloupe: Supply, utilization, and price, farm weight, 1970 to date

Year	Supply			Utilization		Per capita use	Season-average price		Trade shares of:	
	Production ¹	Imports ²	Total	Exports ²	Domestic		Current dollars ³	Constant 2009 dollars ⁴	Use imported	Supply exported
	----- Million pounds -----					Pounds	----- \$/cwt -----		----- Percent -----	
1970	1,328.2	148.8	1,477.0	39.3	1,437.7	7.0	6.16	27.01	10.3	2.7
1971	1,238.2	180.8	1,419.0	39.5	1,379.5	6.6	6.56	27.37	13.1	2.8
1972	1,304.5	155.2	1,459.7	38.3	1,421.4	6.8	7.28	29.11	10.9	2.6
1973	1,130.2	157.5	1,287.7	41.8	1,245.9	5.9	8.08	30.65	12.6	3.2
1974	972.0	168.2	1,140.2	41.1	1,099.1	5.1	9.99	34.77	15.3	3.6
1975	985.8	138.9	1,124.7	33.5	1,091.2	5.1	10.40	33.13	12.7	3.0
1976	1,014.0	141.0	1,155.0	54.5	1,100.5	5.1	11.00	33.21	12.8	4.7
1976	1,089.9	182.8	1,272.7	57.6	1,215.1	5.5	10.60	30.14	15.0	4.5
1977	1,331.8	195.5	1,527.3	62.0	1,465.3	6.6	9.64	25.61	13.3	4.1
1979	1,242.1	194.6	1,436.7	59.6	1,377.1	6.1	11.30	27.73	14.1	4.1
1980	1,224.2	169.9	1,394.1	62.7	1,331.4	5.9	13.60	30.61	12.8	4.5
1981	1,334.6	138.0	1,472.6	65.5	1,407.2	6.1	14.10	29.03	9.8	4.4
1982	1,682.4	182.5	1,864.9	83.7	1,781.2	7.7	10.15	19.68	10.2	4.5
1983	1,453.7	166.1	1,619.8	87.8	1,532.0	6.5	11.70	21.82	10.8	5.4
1984	1,651.6	246.7	1,898.3	86.5	1,811.8	7.7	12.25	22.06	13.6	4.6
1985	1,874.3	246.0	2,120.3	100.4	2,020.0	8.5	9.45	16.49	12.2	4.7
1986	2,056.2	319.9	2,376.1	105.8	2,270.3	9.4	10.50	17.96	14.1	4.5
1987	2,027.3	300.8	2,328.1	107.1	2,221.0	9.2	9.80	16.35	13.5	4.6
1988	1,691.6	327.0	2,018.6	93.2	1,925.4	7.9	15.45	24.90	17.0	4.6
1989	2,171.4	476.2	2,647.6	84.1	2,563.5	10.4	12.55	19.47	18.6	3.2
1990	1,856.7	530.3	2,387.0	78.8	2,308.1	9.2	14.65	21.92	23.0	3.3
1991	1,664.0	602.5	2,266.5	75.7	2,190.8	8.6	12.25	17.74	27.5	3.3
1992	1,811.1	481.9	2,293.0	115.9	2,177.1	8.5	11.59	19.68	22.1	5.1
1993	1,898.7	458.1	2,356.8	116.2	2,240.7	8.6	15.60	21.57	20.4	4.9
1994	1,795.7	523.9	2,319.6	112.7	2,206.9	8.4	16.60	22.47	23.7	4.9
1995	1,896.2	613.1	2,509.3	118.1	2,391.2	9.0	18.20	24.14	25.6	4.7
1996	2,157.2	740.8	2,898.0	126.8	2,771.2	10.3	18.20	23.70	26.7	4.4
1997	2,084.0	921.6	3,005.6	134.4	2,871.2	10.5	18.00	23.05	32.1	4.5
1998	2,144.0	938.6	3,082.6	144.0	2,938.6	10.6	18.30	23.18	31.9	4.7
1999	2,223.0	1,108.1	3,331.1	153.9	3,177.2	11.4	17.00	21.23	34.9	4.6
2000	2,177.4	1,119.2	3,296.6	155.5	3,141.0	11.1	17.10	20.88	35.6	4.7
2001	2,261.3	1,070.1	3,331.4	146.0	3,185.4	11.2	19.00	22.68	33.6	4.4
2002	2,244.3	1,108.6	3,352.9	156.1	3,196.8	11.1	17.70	20.81	34.7	4.7
2003	2,206.9	1,079.2	3,286.1	147.3	3,138.8	10.8	16.80	19.37	34.4	4.5
2004	2,129.8	910.8	3,040.6	160.7	2,879.9	9.8	14.70	16.49	31.6	5.3
2005	2,046.5	952.0	2,998.5	162.2	2,836.3	9.6	15.90	17.28	33.6	5.4
2006	1,949.8	962.8	2,912.6	146.4	2,766.1	9.3	17.20	18.14	34.8	5.0
2007	2,042.6	1,008.2	3,050.8	157.9	2,893.0	9.6	14.80	15.21	34.9	5.2
2008	1,929.4	931.0	2,860.4	157.7	2,702.7	8.9	18.50	18.64	34.4	5.5
2009	1,905.9	1,045.0	2,950.9	169.9	2,781.0	9.0	18.10	18.10	37.6	5.8
2010	1,880.8	949.2	2,830.0	186.1	2,643.9	8.5	16.20	16.01	35.9	6.6
2011	1,869.2	1,033.1	2,902.3	202.4	2,699.9	8.7	18.40	17.83	38.3	7.0
2012	1,670.6	841.7	2,512.3	150.1	2,362.1	7.5	19.10	18.16	35.6	6.0
2013	1,817.3	948.9	2,766.2	146.6	2,619.6	8.3	17.60	16.46	36.2	5.3
2014	1,361.2	902.2	2,263.4	161.5	2,101.9	6.6	22.10	20.33	42.9	7.1
2015	1,355.2	939.8	2,295.0	122.8	2,172.2	6.8	19.50	17.76	43.3	5.4
2016	1,512.5	1,041.4	2,554.0	115.3	2,438.6	7.5	17.20	15.43	42.7	4.5
2017	1,539.2	1,026.3	2,565.5	179.1	2,386.3	7.3	19.20	16.97	43.0	7.0
2018	1,460.3	992.5	2,452.8	147.2	2,305.6	7.0	22.70	19.76	43.0	6.0

Cwt=hundredweight, or 100 lbs.

¹ USDA National Agricultural Statistics Service (NASS). Production data were estimated by ERS for 1982-91 based on available State data adjusted to the national level.Includes all uses. ² U.S. Department of Commerce, U.S. Census Bureau. Exports for 1978-89 adjusted using Canadian import data. ³ Source of season-averageprice data is USDA, NASS except 1982-91, which was estimated by ERS using State data. ⁴ Constant-dollar prices were

calculated using the GDP implicit price deflator, 2009=100.

Source: USDA, Economic Research Service.

Table E-12--U.S. honeydew melons: Supply, utilization, and price, farm weight, 1970 to date

Year	Supply			Utilization			Season-average price		Trade shares of:	
	Production ¹	Imports ²	Total	Exports ²	Domestic	Per capita use	Current dollars ³	Constant 2009 dollars ³	Use imported	Supply exported
	----- Million pounds -----			Pounds			----- \$/cwt -----		----- Percent -----	
1970	193.1	18.9	212.0	26.2	185.8	0.9	5.66	24.82	10.2	12.4
1971	203.9	14.9	218.8	26.3	192.5	0.9	6.23	26.00	7.7	12.0
1972	230.7	13.0	243.7	25.5	218.2	1.0	6.24	24.96	6.0	10.5
1973	245.3	17.6	262.9	27.9	235.0	1.1	7.47	28.33	7.5	10.6
1974	218.5	24.1	242.6	27.4	215.2	1.0	8.23	28.64	11.2	11.3
1975	239.5	12.0	251.5	22.3	229.2	1.1	9.31	29.65	5.2	8.9
1976	234.6	15.0	249.6	27.2	222.4	1.0	10.60	32.01	6.7	10.9
1977	259.1	18.1	277.2	28.8	248.4	1.1	9.87	28.06	7.3	10.4
1978	341.3	24.4	365.7	19.6	346.1	1.6	9.62	25.56	7.0	5.4
1979	347.7	28.7	376.4	19.3	357.1	1.6	10.90	26.75	8.0	5.1
1980	318.0	26.5	344.5	22.1	322.4	1.4	13.50	30.39	8.2	6.4
1981	341.9	29.0	370.9	17.2	353.7	1.5	15.40	31.71	8.2	4.6
1982	378.0	78.6	456.6	31.7	424.9	1.8	14.10	27.33	18.5	6.9
1983	391.8	39.9	431.7	17.8	413.9	1.8	13.20	24.62	9.6	4.1
1984	403.1	41.3	444.4	15.2	429.3	1.8	13.90	25.03	9.6	3.4
1985	475.8	42.7	518.5	20.0	498.5	2.1	12.20	21.29	8.6	3.9
1986	543.8	62.7	606.5	20.6	585.9	2.4	12.70	21.72	10.7	3.4
1987	481.1	77.8	558.9	27.6	531.3	2.2	14.40	24.02	14.6	4.9
1988	524.1	83.8	607.9	32.0	576.0	2.4	14.40	23.21	14.5	5.3
1989	513.1	134.3	647.4	30.6	616.8	2.5	12.10	18.77	21.8	4.7
1990	450.3	115.0	565.3	49.6	515.7	2.1	18.00	26.93	22.3	8.8
1991	373.7	160.2	533.9	53.3	480.5	1.9	18.40	26.64	33.3	10.0
1992	474.0	111.2	585.2	45.5	539.7	2.1	13.50	19.11	20.6	7.8
1993	379.2	118.4	497.6	46.0	451.6	1.7	18.20	25.16	26.2	9.2
1994	472.4	114.5	586.9	59.7	527.2	2.0	16.40	22.20	21.7	10.2
1995	433.2	123.2	556.4	51.4	505.0	1.9	20.60	27.32	24.4	9.2
1996	473.7	126.7	600.4	49.5	550.9	2.0	17.00	22.14	23.0	8.2
1997	482.8	162.8	645.6	39.8	605.8	2.2	18.90	24.20	26.9	6.2
1998	501.3	184.6	685.9	39.4	646.5	2.3	21.60	27.36	28.6	5.7
1999	516.0	214.3	730.3	46.0	684.3	2.4	21.10	26.35	31.3	6.3
2000	511.6	174.1	685.7	46.8	638.9	2.3	19.20	23.45	27.3	6.8
2001	472.0	139.9	611.9	48.6	563.3	2.0	21.10	25.19	24.8	7.9
2002	506.5	171.5	678.0	47.4	630.6	2.2	18.10	21.28	27.2	7.0
2003	507.5	166.4	673.9	39.5	634.5	2.2	18.80	21.67	26.2	5.9
2004	478.1	165.3	643.4	42.6	600.8	2.0	17.60	19.75	27.5	6.6
2005	424.3	174.7	599.0	45.6	553.4	1.9	19.00	20.65	31.6	7.6
2006	422.1	186.1	608.2	46.2	562.1	1.9	18.20	19.19	33.1	7.6
2007	414.4	180.0	594.4	42.3	552.1	1.8	17.70	18.18	32.6	7.1
2008	369.0	190.8	559.8	46.3	513.4	1.7	17.80	17.94	37.2	8.3
2009	365.7	171.3	537.0	40.2	496.8	1.6	15.60	15.60	34.5	7.5
2010	370.4	188.8	559.2	43.1	516.1	1.7	15.50	15.31	36.6	7.7
2011	362.8	180.0	542.8	42.6	500.1	1.6	22.10	21.41	36.0	7.9
2012	328.6	180.1	508.7	43.3	465.4	1.5	20.70	19.68	38.7	8.5
2013	360.5	195.4	555.9	47.6	508.3	1.6	20.90	19.55	38.4	8.6
2014	373.9	193.6	567.5	40.6	526.9	1.7	23.70	21.81	36.7	7.2
2015	376.9	204.6	581.5	38.6	542.9	1.7	22.60	20.59	37.7	6.6
2016	393.3	262.5	655.8	56.9	598.9	1.9	19.10	17.14	43.8	8.7
2017	336.4	256.9	593.3	54.8	538.4	1.7	28.00	24.75	47.7	9.2
2018	461.9	235.9	697.8	56.3	641.5	2.0	19.60	17.06	36.8	8.1

¹ USDA, National Agricultural Statistics Service.² U.S. Department of Commerce, U.S. Census Bureau. Honeydews do not have a separate Harmonized System (HS) code. From 1970-79, trade was estimated as 50 percent of the category called "other melons." From 1980-91, shipment data were used to estimate the distribution of the "other melon" category (ranged from 42 to 59 percent).

Exports were not adjusted due to data limitations.

³ Constant-dollar prices were calculated using the gross domestic product implicit price deflator, 2009=100.

Source: USDA, Economic Research Service.

Table E-13--U.S. watermelon: Supply, utilization, and price, farm weight, 1970 to date

Year	Supply			Utilization			Season-average price		Trade shares of:	
	Production ¹	Imports ²	Total	Exports ²	Domestic	Per capita use	Current dollars ³	Constant 2009 dollars ⁴	Use imported	Supply exported
	----- Million pounds -----			----- Pounds -----			----- \$/cwt -----		----- Percent -----	
1970	2,737.3	119.1	2,856.4	91.2	2,765.2	13.5	2.21	9.69	4.3	3.2
1971	2,709.4	113.2	2,822.6	114.7	2,707.9	13.0	2.51	10.47	4.2	4.1
1972	2,528.0	159.1	2,687.1	103.0	2,584.1	12.3	2.50	10.00	6.2	3.8
1973	2,617.0	168.5	2,785.5	86.3	2,699.2	12.7	2.95	11.19	6.2	3.1
1974	2,346.6	166.5	2,513.1	92.9	2,420.2	11.3	3.83	13.33	6.9	3.7
1975	2,439.5	145.6	2,585.1	114.7	2,470.4	11.4	4.00	12.74	5.9	4.4
1976	2,645.9	191.5	2,837.4	84.3	2,753.1	12.6	3.27	9.87	7.0	3.0
1977	2,688.5	175.3	2,863.8	84.7	2,779.1	12.6	3.44	9.78	6.3	3.0
1978	2,527.0	199.6	2,726.6	79.9	2,646.7	11.9	3.99	10.60	7.5	2.9
1979	2,407.6	219.1	2,626.7	61.9	2,564.8	11.4	4.55	11.17	8.5	2.4
1980	2,271.6	205.7	2,477.3	51.9	2,425.4	10.7	6.59	14.83	8.5	2.1
1981	2,612.8	125.7	2,738.5	58.8	2,679.7	11.7	6.09	12.54	4.7	2.1
1982	2,733.9	237.4	2,971.3	73.9	2,897.4	12.5	5.63	10.91	8.2	2.5
1983	2,534.0	186.2	2,720.2	69.5	2,650.7	11.3	6.47	12.07	7.0	2.6
1984	3,190.5	283.4	3,473.9	65.3	3,408.6	14.4	5.34	9.62	8.3	1.9
1985	3,043.8	220.0	3,263.8	44.5	3,219.3	13.5	4.94	8.62	6.8	1.4
1986	2,929.6	197.4	3,127.0	58.2	3,068.8	12.8	6.24	10.67	6.4	1.9
1987	2,893.1	307.6	3,200.7	48.1	3,152.6	13.0	7.13	11.89	9.8	1.5
1988	3,115.5	262.4	3,377.9	59.0	3,318.9	13.6	6.50	10.48	7.9	1.7
1989	3,094.9	359.9	3,454.8	85.2	3,369.6	13.6	5.23	8.11	10.7	2.5
1990	3,187.1	228.6	3,415.7	94.4	3,321.3	13.3	6.66	9.96	6.9	2.8
1991	3,097.4	230.9	3,328.3	101.8	3,226.5	12.7	8.87	12.84	7.2	3.1
1992	3,778.3	211.4	3,989.7	212.1	3,777.6	14.7	5.91	8.37	5.6	5.3
1993	3,691.7	216.2	3,907.9	215.4	3,692.5	14.2	6.90	9.54	5.9	5.5
1994	3,923.2	271.2	4,194.4	242.4	3,952.0	15.0	6.80	9.21	6.9	5.8
1995	3,942.6	336.4	4,279.0	239.2	4,039.8	15.2	8.90	11.80	8.3	5.6
1996	4,272.4	455.3	4,727.7	255.3	4,472.4	16.6	6.30	8.20	10.2	5.4
1997	3,992.3	504.2	4,496.5	268.9	4,227.6	15.5	7.64	9.78	11.9	6.0
1998	3,720.5	484.2	4,204.7	244.8	3,959.9	14.3	7.86	9.96	12.2	5.8
1999	4,058.8	481.6	4,540.4	292.2	4,248.2	15.2	6.55	8.18	11.3	6.4
2000	3,749.4	446.0	4,195.4	293.3	3,902.1	13.8	6.40	7.82	11.4	7.0
2001	4,047.8	483.5	4,531.3	249.4	4,281.9	15.0	6.75	8.06	11.3	5.5
2002	3,958.5	451.3	4,409.8	364.5	4,045.4	14.0	8.30	9.76	11.2	8.3
2003	3,832.7	489.2	4,321.9	383.7	3,938.3	13.5	8.97	10.34	12.4	8.9
2004	3,688.0	546.9	4,234.9	424.0	3,810.9	13.0	8.49	9.53	14.4	10.0
2005	3,702.3	659.8	4,362.1	349.9	4,012.2	13.5	11.60	12.61	16.4	8.0
2006	3,986.5	830.5	4,817.0	297.4	4,519.6	15.1	10.40	10.97	18.4	6.2
2007	3,734.9	902.7	4,637.6	286.0	4,351.6	14.4	11.30	11.61	20.7	6.2
2008	3,994.0	1,057.1	5,051.1	307.1	4,744.0	15.6	12.50	12.60	22.3	6.1
2009	3,893.1	1,002.6	4,895.7	307.9	4,587.8	14.9	11.60	11.60	21.9	6.3
2010	4,170.1	989.9	5,160.0	296.1	4,863.9	15.7	12.00	11.86	20.4	5.7
2011	3,612.7	1,044.3	4,657.0	343.2	4,313.8	13.8	13.90	13.47	24.2	7.4
2012	3,615.3	1,092.6	4,707.9	344.1	4,363.7	13.9	13.20	12.55	25.0	7.3
2013	3,610.2	1,302.9	4,913.1	332.9	4,580.2	14.5	14.20	13.28	28.4	6.8
2014	3,326.3	1,442.6	4,768.9	338.0	4,430.9	13.9	13.50	12.42	32.6	7.1
2015	3,547.5	1,555.3	5,102.8	332.2	4,770.7	14.9	13.80	12.57	32.6	6.5
2016	3,987.8	1,709.6	5,697.4	350.0	5,347.4	16.5	13.70	12.29	32.0	6.1
2017	4,003.3	1,595.3	5,598.7	340.1	5,258.5	16.2	14.70	12.99	30.3	6.1
2018	3,868.0	1,594.7	5,462.7	326.1	5,136.7	15.7	16.90	14.71	31.0	6.0

¹ USDA, National Agricultural Statistics Service (NASS). Production data were estimated by ERS for 1982-91 based on available State data

adjusted to the national level. Includes all uses. ² U.S. Department of Commerce, U.S. Census Bureau. ³ Source of season-average price data is USDA, NASS,

except for 1982-91, which was estimated by ERS using State data. ⁴ Constant-dollar prices were calculated using the gross domestic product implicit price deflator, 2009=100.

Source: USDA, Economic Research Service.

Table E-14--U.S. imports of melons, 1980 to date ¹

	Cantaloupe	Watermelon	Other melons
	-- 1,000 pounds --		
1980	169,917	205,725	45,027
1981	138,044	125,660	52,007
1982	182,483	237,436	148,923
1983	166,089	186,234	95,114
1984	246,671	283,445	98,434
1985	246,042	220,021	94,062
1986	319,851	197,416	145,194
1987	300,756	307,605	163,146
1988	327,038	262,423	154,412
1989	476,155	359,918	241,523
1990	530,255	228,611	201,256
1991	602,482	230,933	289,379
1992	481,867	211,421	229,085
1993	458,140	216,229	260,889
1994	523,899	271,179	255,841
1995	613,124	336,367	274,049
1996	740,784	455,272	282,336
1997	921,631	504,211	362,842
1998	938,571	484,203	418,100
1999	1,108,065	481,659	441,094
2000	1,119,157	445,957	403,715
2001	1,070,135	483,544	362,111
2002	1,108,585	451,343	391,162
2003	1,079,234	489,245	378,985
2004	910,795	546,872	376,308
2005	951,976	659,773	399,269
2006	962,759	830,523	425,676
2007	1,008,249	902,713	424,385
2008	930,961	1,057,128	406,565
2009	1,045,027	1,002,566	390,535
2010	949,157	989,870	423,965
2011	1,033,108	1,044,271	418,022
2012	841,665	1,092,585	413,840
2013	948,877	1,302,895	451,107
2014	902,170	1,442,614	448,561
2015	939,812	1,555,347	472,027
2016	1,041,424	1,709,617	488,828
2017	1,026,271	1,595,315	455,047
2018	992,549	1,594,706	450,741

¹ Except for 1989 to the present, data in this table are taken from the USDA Foreign Agricultural

Trade of the United States (FATUS) report. Data after 1988 come directly from the U.S. Census Bureau.

Source: USDA Economic Research Service calculations based on data of the U.S. Department of Commerce, U.S. Census Bureau.

Table E-15--Selected fresh melons: U.S. import value from selected countries and the world, 2005 to date

Item	Guatemala	Costa Rica	Honduras	Mexico	Nicaragua	Other	World
	----- \$ 1,000 -----						
2005:							
Cantaloupe	53,308	41,403	24,225	8,364	572	1,335	129,208
Watermelon	4,016	3,338	1,728	98,450	1,260	813	109,605
Selected total	57,324	44,741	25,953	106,814	1,833	2,148	238,813
2006:							
Cantaloupe	66,158	39,897	21,292	8,666	150	1,208	137,370
Watermelon	5,511	3,460	2,708	121,617	4,330	1,619	139,245
Selected total	71,669	43,357	24,000	130,283	4,480	2,827	276,615
2007:							
Cantaloupe	84,923	39,119	21,588	8,761	861	839	156,091
Watermelon	6,603	643	1,870	140,407	6,500	1,661	157,684
Selected total	91,526	39,762	23,458	149,169	7,360	2,500	313,775
2008:							
Cantaloupe	70,078	27,835	21,904	12,479	2,450	269	135,015
Watermelon	7,944	784	2,240	176,350	6	789	188,111
Selected total	78,021	28,619	24,144	188,828	2,456	1,058	323,126
2009:							
Cantaloupe	87,382	30,261	23,127	7,035	4	173	147,981
Watermelon	8,761	1,085	4,180	203,761	720	1,216	219,722
Selected total	96,144	31,345	27,307	210,795	724	1,389	367,703
2010:							
Cantaloupe	70,050	29,766	23,950	11,886	7	155	135,814
Watermelon	10,991	1,260	1,186	234,084	1,067	621	249,209
Selected total	81,040	31,026	25,136	245,970	1,075	776	385,023
2011:							
Cantaloupe	95,153	20,540	31,570	15,722	0	384	163,368
Watermelon	15,412	1,645	1,120	191,438	1,285	639	211,541
Selected total	110,565	22,185	32,691	207,160	1,285	1,023	374,909
2012:							
Cantaloupe	84,591	14,211	26,635	12,992	0	323	138,752
Watermelon	16,444	1,248	1,585	216,910	593	340	237,119
Selected total	101,034	15,459	28,220	229,902	593	664	375,871
2013:							
Cantaloupe	90,762	21,460	28,782	16,000	0	285	157,289
Watermelon	20,233	1,655	1,173	270,465	443	399	294,368
Selected total	110,995	23,115	26,431	286,465	443	684	451,657
2014:							
Cantaloupe	91,114	28,137	27,387	14,623	0	180	161,442
Watermelon	33,034	118	604	262,887	391	286	297,319
Selected total	124,148	28,255	27,991	277,511	391	466	458,762
2015:							
Cantaloupe	112,798	23,822	26,431	13,429	0	113	176,593
Watermelon	33,400	134	696	287,215	675	556	322,676
Selected total	146,198	23,955	27,127	300,644	675	669	499,269
2016:							
Cantaloupe	148,645	24,484	59,507	17,146	0	142	249,925
Watermelon	38,191	2,305	13,773	273,319	0	1,313	328,902
Selected total	186,836	26,790	73,280	290,465	0	1,455	578,826
2017:							
Cantaloupe	134,737	20,797	63,781	21,311	0	206	240,832
Watermelon	35,056	3,369	17,559	248,337	293	949	305,563
Selected total	169,793	24,166	81,340	269,648	293	1,155	546,395
2018:							
Cantaloupe	125,209	20,999	64,959	15,472	0	112	226,751
Watermelon	37,165	3,026	18,013	259,750	7	717	318,678
Selected total	162,374	24,025	82,972	275,223	7	829	545,430

Source: USDA, Economic Research Service based on data from U.S. Department of Commerce, U.S. Census Bureau.

Table E-16--U.S. exports of melons, 1980 to date

	Cantaloupe ¹	Watermelon ²	Other melons ²
	----- 1,000 pounds -----		
1980	62,725	51,924	37,588
1981	65,465	58,825	30,884
1982	83,679	73,924	53,837
1983	87,758	69,488	42,421
1984	86,520	65,263	36,151
1985	100,350	44,508	43,989
1986	105,793	58,227	47,772
1987	107,061	48,051	57,898
1988	93,224	58,972	58,905
1989	84,089	85,209	54,800
1990	78,831	94,360	86,630
1991	75,698	101,785	95,936
1992	115,899	212,132	93,481
1993	116,157	215,385	100,033
1994	112,727	242,401	132,713
1995	118,070	239,243	114,331
1996	126,834	255,260	109,914
1997	134,445	268,889	88,343
1998	143,959	244,789	87,631
1999	153,869	292,218	93,887
2000	155,517	293,271	108,266
2001	146,027	249,438	125,452
2002	156,105	364,487	107,625
2003	147,284	383,655	89,676
2004	160,700	423,994	96,816
2005	162,215	349,861	103,694
2006	146,419	297,390	104,962
2007	157,893	286,023	99,216
2008	157,656	307,104	98,376
2009	169,943	307,886	91,283
2010	186,081	296,053	96,514
2011	202,444	343,219	98,218
2012	150,123	344,141	98,403
2013	146,565	332,941	108,167
2014	161,503	338,022	92,322
2015	122,842	332,168	87,310
2016	115,343	350,019	105,437
2017	179,141	340,137	96,226
2018	147,207	326,080	106,229

¹ Includes melons other than watermelons prior to 1978.

² Data for 1980-89 were not adjusted due to a lack of consistent Canadian data.

Source: USDA Economic Research Service calculations based on data from U.S. Department of Commerce, U.S. Census Bureau.

Table E-17--U.S. melon (all) export value to selected countries and the world, 2003 to date

Item	Canada	Mexico	South Korea	Hong Kong	Taiwan	Japan	Other	World
----- \$1,000 -----								
2003	90,555	2,998	0	742	0	8,397	360	103,052
2004	87,428	4,588	0	764	90	6,983	457	100,310
2005	105,320	5,043	43	684	991	6,852	1,426	120,360
2006	105,918	4,895	168	751	331	5,266	1,906	119,236
2007	114,676	4,758	163	885	251	5,366	1,369	127,467
2008	115,386	8,197	171	1,150	556	6,720	2,002	134,182
2009	115,355	7,652	600	793	374	7,616	2,214	134,605
2010	117,553	9,755	959	1,232	258	8,087	1,991	139,835
2011	133,332	12,526	1,668	1,276	277	10,769	1,957	161,805
2012	139,395	6,736	1,544	1,470	578	10,422	1,266	161,411
2013	137,534	6,504	1,258	2,347	1,095	9,669	1,789	160,197
2014	133,173	11,977	1,578	2,321	735	8,197	2,339	160,321
2015	131,607	7,189	1,561	1,576	1,570	6,419	1,574	151,497
2016	125,801	9,192	2,863	1,503	2,321	7,615	2,551	151,846
2017	131,802	11,736	3,002	1,372	2,593	5,828	2,938	159,272
2018	122,706	21,236	1,601	1,039	2,170	5,943	2,965	157,660

Source: U.S. Department of Commerce, U.S. Census Bureau.

Table E-18--Melons: U.S. monthly and annual imports, 1980 to date ¹

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
----- 1,000 pounds -----													
Cantaloupe:													
1990	81,610	64,977	75,525	131,854	80,376	24,034	5,486	1,061	54	2,323	24,283	38,672	530,255
1991	44,280	86,380	101,553	154,824	76,159	37,436	9,854	119	0	4,244	41,476	46,158	602,482
1992	59,206	45,284	55,482	104,369	110,371	17,329	307	51	17	8,122	42,862	38,467	481,867
1993	59,823	58,663	74,099	120,862	59,115	7,123	427	36	0	2,405	26,448	49,139	458,140
1994	64,405	59,985	93,802	138,053	51,917	9,526	0	0	0	5,116	50,932	50,162	523,899
1995	51,583	80,891	117,148	160,896	65,880	21,684	1,457	293	140	5,235	40,273	67,643	613,124
1996	93,523	70,578	114,719	231,911	89,265	19,480	2,520	103	878	12,451	34,288	71,069	740,784
1997	101,099	103,413	188,393	226,064	111,669	16,486	4,283	1,704	2,337	17,716	46,822	101,646	921,631
1998	106,839	96,304	180,168	238,282	163,256	23,748	2,758	0	29	9,090	55,072	63,027	938,571
1999	90,086	169,940	210,198	240,102	172,098	37,430	0	406	568	7,347	64,749	115,142	1,108,065
2000	162,327	156,839	239,511	273,024	103,445	1,771	139	350	175	7,680	56,823	117,075	1,119,157
2001	211,422	141,465	161,200	256,666	101,686	250	74	3,793	196	352	69,203	123,828	1,070,135
2002	169,771	151,518	227,472	323,333	81,453	572	62	280	235	563	43,195	110,130	1,108,585
2003	195,024	148,485	224,006	279,269	53,564	0	51	1,064	384	757	44,340	132,289	1,079,234
2004	147,747	115,232	224,063	225,560	69,886	2	0	283	504	401	28,954	98,162	910,795
2005	150,682	140,400	211,918	220,417	87,271	34	0	2,490	179	1,260	29,354	107,971	951,977
2006	145,650	119,615	189,146	240,684	104,881	399	116	2,290	241	6,140	35,901	117,697	962,760
2007	145,965	140,535	221,310	236,802	80,979	0	1	1,093	251	1,919	44,704	134,689	1,008,249
2008	122,121	159,414	216,570	171,298	82,764	770	0	106	131	4,059	25,933	147,796	930,961
2009	104,417	179,161	230,022	232,018	80,351	132	46	567	174	1,783	70,456	145,901	1,045,027
2010	156,942	141,917	210,142	214,631	74,215	101	157	415	108	683	46,727	103,119	949,157
2011	173,935	159,741	213,519	223,893	108,250	118	133	2,649	375	4,659	40,344	105,492	1,033,108
2012	112,783	114,806	164,052	164,622	67,889	1,320	809	839	69	3,224	62,963	148,288	841,665
2013	160,660	123,223	183,136	178,743	99,133	268	0	871	629	8,263	77,327	116,623	948,877
2014	110,864	116,956	191,349	201,530	100,778	488	0	483	430	12,924	49,788	116,582	902,170
2015	144,265	122,652	190,950	193,132	80,557	1,599	336	302	117	4,896	62,951	138,056	939,812
2016	127,237	142,293	228,185	225,833	74,091	229	0	86	549	5,884	95,509	141,527	1,041,424
2017	155,006	145,804	206,678	221,015	91,888	459	2	314	312	9,447	89,886	105,459	1,026,271
2018	164,553	160,302	176,400	217,221	86,046	184	67	353	189	8,093	67,374	111,766	992,549
Watermelon:													
1990	18,803	17,863	50,982	51,530	74,262	8,274	1,435	1,025	320	430	500	3,186	228,611
1991	18,425	24,637	42,446	48,088	53,590	25,025	2,206	0	2	5,339	2,171	9,005	230,933
1992	21,694	13,281	41,105	62,216	50,321	7,357	191	0	174	686	2,054	12,342	211,421
1993	16,763	31,892	42,917	68,857	30,463	3,061	342	0	0	653	3,206	18,076	216,229
1994	19,759	22,205	44,383	118,557	20,016	9,785	460	0	0	1,448	8,298	26,267	271,179
1995	23,602	32,120	70,426	115,348	20,777	9,491	1,175	495	400	7,154	21,030	34,348	336,367
1996	31,225	42,941	91,601	170,239	39,330	7,514	147	5	49	17,946	24,075	30,198	455,271
1997	34,136	38,141	77,582	179,439	84,595	8,150	223	0	1,004	11,848	30,740	38,352	504,210
1998	29,611	41,323	77,674	140,691	98,353	22,825	453	0	0	16,906	26,730	29,638	484,203
1999	26,879	46,423	69,831	133,644	99,424	13,848	22	42	40	25,091	36,235	30,179	481,659
2000	37,569	50,606	89,457	141,342	53,170	1,756	0	0	56	10,975	30,363	30,664	445,957
2001	28,534	40,051	69,721	122,539	144,438	3,879	48	5	110	11,605	30,114	32,500	483,544
2002	32,117	44,654	70,360	139,640	87,160	8,413	41	169	0	10,104	32,850	25,836	451,343
2003	39,867	36,728	68,085	132,145	95,206	22,394	1,080	308	71	17,028	49,993	26,340	489,245
2004	38,633	24,149	57,670	133,795	165,053	14,373	575	854	2,474	23,974	49,501	35,821	546,872
2005	44,376	51,942	82,172	171,790	156,670	45,203	904	1,399	605	18,955	47,160	38,597	659,773
2006	54,600	55,917	98,359	193,608	200,983	61,158	3,873	5,441	1,738	42,618	60,078	52,152	830,524
2007	59,142	54,145	91,477	178,884	300,006	49,344	986	2,828	2,352	40,443	65,752	57,354	902,714
2008	56,975	80,740	135,801	220,305	310,751	69,774	13,603	3,030	2,126	73,924	54,711	35,389	1,057,128
2009	40,079	67,407	95,065	270,140	220,649	90,056	11,320	1,268	6,016	75,741	66,746	58,080	1,002,566
2010	57,270	38,687	76,075	252,149	309,549	85,670	6,466	2,659	3,531	46,200	70,334	41,280	989,870
2011	63,635	66,201	105,124	296,942	258,214	67,878	5,739	2,150	2,680	57,823	67,254	50,631	1,044,271
2012	63,313	52,649	109,603	227,210	302,170	108,207	19,478	5,449	4,245	51,000	87,901	61,360	1,092,585
2013	63,438	59,436	121,913	274,592	390,147	121,079	24,669	6,656	5,641	84,766	81,710	68,848	1,302,895
2014	63,559	69,007	190,328	420,719	322,883	110,994	21,820	3,014	12,885	73,957	81,204	72,244	1,442,614
2015	81,457	69,514	150,976	372,669	416,620	164,246	23,612	7,399	26,179	65,808	106,244	70,623	1,555,347
2016	79,149	95,444	189,842	410,419	426,649	109,646	21,878	12,017	18,471	141,037	111,501	93,565	1,709,617
2017	105,318	129,696	220,324	389,530	303,747	63,435	12,598	3,727	31,622	164,098	89,635	81,585	1,595,315
2018	119,557	129,819	200,935	329,327	357,257	132,344	14,489	15,874	19,731	126,853	86,114	62,404	1,594,706
All melons:¹													
1980	17,155	37,011	58,887	102,032	177,658	23,013	2,674	511	194	100	243	1,191	420,669
1981	13,050	17,412	56,835	90,539	107,228	23,261	4,209	445	0	0	79	2,654	315,712
1982	21,939	40,197	105,464	150,536	159,816	74,560	2,417	551	1,547	78	1,913	9,822	568,842
1983	16,822	32,080	67,414	59,719	175,613	66,977	19,312	2,615	44	2	287	1,161	442,044
1984	20,204	38,621	109,040	172,338	203,003	57,358	9,994	1,708	638	13	1,570	13,192	627,679
1985	35,825	76,248	95,485	139,817	123,556	51,018	11,3						

Table E-19--Melons: U.S. monthly and annual exports, 1990 to date ¹

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
----- 1,000 pounds -----													
Cantaloupe:													
1990	2,693	2,718	2,255	3,234	7,899	13,554	14,249	10,266	7,698	8,038	4,365	1,862	78,831
1991	1,385	2,996	2,509	3,678	7,059	14,639	11,174	7,560	11,182	8,119	2,545	2,852	75,698
1992	2,033	2,486	1,926	3,155	14,647	24,034	23,330	16,448	11,920	9,853	3,895	2,170	115,899
1993	3,030	2,242	3,805	4,303	10,541	21,984	18,732	18,519	16,875	10,177	4,491	1,458	116,157
1994	3,045	2,602	2,867	3,868	8,011	20,372	21,155	17,238	15,835	11,188	4,111	2,435	112,727
1995	1,824	3,633	3,191	5,047	11,206	18,596	22,298	18,304	13,689	9,041	8,191	3,049	118,070
1996	3,755	3,346	4,061	4,787	14,404	19,733	27,449	15,931	13,323	10,099	6,241	3,705	126,834
1997	4,333	3,839	5,087	4,076	13,873	22,611	27,696	16,082	10,741	10,396	8,843	6,868	134,445
1998	3,236	3,045	5,561	5,323	11,845	24,298	21,980	19,189	18,112	13,945	12,498	4,926	143,959
1999	3,203	5,588	7,040	5,803	13,056	24,517	23,093	20,500	19,978	15,445	10,151	5,497	153,869
2000	6,431	5,893	8,087	8,093	17,084	21,129	26,836	21,000	15,874	11,903	7,856	5,329	155,517
2001	6,913	4,257	4,380	5,133	13,568	22,592	29,012	17,090	16,265	14,744	8,901	3,172	146,027
2002	2,623	1,300	1,712	2,368	10,267	30,614	30,485	20,838	24,014	16,704	11,747	3,431	156,105
2003	1,911	2,076	2,097	1,957	13,399	26,978	29,039	17,942	21,132	17,336	10,757	2,660	147,284
2004	2,355	1,194	1,644	1,789	16,129	27,870	31,465	18,964	21,473	22,987	12,700	2,129	160,700
2005	1,797	1,971	1,415	1,365	10,900	30,590	31,786	22,609	24,147	21,620	12,063	1,954	162,215
2006	1,567	885	1,106	1,171	6,911	30,302	30,503	14,943	24,789	21,497	11,195	1,549	146,419
2007	1,034	1,005	1,843	1,868	9,560	32,877	26,775	21,718	23,887	20,534	13,188	3,604	157,893
2008	2,020	1,295	1,818	1,574	8,866	29,797	26,911	26,863	24,987	20,749	10,209	2,567	157,656
2009	1,192	1,538	2,048	1,539	8,688	26,477	35,597	24,082	29,464	19,929	15,883	3,508	169,943
2010	1,603	1,279	2,196	2,340	8,969	28,406	25,984	28,414	34,472	36,156	12,417	3,845	186,081
2011	2,465	2,265	3,114	3,123	9,647	37,579	22,985	33,581	42,077	27,652	13,847	4,108	202,444
2012	2,775	2,953	3,294	3,404	8,318	23,797	22,135	26,289	21,362	20,225	11,396	4,176	150,123
2013	3,623	2,890	3,693	3,728	11,166	20,827	25,403	19,847	20,365	19,564	12,629	2,830	146,565
2014	2,405	2,113	1,923	2,045	10,364	22,766	29,243	30,317	31,531	17,578	9,096	2,124	161,503
2015	1,627	1,949	2,077	2,242	11,664	17,001	17,547	16,951	22,073	18,970	8,390	2,351	122,842
2016	1,799	1,922	2,149	2,358	8,364	15,512	17,356	13,838	21,380	20,501	7,762	2,402	115,343
2017	2,166	1,455	1,837	2,721	12,004	26,074	27,804	30,230	35,377	23,996	12,315	3,162	179,141
2018	1,993	1,389	1,672	2,041	8,652	23,789	21,388	23,818	36,974	18,928	5,295	1,266	147,207
Watermelon:													
1990	1,032	1,436	2,319	5,414	17,316	24,039	21,800	11,948	4,376	1,571	1,467	1,644	94,360
1991	1,144	1,907	2,302	2,896	20,966	28,494	23,529	12,064	3,635	1,961	1,220	1,667	101,785
1992	1,698	938	2,372	3,409	33,285	63,609	58,950	32,951	7,437	3,026	2,331	2,126	212,132
1993	1,719	1,732	3,223	3,595	31,860	59,939	63,940	34,858	7,863	3,488	1,775	1,392	215,385
1994	1,564	1,693	2,122	8,287	42,213	66,592	66,686	35,941	7,578	4,739	2,431	2,556	242,401
1995	2,107	1,905	2,961	5,340	40,883	82,328	58,013	32,382	6,305	3,533	825	2,663	239,243
1996	1,959	1,723	3,417	7,904	30,789	75,311	73,102	41,917	10,456	3,534	2,604	2,544	255,260
1997	1,964	1,701	2,745	8,946	46,347	73,641	69,583	43,966	7,349	3,828	3,023	5,797	268,889
1998	2,109	2,878	2,760	4,557	34,733	64,167	70,564	37,916	13,189	4,959	3,692	3,266	244,789
1999	2,449	2,778	3,559	12,757	49,603	74,359	84,835	40,815	12,297	3,884	2,164	2,719	292,218
2000	2,933	4,039	5,884	12,052	54,282	73,352	74,474	42,369	10,401	5,366	4,492	3,627	293,271
2001	3,020	2,323	2,988	6,257	35,873	68,843	67,419	38,542	9,452	5,676	4,261	4,785	249,438
2002	2,750	2,218	3,181	9,244	54,773	95,234	102,437	52,661	18,427	11,749	5,605	6,209	364,487
2003	2,737	2,955	3,901	6,198	55,927	99,568	110,469	70,146	14,853	8,631	5,056	3,213	383,655
2004	2,353	2,154	1,794	11,863	78,322	112,366	128,935	57,480	11,631	5,995	5,516	5,587	423,994
2005	3,704	3,031	2,575	5,482	45,402	73,859	110,570	58,497	23,678	14,030	6,187	2,846	349,862
2006	3,170	2,260	3,587	11,646	43,971	71,718	81,311	46,329	13,567	8,629	6,769	4,433	297,390
2007	2,841	1,876	2,379	7,422	41,994	78,033	71,912	42,262	14,348	9,719	7,557	5,680	286,023
2008	5,103	3,633	4,929	11,054	39,695	74,551	88,696	47,383	12,013	10,453	5,494	4,100	307,104
2009	2,336	2,231	3,512	6,089	45,344	64,283	83,978	63,523	17,662	8,289	7,172	3,467	307,886
2010	2,132	1,590	2,579	3,193	25,348	78,049	96,605	46,373	15,931	11,548	8,340	4,366	296,053
2011	1,719	1,689	2,083	9,732	52,845	87,340	93,051	54,147	20,127	10,817	5,496	4,172	343,219
2012	2,433	2,014	2,687	14,492	52,583	80,210	92,586	56,646	20,622	8,948	6,699	4,221	344,141
2013	2,536	1,785	2,979	6,852	33,394	73,089	115,964	55,977	17,650	9,107	7,669	5,938	332,941
2014	3,011	1,737	2,517	10,245	43,520	82,819	103,734	52,718	20,042	9,371	4,465	3,844	338,022
2015	1,839	1,535	2,139	8,158	43,236	75,268	92,527	66,994	20,887	10,440	6,018	3,126	332,168
2016	913	1,438	1,825	8,434	49,453	88,357	93,292	58,329	25,589	10,528	6,095	5,765	350,019
2017	1,884	1,296	2,672	11,936	33,385	86,418	100,427	61,102	27,017	7,468	3,749	2,784	340,137
2018	2,654	1,527	1,833	5,539	36,648	84,899	103,438	49,469	25,459	5,522	5,307	3,786	326,080
All melons: ¹													
1989 ²	4,662	4,960	7,642	9,671	27,559	39,604	44,870	38,895	21,125	13,992	10,780	3,979	227,739
1990	5,875	5,269	6,525	11,180	28,847	44,014	47,530	43,965	29,078	18,751	11,925	6,862	259,821
1991	6,106	8,220	8,567	10,009	32,967	47,990	45,999	44,396	35,604	17,450	8,951	7,160	273,419
1992	5,631	5,458	6,417	9,115	52,593	96,413	98,975	69,889	39,211	21,229	10,230	6,352	421,513
1993	7,066	6,050	9,834	11,335	48,037	88,031	98,082	84,737					

Table F-1--All tree nuts: Bearing acreage, United States, 1980/81 to date

Season ¹	Almonds	Hazelnuts	Walnuts	Macadamias	Pistachios	Pecans	Total
----- Acres -----							
1980/81	326,800	22,000	179,900	10,000	27,000	--	565,700
1981/82	326,200	22,000	175,100	10,000	28,100	--	561,400
1982/83	339,000	22,000	178,000	10,200	29,900	--	579,100
1983/84	360,000	21,300	176,000	10,600	31,100	--	599,000
1984/85	381,000	22,000	178,000	12,000	30,800	--	623,800
1985/86	409,000	23,300	179,000	13,500	32,300	--	657,100
1986/87	416,000	24,900	180,000	14,400	34,200	--	669,500
1987/88	417,000	25,800	176,000	15,600	41,000	--	675,400
1988/89	419,000	26,500	177,000	16,600	47,200	--	686,300
1989/90	411,000	27,460	179,000	18,200	50,900	--	686,560
1990/91	411,000	27,300	181,000	18,400	53,700	--	691,400
1991/92	405,000	27,470	181,000	18,200	55,700	--	687,370
1992/93	401,000	27,030	178,000	17,500	56,500	--	680,030
1993/94	413,000	27,030	185,000	18,500	57,000	--	700,530
1994/95	433,000	27,550	189,000	18,500	57,500	--	725,550
1995/96	418,000	27,980	193,000	19,300	60,300	--	718,580
1996/97	428,000	28,600	192,000	19,200	64,300	--	732,100
1997/98	442,000	29,000	193,000	19,200	65,400	--	748,600
1998/99	460,000	29,530	198,000	19,200	68,000	--	774,730
1999/2000	485,000	29,200	197,000	18,900	71,000	--	801,100
2000/01	510,000	28,650	200,000	17,700	74,600	--	830,950
2001/02	530,000	29,000	204,000	17,800	78,000	--	858,800
2002/03	545,000	29,200	210,000	17,800	83,000	--	885,000
2003/04	550,000	28,000	213,000	17,800	88,000	--	896,800
2004/05	570,000	28,400	214,000	17,800	93,000	--	923,200
2005/06	590,000	28,300	215,000	18,000	105,000	--	956,300
2006/07	610,000	28,200	216,000	15,000	112,000	--	981,200
2007/08	640,000	28,600	218,000	15,000	115,000	--	1,016,600
2008/09	710,000	28,300	230,000	15,000	118,000	--	1,101,300
2009/10	750,000	28,700	240,000	15,000	126,000	--	1,159,700
2010/11	770,000	29,000	255,000	15,000	137,000	--	1,206,000
2011/12	800,000	28,500	265,000	15,000	153,000	--	1,261,500
2012/13	820,000	29,000	270,000	15,000	182,000	--	1,316,000
2013/14	880,000	30,000	280,000	16,000	203,000	--	1,409,000
2014/15	930,000	30,000	290,000	16,000	221,000	--	1,487,000
2015/16	950,000	34,000	300,000	16,000	233,000	--	1,533,000
2016/17	970,000	37,000	315,000	16,500	239,000	393,700	1,971,200
2017/18	1,030,000	40,000	335,000	17,000	250,000	404,800	2,076,800
2018/19	1,090,000	44,000	350,000	16,900	264,000	409,900	2,174,800

-- = not available.

¹ Season begins in August for almonds, September for pistachios and walnuts, October for pecans, and July for hazelnuts and macadamias.Source: USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table F-2--All tree nuts: Gross return per bearing acre, United States, 1980/81 to date ¹

Season ²	Almonds	Hazelnuts	Pecans	Walnuts	Macadamias	Pistachios	Total
				----- Dollars ³ -----			
1980/81	1,448	806	--	1,025	2,417	2,042	1,334
1981/82	918	525	--	1,303	2,645	703	1,043
1982/83	918	581	--	1,341	2,660	2,193	1,132
1983/84	644	215	--	713	2,257	1,197	707
1984/85	1,171	378	--	874	2,174	2,000	1,118
1985/86	882	718	--	976	2,256	1,149	943
1986/87	1,110	440	--	1,080	2,444	2,453	1,174
1987/88	1,554	810	--	1,381	2,299	1,106	1,470
1988/89	1,432	531	--	1,089	2,467	2,430	1,402
1989/90	1,170	388	--	1,369	2,470	1,249	1,231
1990/91	1,455	623	--	1,304	2,228	2,279	1,467
1991/92	1,393	674	--	1,517	1,904	1,728	1,438
1992/93	1,724	566	--	1,608	1,865	2,680	1,731
1993/94	2,253	961	--	1,954	1,783	2,853	2,161
1994/95	2,229	642	--	1,264	1,958	2,066	1,898
1995/96	2,107	1,273	--	1,697	1,955	2,675	2,008
1996/97	2,379	571	--	1,712	2,295	1,894	2,089
1997/98	2,626	1,457	--	1,993	2,266	3,110	2,451
1998/99	1,530	506	--	1,204	1,947	2,848	1,533
1999/2000	1,418	1,219	--	1,273	2,003	2,304	1,467
2000/01	1,307	699	--	1,482	1,667	3,290	1,514
2001/02	1,396	1,197	--	1,675	1,856	2,085	1,528
2002/03	2,203	668	--	1,571	1,697	4,016	2,162
2003/04	2,909	1,394	--	1,775	1,816	1,650	2,447
2004/05	3,840	1,901	--	2,111	2,317	5,000	3,467
2005/06	4,281	2,185	--	2,592	2,430	5,525	3,941
2006/07	3,703	1,647	--	2,611	2,591	4,016	3,422
2007/08	3,753	2,639	--	3,446	1,640	5,101	3,777
2008/09	3,300	1,832	--	2,426	2,233	4,830	3,229
2009/10	3,058	2,768	--	3,114	1,960	4,705	3,227
2010/11	3,771	2,327	--	4,032	2,000	8,452	4,301
2011/12	5,010	3,148	--	5,045	2,548	5,746	5,035
2012/13	5,874	2,240	--	5,577	2,347	7,902	5,973
2013/14	7,255	4,020	--	6,519	2,229	8,057	7,099
2014/15	7,944	4,320	--	6,576	2,501	8,303	7,599
2015/16	6,178	2,553	--	3,373	2,849	3,812	5,154
2016/17	5,209	3,211	1,770	4,047	2,545	6,302	4,409
2017/18	5,441	1,840	1,752	4,683	3,171	4,058	4,345
2018/19	5,017	2,086	1,038	2,511	2,486	9,907	4,378

-- = not available. ¹ Reporting of bearing acreage data for pecans began in 2016/17. ² Season begins in August for almonds, September for pistachios and walnuts, October for pecans, and July for hazelnuts and macadamias. ³ Value of production divided by bearing acreage.

Source: USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table F-3--All tree nuts: Utilized production (shelled basis), United States, 1980/81 to date

Season ¹	Almonds	Hazelnuts	Pecans	Walnuts	Macadamias	Pistachios	Total
-- 1,000 pounds --							
1980/81	322,000	12,320	85,144	146,620	15,169	11,675	592,928
1981/82	408,000	11,848	149,882	180,494	15,155	5,887	771,267
1982/83	347,000	14,965	102,742	181,900	16,682	16,984	680,273
1983/84	242,000	5,592	122,580	144,187	16,546	11,114	542,019
1984/85	590,000	9,434	108,531	134,251	17,127	27,512	886,854
1985/86	465,000	19,188	110,958	167,646	19,081	11,518	793,390
1986/87	250,000	11,476	125,442	141,687	19,989	31,009	579,602
1987/88	660,000	18,007	121,136	204,108	19,399	14,597	1,037,247
1988/89	590,000	13,134	135,030	173,171	20,671	45,684	977,690
1989/90	490,000	10,400	101,989	196,546	22,942	18,213	840,090
1990/91	660,000	15,537	97,530	181,600	22,715	42,047	1,019,430
1991/92	490,000	19,866	118,933	211,251	22,488	25,667	888,205
1992/93	548,000	22,132	74,147	168,940	21,806	65,585	900,610
1993/94	490,000	32,464	156,896	216,884	22,034	62,359	980,636
1994/95	735,000	16,960	86,233	200,795	23,851	51,375	1,114,214
1995/96	370,000	30,186	122,191	197,786	23,169	64,681	808,014
1996/97	510,000	14,641	93,894	170,444	25,668	40,425	855,072
1997/98	759,000	34,136	148,141	221,365	26,349	74,930	1,263,920
1998/99	520,000	12,477	65,501	187,862	26,122	78,208	890,170
1999/2000	833,000	31,561	160,396	237,884	25,668	58,083	1,346,592
2000/01	703,000	18,052	92,647	204,857	22,715	114,164	1,155,435
2001/02	830,000	39,600	145,580	257,556	25,441	80,733	1,378,909
2002/03	1,090,000	15,600	78,444	243,963	24,078	149,513	1,601,598
2003/04	1,040,000	30,224	116,968	279,429	24,078	56,217	1,546,916
2004/05	1,005,000	28,548	82,552	282,360	25,668	170,515	1,594,643
2005/06	915,000	20,806	125,251	315,989	24,532	139,003	1,540,582
2006/07	1,120,000	37,116	91,394	296,931	26,349	119,000	1,690,790
2007/08	1,390,000	29,355	180,255	280,427	18,626	206,998	2,105,662
2008/09	1,630,000	26,667	98,211	396,364	22,715	135,392	2,309,348
2009/10	1,410,000	38,145	131,982	387,870	19,081	174,769	2,161,847
2010/11	1,640,000	21,836	140,407	441,521	18,172	250,125	2,512,062
2011/12	2,030,000	31,218	124,601	400,631	22,261	222,000	2,830,711
2012/13	1,890,000	28,400	140,775	442,099	19,989	278,255	2,799,518
2013/14	2,010,000	36,923	130,768	437,651	18,626	234,484	2,868,452
2014/15	1,870,000	26,100	128,112	506,052	20,898	246,332	2,797,494
2015/16	1,900,000	23,312	104,513	526,957	21,352	134,593	2,710,727
2016/17	2,140,000	35,106	127,935	608,431	19,081	446,299	3,376,852
2017/18	2,270,000	25,600	141,146	557,143	22,261	226,915	3,243,064
2018/19 P	2,280,000	40,800	113,011	596,725	16,037	487,457	3,534,030

P = Preliminary. ¹ Season begins in August for almonds, September for pistachios and walnuts, October for pecans, and July for hazelnuts and macadamias.

Source: USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table F-4--All tree nuts: Season-average grower prices received, United States, 1980/81 to date

Season ¹	Almonds	Hazelnuts	Pecans	Walnuts	Macadamias	Pistachios	All
----- Cents per pound, shelled basis -----							
1980/81	147.0	144.0	168.3	126.4	159.4	472.4	151.5
1981/82	78.0	97.5	123.3	127.0	174.6	335.6	99.9
1982/83	94.0	85.4	143.6	131.8	162.7	386.0	118.0
1983/84	104.0	81.8	129.2	88.9	144.6	334.9	107.3
1984/85	77.4	88.2	133.4	116.4	152.3	223.9	95.0
1985/86	80.0	87.2	149.9	104.7	159.6	322.4	99.1
1986/87	192.0	95.6	156.8	138.0	176.1	270.5	169.5
1987/88	100.0	116.1	114.8	119.6	184.9	310.7	109.2
1988/89	105.0	107.2	123.4	111.8	198.1	251.0	115.5
1989/90	102.0	102.5	175.5	125.2	195.9	349.0	121.9
1990/91	93.0	109.5	253.9	130.6	180.5	291.1	123.8
1991/92	119.0	93.2	260.3	130.5	154.1	375.0	146.1
1992/93	130.0	69.1	324.2	170.3	149.7	230.9	157.4
1993/94	194.0	80.0	136.3	167.3	149.7	260.8	176.2
1994/95	134.0	104.3	240.4	119.5	151.9	231.3	142.2
1995/96	248.0	118.0	222.1	166.3	162.9	249.4	212.2
1996/97	208.0	111.6	143.1	193.7	171.7	301.3	194.6
1997/98	156.0	123.8	175.0	174.4	165.1	271.5	165.7
1998/99	141.0	119.8	270.9	127.4	143.1	247.6	153.4
1999/2000	86.0	112.8	206.0	105.8	147.5	281.6	111.8
2000/01	97.0	111.0	257.7	145.3	129.9	215.0	129.5
2001/02	91.0	87.6	138.1	133.1	129.9	201.4	109.7
2002/03	111.0	125.0	210.4	137.2	125.5	222.9	129.8
2003/04	157.0	129.2	237.4	134.4	134.3	258.2	159.8
2004/05	221.0	189.2	396.0	156.7	160.7	272.7	221.2
2005/06	281.0	297.1	324.9	193.4	178.3	417.4	271.1
2006/07	206.0	125.1	352.9	190.5	147.5	378.0	217.7
2007/08	175.0	257.1	240.6	268.7	132.1	283.4	202.9
2008/09	145.0	194.4	276.6	141.1	147.5	420.9	165.8
2009/10	165.0	208.2	326.1	193.1	154.1	339.2	193.0
2010/11	179.0	309.0	480.6	233.3	165.1	463.3	233.4
2011/12	199.0	287.3	526.4	334.4	171.7	396.0	247.6
2012/13	258.0	228.8	338.1	341.3	176.1	516.8	297.8
2013/14	321.0	326.6	352.1	417.9	191.5	697.5	364.7
2014/15	400.0	496.6	403.2	377.5	191.5	744.9	422.4
2015/16	313.0	372.3	536.0	192.4	213.5	660.0	312.2
2016/17	239.0	338.4	544.7	209.8	220.1	337.5	257.4
2017/18	253.0	287.5	502.5	282.0	242.1	447.1	278.3
2018/19	244.0	225.0	376.4	147.5	261.9	536.6	269.4

¹ Season begins in August for almonds, September for pistachios and walnuts, October for pecans, and July for hazelnuts and macadamias.

Source: USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table F-5--All tree nuts: Value of production, United States, 1980/81 to date

Season ¹	Almonds	Hazelnuts	Pecans	Walnuts	Macadamias	Pistachios	Total
				----- \$1,000 -----			
1980/81	473,340	17,740	143,269	184,392	24,174	55,145	898,060
1981/82	299,520	11,550	184,842	228,150	26,454	19,759	770,275
1982/83	311,140	12,783	147,491	238,680	27,136	65,560	802,790
1983/84	231,920	4,576	158,389	125,569	23,928	37,224	581,606
1984/85	446,134	8,319	144,830	155,490	26,088	61,586	842,447
1985/86	360,640	16,738	166,288	174,762	30,450	37,127	786,005
1986/87	461,568	10,967	196,649	194,400	35,200	83,888	982,672
1987/88	648,000	20,902	139,109	243,048	35,868	45,347	1,132,274
1988/89	600,075	14,082	166,658	192,698	40,950	114,680	1,129,143
1989/90	480,930	10,664	179,040	245,030	44,945	63,570	1,024,179
1990/91	597,990	17,011	247,590	236,080	41,000	122,400	1,262,071
1991/92	564,179	18,519	309,524	274,540	34,650	96,250	1,297,662
1992/93	691,340	15,304	240,362	286,230	32,640	151,410	1,417,286
1993/94	930,618	25,968	213,862	361,400	32,980	162,640	1,727,468
1994/95	965,202	17,694	207,345	238,960	36,225	118,809	1,584,235
1995/96	880,896	35,614	271,377	327,600	37,740	161,320	1,714,547
1996/97	1,018,368	16,341	134,355	328,640	44,070	121,800	1,663,574
1997/98	1,160,640	42,267	259,220	384,670	43,500	203,400	2,093,697
1998/99	703,590	14,942	177,452	238,350	37,375	193,640	1,365,349
1999/2000	687,742	35,603	330,398	250,738	37,855	163,590	1,505,926
2000/01	666,487	20,039	238,768	296,360	29,500	245,430	1,496,584
2001/02	740,012	34,700	201,101	341,600	33,040	162,610	1,513,063
2002/03	1,200,687	19,500	165,033	329,940	30,210	333,300	2,078,670
2003/04	1,600,144	39,037	277,629	378,160	32,330	145,180	2,472,480
2004/05	2,189,005	54,000	326,924	451,750	41,245	464,980	3,527,904
2005/06	2,525,909	61,824	406,920	557,350	43,740	580,150	4,175,893
2006/07	2,258,790	46,440	322,493	563,980	38,860	449,820	3,680,383
2007/08	2,401,875	75,480	433,644	751,120	24,600	586,560	4,273,279
2008/09	2,343,200	51,840	271,687	558,080	33,500	569,900	3,828,207
2009/10	2,293,500	79,430	430,388	747,270	29,400	592,850	4,172,838
2010/11	2,903,380	67,480	674,828	1,028,160	30,000	1,158,840	5,862,688
2011/12	4,007,860	89,705	655,889	1,336,900	38,220	879,120	7,007,694
2012/13	4,816,860	64,965	475,991	1,505,910	35,200	1,438,110	8,337,036
2013/14	6,384,690	120,600	460,390	1,825,320	35,670	1,635,600	10,462,270
2014/15	7,388,000	129,600	516,591	1,907,140	40,020	1,834,980	11,816,331
2015/16	5,868,750	86,800	560,216	1,012,020	45,590	888,300	8,461,676
2016/17	5,052,460	118,800	696,806	1,274,650	42,000	1,506,120	8,690,836
2017/18	5,603,950	73,600	709,218	1,568,700	53,900	1,014,507	9,023,875
2018/19	5,468,040	91,800	425,331	878,800	42,007	2,615,550	9,521,528

¹ Season begins in August for almonds, September for pistachios and walnuts, October for pecans, and July for hazelnuts and macadamias.

Source: USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table F-6--All tree nuts (shelled basis): Supply and utilization, United States, 1980/81 to date

Season ¹	Utilized production	Loss and exempt ²	Marketable production ³	Imports	Begin- ing stocks	Market reserve	Total supply	Ending stocks	Exports	Utilization	
										Domestic	Per capita
-----1,000 pounds -----											
											Pounds
1980/81	592,928	18,153	574,775	101,117	172,522	0	848,414	169,059	261,980	417,375	1.82
1981/82	771,267	26,963	744,303	92,598	169,059	0	1,005,960	275,444	279,730	450,785	1.95
1982/83	680,273	17,483	662,790	123,261	275,444	6,620	1,061,495	314,988	234,339	512,168	2.20
1983/84	542,019	23,628	518,392	146,983	314,988	6,650	980,363	222,379	219,322	538,662	2.29
1984/85	886,854	27,961	858,893	139,937	222,379	28,180	1,221,209	331,455	318,131	571,622	2.41
1985/86	793,390	22,110	771,280	151,129	331,455	44,400	1,253,864	265,063	392,963	595,838	2.49
1986/87	579,602	15,966	563,637	142,993	265,063	0	971,693	186,187	240,643	544,863	2.25
1987/88	1,037,247	26,819	1,010,427	132,444	186,187	114,220	1,329,058	356,779	426,128	546,151	2.24
1988/89	977,690	27,662	950,028	126,742	356,779	141,130	1,433,549	375,668	456,054	601,828	2.44
1989/90	840,090	34,477	805,613	175,693	375,668	0	1,356,974	302,926	489,934	564,114	2.27
1990/91	1,019,430	46,919	972,511	194,142	302,926	43,100	1,469,578	330,955	522,510	616,113	2.45
1991/92	888,205	28,708	859,497	172,813	330,955	1,260	1,363,264	245,429	563,596	554,239	2.17
1992/93	900,610	28,829	871,781	228,859	245,429	0	1,346,069	210,309	542,468	593,292	2.30
1993/94	980,636	22,693	957,943	212,351	210,309	0	1,380,603	249,243	512,971	618,389	2.36
1994/95	1,114,214	40,844	1,073,370	220,535	249,243	60,800	1,543,148	333,128	641,090	568,931	2.15
1995/96	808,014	26,176	781,838	208,850	333,128	0	1,323,816	218,316	543,372	562,128	2.10
1996/97	855,072	25,353	829,719	217,268	218,316	0	1,265,303	121,650	573,680	569,973	2.10
1997/98	1,263,920	36,325	1,227,595	243,032	121,650	0	1,592,277	313,829	668,331	610,118	2.22
1998/99	890,170	26,172	863,998	250,791	313,829	0	1,428,618	193,179	600,919	634,519	2.29
1999/2000	1,346,592	36,281	1,310,311	285,912	193,179	0	1,789,403	331,466	669,115	788,822	2.81
2000/01	1,155,435	27,496	1,127,940	293,047	331,466	0	1,752,452	237,699	780,988	733,765	2.58
2001/02	1,378,909	31,656	1,347,253	338,641	237,699	0	1,923,593	256,303	848,651	818,639	2.85
2002/03	1,601,598	21,403	1,580,195	362,426	256,303	0	2,198,924	310,363	927,822	960,739	3.32
2003/04	1,546,916	23,392	1,523,524	430,411	310,363	0	2,264,298	279,889	964,534	1,019,875	3.49
2004/05	1,594,643	42,149	1,552,494	503,028	279,889	0	2,335,412	262,832	1,040,491	1,032,089	3.50
2005/06	1,540,582	38,143	1,502,439	432,130	262,832	0	2,197,401	278,780	1,125,570	793,051	2.66
2006/07	1,690,790	35,031	1,655,759	439,551	278,780	0	2,374,090	243,470	1,129,771	1,000,849	3.33
2007/08	2,105,662	43,133	2,062,529	496,557	243,470	0	2,802,556	405,712	1,311,764	1,085,081	3.58
2008/09	2,309,348	49,841	2,259,507	432,601	405,712	0	3,097,819	542,617	1,465,658	1,089,545	3.56
2009/10	2,161,847	48,591	2,113,256	468,948	542,617	0	3,124,821	422,055	1,546,419	1,156,346	3.74
2010/11	2,512,062	29,820	2,482,242	485,098	422,055	0	3,389,395	407,391	1,786,058	1,195,946	3.85
2011/12	2,830,711	43,495	2,787,216	449,253	407,391	0	3,643,860	480,195	1,977,106	1,186,559	3.79
2012/13	2,799,518	37,182	2,762,336	515,591	480,195	0	3,758,123	462,053	1,979,602	1,316,467	4.18
2013/14	2,868,452	61,711	2,806,741	582,073	462,053	0	3,850,867	505,516	2,075,251	1,270,100	4.00
2014/15	2,797,494	59,052	2,738,442	666,931	505,516	0	3,910,890	585,250	2,025,163	1,300,476	4.07
2015/16	2,710,727	44,915	2,665,812	668,081	585,250	0	3,919,144	575,549	2,035,232	1,308,364	4.06
2016/17	3,376,852	48,609	3,328,244	697,232	575,549	0	4,601,024	647,413	2,381,753	1,571,858	4.85
2017/18	3,243,064	55,704	3,187,361	738,839	647,413	0	4,573,613	536,089	2,395,245	1,642,279	5.03
2018/19 P	3,525,479	56,964	3,468,514	717,170	536,089	0	4,721,773	530,590	2,482,620	1,708,562	5.21

P = Preliminary. ¹ Season begins in July for hazelnuts, macadamias, and other tree nuts (includes Brazil, pignolias, chestnuts, cashews, and mixed nuts);

August for almonds; September for pistachios and walnuts, and October for pecans. ² Utilized production minus marketable production, which includes inedibles and noncommercial usage. ³ Marketable production is used to calculate consumption.

Source: USDA, Economic Research Service calculations.

Table F-7--Almonds: Acreage, yield per acre, production (shelled basis), season-average grower price, and value, California, 1980 to date ¹

Year	Bearing acreage	Yield/acre	Production	Grower price	Value
	<i>1,000 acres</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Cents/pound</i>	<i>\$1,000</i>
1980	326.8	985	322	147.0	473,340
1981	326.2	1,250	408	78.0	299,520
1982	339.0	1,020	347	94.0	311,140
1983	360.0	672	242	104.0	231,920
1984	381.0	1,550	590	77.4	446,134
1985	409.0	1,140	465	80.0	360,640
1986	416.0	601	250	192.0	461,568
1987	417.0	1,580	660	100.0	648,000
1988	419.0	1,410	590	105.0	600,075
1989	411.0	1,190	490	102.0	480,930
1990	411.0	1,610	660	93.0	597,990
1991	405.0	1,210	490	119.0	564,179
1992	401.0	1,370	548	130.0	691,340
1993	413.0	1,190	490	194.0	930,618
1994	433.0	1,700	735	134.0	965,202
1995	418.0	885	370	248.0	880,896
1996	428.0	1,190	510	208.0	1,018,368
1997	442.0	1,720	759	156.0	1,160,640
1998	460.0	1,130	520	141.0	703,590
1999	485.0	1,720	833	86.0	687,742
2000	510.0	1,380	703	97.0	666,487
2001	530.0	1,570	830	91.0	740,012
2002	545.0	2,000	1,090	111.0	1,200,687
2003	550.0	1,890	1,040	157.0	1,600,144
2004	570.0	1,760	1,005	221.0	2,189,005
2005	590.0	1,550	915	281.0	2,525,909
2006	610.0	1,840	1,120	206.0	2,258,790
2007	640.0	2,170	1,390	175.0	2,401,875
2008	710.0	2,300	1,630	145.0	2,343,200
2009	750.0	1,880	1,410	165.0	2,293,500
2010	770.0	2,130	1,640	179.0	2,903,380
2011	800.0	2,540	2,030	199.0	4,007,860
2012	820.0	2,310	1,890	258.0	4,816,860
2013	880.0	2,280	2,010	321.0	6,384,690
2014	930.0	2,010	1,870	400.0	7,388,000
2015	950.0	2,000	1,900	313.0	5,868,750
2016	970.0	2,210	2,140	239.0	5,052,460
2017	1030.0	2,200	2,270	253.0	5,603,950
2018	1090.0	2,090	2,280	244.0	5,468,040

¹ Price and value are based on the edible portion of the crop only. Included in production are inedible quantities of no value as follows (million pounds): 1982-16.0; 1983-19.0; 1984-13.5; 1985-14.3; 1986-9.80; 1987-12.0; 1988-18.5; 1989-18.5; 1990-17.0; 1991-15.9; 1992-16.2; 1993-10.3; 1994-14.7; 1995-14.8; 1996-20.4; 1997-15.0; 1998-21.0; 1999-33.3; 2000-15.9; 2001-16.8; 2002-8.3; 2003-20.8; 2004-14.5; 2005-16.1; 2006-23.5; 2007-17.5; 2008-14.0; 2009-20.0; 2010-18.0; 2011-16.0; 2012-23.0; 2013-21.0; 2014-23.0; and 2015-25.0; 2016-26.0; 2017-55.

Source: USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table F-8--Almonds: Supply and utilization (shelled basis), 1980/81 to date

Season ¹	Utilized	Loss	Marketable production	Imports	Beginning stocks	Total supply	Current year	Ending stocks	Exports	Utilization	
	pro- duction	and exempt ²					market reserve ³			Domestic	Per capita
	----- 1,000 pounds -----						Pounds				
1980/81	322,000	16,860	305,140	70	78,950	384,160	0	101,657	186,930	95,573	0.42
1981/82	408,000	24,870	383,130	40	101,657	484,827	0	161,014	207,890	115,923	0.50
1982/83	347,000	16,240	330,760	570	161,014	492,344	6,620	176,949	177,980	137,415	0.59
1983/84	242,000	20,210	221,790	180	176,949	398,919	6,650	90,623	171,700	136,596	0.58
1984/85	590,000	26,360	563,640	240	90,623	654,503	28,180	227,010	266,780	160,713	0.68
1985/86	465,000	21,000	444,000	460	227,010	671,470	44,400	144,326	332,190	194,954	0.81
1986/87	250,000	14,310	235,690	690	144,326	380,706	0	79,017	174,010	127,679	0.53
1987/88	660,000	25,440	634,560	650	79,017	714,227	114,220	227,894	343,300	143,033	0.59
1988/89	590,000	25,460	564,540	480	227,894	792,914	141,130	270,061	363,970	158,883	0.65
1989/90	490,000	32,830	457,170	247	270,061	727,478	0	203,100	370,745	153,633	0.62
1990/91	660,000	44,250	615,750	132	203,100	818,982	43,100	241,360	391,680	185,942	0.74
1991/92	490,000	26,759	463,241	204	241,360	704,805	1,260	148,100	401,174	155,531	0.61
1992/93	548,000	26,700	521,300	256	148,100	669,656	0	131,113	385,792	152,751	0.59
1993/94	490,000	19,940	470,060	293	131,113	601,466	0	102,631	343,184	155,650	0.59
1994/95	735,000	38,788	696,212	391	102,631	799,234	60,800	204,849	453,773	140,612	0.53
1995/96	370,000	18,562	351,438	564	204,849	556,851	0	92,799	335,100	128,952	0.48
1996/97	510,000	23,696	486,304	1,248	92,799	580,351	0	48,287	374,512	157,553	0.58
1997/98	759,000	32,790	726,210	116	48,287	774,613	0	171,976	447,864	154,774	0.56
1998/99	520,000	24,600	495,400	184	171,976	667,560	0	91,834	410,388	165,339	0.60
1999/00	833,000	34,400	798,600	226	91,834	890,660	0	175,850	439,534	275,275	0.98
2000/01	703,000	26,000	677,000	427	175,850	853,277	0	107,266	513,344	232,667	0.82
2001/02	830,000	29,300	800,700	809	107,266	908,775	0	80,922	585,723	242,130	0.84
2002/03	1,090,000	20,200	1,069,800	1,862	80,922	1,152,584	0	162,045	673,616	316,923	1.09
2003/04	1,040,000	21,800	1,018,200	2,772	162,045	1,183,017	0	148,940	698,896	335,181	1.15
2004/05	1,005,000	39,922	965,078	5,662	148,940	1,119,681	0	137,684	712,680	269,317	0.91
2005/06	915,000	36,470	878,530	9,207	137,684	1,025,421	0	112,222	728,470	184,730	0.62
2006/07	1,120,000	33,502	1,086,498	8,139	112,222	1,206,859	0	133,950	767,963	304,946	1.01
2007/08	1,390,000	41,491	1,348,509	7,107	133,950	1,489,566	0	231,151	891,443	366,972	1.21
2008/09	1,630,000	48,438	1,581,562	4,233	231,151	1,816,946	0	413,734	979,578	423,634	1.38
2009/10	1,410,000	46,326	1,363,674	5,610	413,734	1,783,018	0	321,255	1,030,754	431,010	1.40
2010/11	1,640,000	27,916	1,612,084	8,105	321,255	1,941,444	0	253,959	1,188,153	499,332	1.61
2011/12	2,030,000	40,493	1,989,507	15,926	253,959	2,259,393	0	335,233	1,357,972	566,188	1.81
2012/13	1,890,000	35,583	1,854,417	39,445	335,233	2,229,095	0	317,226	1,281,083	630,786	2.00
2013/14	2,010,000	60,571	1,949,429	33,928	317,226	2,300,583	0	350,564	1,336,899	613,120	1.93
2014/15	1,870,000	58,124	1,811,876	31,190	350,564	2,193,629	0	376,614	1,269,201	547,813	1.71
2015/16	1,900,000	43,494	1,856,506	31,776	376,614	2,264,896	0	412,001	1,272,345	580,550	1.80
2016/17	2,140,000	46,984	2,093,016	26,585	412,001	2,505,017	0	398,677	1,436,305	670,035	2.07
2017/18	2,270,000	54,734	2,215,266	32,518	398,677	2,637,443	0	359,013	1,534,833	743,598	2.28
2018/19 P	2,280,000	55,821	2,224,179	32,293	359,013	2,583,193	0	318,319	1,524,042	740,833	2.26

P = Preliminary. ¹ Season begins in August. ² Utilized production minus marketable production. ³ Market reserve allocated to domestic consumption, export, or ending stocks.

Source: USDA, Economic Research Service calculations.

Table F-9--Hazelnuts (filberts): Bearing acreage and yield per acre (in-shell), by State, 1980 to date

Year	Oregon		Washington		United States	
	Bearing acreage	Yield/acre	Bearing acreage	Yield/acre	Bearing acreage	Yield/acre
	<i>Acres</i>	<i>Tons</i>	<i>Acres</i>	<i>Tons</i>	<i>Acres</i>	<i>Tons</i>
1980	21,600	0.70	400	0.75	22,000	0.70
1981	21,600	0.67	400	0.75	22,000	0.67
1982	21,580	0.85	420	0.95	22,000	0.85
1983	20,900	0.38	400	0.50	21,300	0.38
1984	21,600	0.61	400	0.50	22,000	0.61
1985	22,900	1.06	400	0.75	23,300	1.06
1986	24,500	0.61	400	0.50	24,900	0.61
1987	25,400	0.85	400	0.75	25,800	0.84
1988	26,100	0.62	400	0.50	26,500	0.62
1989	27,100	0.47	360	0.56	27,460	0.47
1990	27,000	0.80	300	0.67	27,300	0.79
1991	27,200	0.93	270	0.74	27,470	0.93
1992	26,800	1.03	230	0.87	27,030	1.02
1993	26,700	1.52	330	0.91	27,030	1.52
1994	27,200	0.77	350	0.57	27,550	0.77
1995	27,600	1.40	380	0.79	27,980	1.39
1996	28,200	0.66	400	0.63	28,600	0.66
1997	28,600	1.63	400	0.88	29,000	1.62
1998	29,100	0.53	430	0.23	29,530	0.52
1999	28,800	1.38	400	0.75	29,200	1.37
2000	28,300	0.79	350	0.57	28,650	0.79
2001	29,000	1.71	d	d	29,000	1.71
2002	29,200	0.67	d	d	29,200	0.67
2003	28,000	1.35	d	d	28,000	1.35
2004	28,400	1.32	d	d	28,400	1.32
2005	28,300	0.98	d	d	28,300	0.98
2006	28,200	1.52	d	d	28,200	1.52
2007	28,600	1.29	d	d	28,600	1.29
2008	28,300	1.13	d	d	28,300	1.13
2009	28,700	1.64	d	d	28,700	1.64
2010	29,000	0.97	d	d	29,000	1.00
2011	28,500	1.35	d	d	28,500	1.00
2012	29,000	1.22	d	d	29,000	1.22
2013	30,000	1.50	d	d	30,000	1.50
2014	30,000	1.20	d	d	30,000	1.20
2015	34,000	0.91	d	d	34,000	0.91
2016	37,000	1.19	d	d	37,000	1.19
2017	40,000	0.80	d	d	40,000	0.80
2018	44,000	1.16	d	d	44,000	1.16

d = Estimates discontinued in 2001.

Source: USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table F-10--Hazelnuts (filberts): Production (in-shell), season-average grower price, and value, by State, 1980 to date ¹

Year	Oregon			Washington			United States		
	Production	Price	Value	Production	Price	Value	Production	Price	Value
	Tons	Dollars/ton	\$1,000	Tons	Dollars/ton	\$1,000	Tons	Dollars/ton	\$1,000
1980	15,100	1,151	17,386	300	1,181	354	15,400	1,152	17,740
1981	14,400	786	11,319	300	770	231	14,700	786	11,550
1982	18,400	680	12,512	400	677	271	18,800	680	12,783
1983	8,000	554	4,432	200	720	144	8,200	558	4,576
1984	13,200	617	8,144	200	875	175	13,400	621	8,319
1985	24,300	677	16,451	300	957	287	24,600	680	16,738
1986	14,900	724	10,788	200	895	179	15,100	726	10,967
1987	21,500	956	20,554	300	1,160	348	21,800	959	20,902
1988	16,300	853	13,904	200	891	178	16,500	853	14,082
1989	12,800	817	10,458	200	1,030	206	13,000	820	10,664
1990	21,500	783	16,835	200	880	176	21,700	784	17,011
1991	25,300	726	18,368	200	755	151	25,500	726	18,519
1992	27,500	552	15,180	200	620	124	27,700	552	15,304
1993	40,700	633	25,763	300	683	205	41,000	633	25,968
1994	21,000	834	17,514	200	900	180	21,200	835	17,694
1995	38,700	913	35,333	300	935	281	39,000	913	35,614
1996	18,750	859	16,106	250	940	235	19,000	860	16,341
1997	46,650	899	41,938	350	940	329	47,000	899	42,267
1998	15,400	964	14,846	100	960	96	15,500	964	14,942
1999	39,700	890	35,333	300	900	270	40,000	890	35,603
2000	22,300	890	19,847	200	960	192	22,500	891	20,039
2001	49,500	701	34,700	d	d	d	49,500	701	34,700
2002	19,500	1,000	19,500	d	d	d	19,500	1,000	19,500
2003	37,900	1,030	39,037	d	d	d	37,900	1,030	39,037
2004	37,500	1,440	54,000	d	d	d	37,500	1,440	54,000
2005	27,600	2,240	61,824	d	d	d	27,600	2,240	61,824
2006	43,000	1,080	46,440	d	d	d	43,000	1,080	46,440
2007	37,000	2,040	75,480	d	d	d	37,000	2,040	75,480
2008	32,000	1,620	51,840	d	d	d	32,000	1,620	51,840
2009	47,000	1,690	79,430	d	d	d	47,000	1,690	79,430
2010	28,000	2,410	67,480	d	d	d	28,000	2,410	67,480
2011	38,500	2,330	89,705	d	d	d	38,500	2,330	89,705
2012	35,500	1,830	64,965	d	d	d	35,500	1,830	64,965
2013	45,000	2,680	120,600	d	d	d	45,000	2,680	120,600
2014	36,000	3,600	129,600	d	d	d	36,000	3,600	129,600
2015	31,000	2,800	86,800	d	d	d	31,000	2,800	86,800
2016	44,000	2,700	118,800	d	d	d	44,000	2,700	118,800
2017	32,000	2,300	73,600	d	d	d	32,000	2,300	73,600
2018	51,000	1,800	91,800	d	d	d	51,000	1,800	91,800

d= Estimates discontinued in 2001. ¹ Production is the quantity sold or utilized.Source: USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table F-11--Hazelnuts (filberts): Supply and utilization (shelled basis), 1980/81 to date

Season ¹	Utilized production	Loss and exempt	Marketable production ²	Imports	Beginning stocks	Total supply	Ending stocks	Exports	Utilization	
									Domestic	Per capita
----- 1,000 pounds -----										
									Pounds	
1980/81	12,320	546	11,774	4,001	1,046	16,821	1,124	4,729	10,968	0.05
1981/82	11,848	1,292	10,556	3,953	1,124	15,633	965	3,949	10,720	0.05
1982/83	14,965	467	14,498	6,778	965	22,240	2,922	3,423	15,895	0.07
1983/84	5,592	404	5,189	7,156	2,922	15,266	642	3,012	11,612	0.05
1984/85	9,434	967	8,467	9,011	642	18,121	544	2,644	14,933	0.06
1985/86	19,188	345	18,843	4,195	544	23,582	1,254	6,640	15,688	0.07
1986/87	11,476	865	10,611	3,721	1,254	15,586	399	7,130	8,057	0.03
1987/88	18,007	535	17,472	3,863	399	21,734	947	5,962	14,825	0.06
1988/89	13,134	441	12,693	8,165	947	21,805	686	3,778	17,341	0.07
1989/90	10,400	605	9,795	7,157	686	17,638	579	4,640	12,419	0.05
1990/91	15,537	1,869	13,668	10,116	579	24,364	1,098	5,618	17,647	0.07
1991/92	19,866	943	18,923	6,173	1,098	26,194	3,026	8,213	14,955	0.06
1992/93	22,132	1,073	21,059	8,808	3,026	32,893	2,956	9,289	20,648	0.08
1993/94	32,464	1,471	30,993	7,835	2,956	41,784	1,687	14,354	25,743	0.10
1994/95	16,960	1,066	15,894	12,284	1,687	29,865	343	10,423	19,098	0.07
1995/96	30,186	1,591	28,595	11,182	343	40,120	1,725	13,268	25,127	0.09
1996/97	14,641	838	13,803	3,165	1,725	18,694	398	13,923	4,373	0.02
1997/98	34,136	2,712	31,423	8,628	398	40,449	1,380	20,308	18,760	0.07
1998/99	12,477	744	11,733	12,466	1,380	25,579	91	10,167	15,320	0.06
1999/00	31,561	1,040	30,520	12,713	91	43,324	5,609	11,327	26,389	0.09
2000/01	18,052	639	17,414	11,650	5,609	34,673	1,883	14,701	18,088	0.06
2001/02	39,600	1,512	38,088	15,195	1,883	55,167	6,765	22,529	25,873	0.09
2002/03	15,600	338	15,262	16,387	6,765	38,414	5,930	9,929	22,555	0.08
2003/04	30,224	734	29,490	10,902	5,930	46,321	3,622	25,589	17,110	0.06
2004/05	28,548	1,359	27,189	12,768	3,622	43,579	1,063	21,687	20,829	0.07
2005/06	20,806	783	20,023	12,082	1,063	33,168	535	26,035	6,598	0.02
2006/07	37,116	671	36,445	13,534	535	50,515	2,631	25,203	22,680	0.08
2007/08	29,355	788	28,568	13,428	2,631	44,627	1,934	27,014	15,679	0.05
2008/09	26,667	494	26,173	10,010	1,934	38,117	1,184	22,267	14,666	0.05
2009/10	38,145	1,378	36,767	8,108	1,184	46,059	2,307	30,644	13,107	0.04
2010/11	21,836	1,028	20,808	10,883	2,307	33,999	2,283	16,838	14,878	0.05
2011/12	31,218	2,134	29,085	9,617	2,283	40,985	2,969	20,851	17,165	0.05
2012/13	28,400	709	27,691	15,235	2,969	45,895	870	26,519	18,506	0.06
2013/14	36,923	250	36,673	14,533	870	52,077	4,023	32,031	16,023	0.05
2014/15 ³	26,100	41	26,059	10,861	4,023	40,943	1,289	16,002	23,652	0.07
2015/16	23,312	551	22,761	9,224	1,289	33,274	211	19,298	13,765	0.04
2016/17	35,106	741	34,365	11,508	211	46,084	3,106	25,372	17,605	0.05
2017/18	25,600	85	25,515	13,775	3,106	42,396	1,401	20,039	20,956	0.06
2018/19 P	40,800	261	40,539	16,764	1,401	58,704	6,524	20,622	31,557	0.10

P = Preliminary. ¹ Season begins in July. ² Utilized production minus loss and exempt. ³ In-shell export figure from Hazelnut Marketing Board.

Source: USDA, Economic Research Service calculations.

Table F-12--Macadamias: Acreage, yield per acre, production (in-shell), season-average grower price, and value, Hawaii, 1980 to date

Year	Bearing acreage	Yield/acre	Production	Grower price	Value
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents/pound</i>	<i>\$1,000</i>
1980	10,000	3,339	33,390	72.4	24,174
1981	10,000	3,346	33,360	79.3	26,454
1982	10,200	3,600	36,720	73.9	27,136
1983	10,600	3,440	36,420	65.7	23,928
1984	12,000	3,140	37,700	69.2	26,088
1985	13,500	3,110	42,000	72.5	30,450
1986	14,400	3,060	44,000	80.0	35,200
1987	15,600	2,740	42,700	84.0	35,868
1988	16,600	2,740	45,500	90.0	40,950
1989	18,200	2,770	50,500	89.0	44,945
1990	18,400	2,720	50,000	82.0	41,000
1991	18,200	2,720	49,500	70.0	34,650
1992	17,500	2,740	48,000	68.0	32,640
1993	18,500	2,620	48,500	68.0	32,980
1994	18,500	2,840	52,500	69.0	36,225
1995	19,300	2,640	51,000	74.0	37,740
1996	19,200	2,940	56,500	78.0	44,070
1997	19,200	3,020	58,000	75.0	43,500
1998	19,200	2,990	57,500	65.0	37,375
1999	18,900	2,990	56,500	67.0	37,855
2000	17,700	2,820	50,000	59.0	29,500
2001	17,800	3,150	56,000	59.0	33,040
2002	17,800	2,980	53,000	57.0	30,210
2003	17,800	2,980	53,000	61.0	32,330
2004	17,800	3,170	56,500	73.0	41,245
2005	18,000	3,000	54,000	81.0	43,740
2006	15,000	3,870	58,000	67.0	38,860
2007	15,000	2,730	41,000	60.0	24,600
2008	15,000	3,330	50,000	67.0	33,500
2009	15,000	2,800	42,000	70.0	29,400
2010	15,000	2,670	40,000	75.0	30,000
2011	15,000	3,270	49,000	78.0	38,220
2012	15,000	2,930	44,000	80.0	35,200
2013	16,000	2,560	41,000	87.0	35,670
2014	16,000	2,880	46,000	87.0	40,020
2015	16,000	2,940	47,000	97.0	45,590
2016	16,500	2,550	42,000	100.0	42,000
2017	17,000	2,880	49,000	110.0	53,900
2018	16,900	2,090	35,300	119.0	42,007

Source: USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table F-13--Pecans: Production (in-shell), season-average grower price, and value, United States, 1980 to date

Year	Improved varieties ¹			Native and seedling			All pecans ²		
	Production	Price	Value	Production	Price	Value	Production	Price	Value
	1,000 lbs	Cents/pound	\$1,000	1,000 lbs	Cents/pound	\$1,000	1,000 lbs	Cents/pound	\$1,000
1980	128,500	84.8	109,015	55,000	62.3	34,254	183,500	78.1	143,269
1981	174,550	64.7	112,987	164,550	43.7	71,855	339,100	54.5	184,842
1982	169,000	72.6	122,776	49,600	49.8	24,715	218,600	67.5	147,491
1983	167,250	67.7	113,199	102,750	44.0	45,190	270,000	58.7	158,389
1984	169,230	68.2	115,406	63,170	46.6	29,424	232,400	62.3	144,830
1985	152,500	79.1	120,582	91,900	49.7	45,706	244,400	68.0	166,288
1986	182,650	79.3	144,765	90,050	57.6	51,884	272,700	72.1	196,649
1987	179,650	60.1	107,953	82,550	37.7	31,156	262,200	53.1	139,109
1988	185,500	62.6	116,210	122,700	41.1	50,448	308,200	54.1	166,658
1989	161,000	78.6	126,491	73,200	53.8	39,350	250,500	71.5	179,040
1990	143,500	128.0	184,135	41,250	90.2	37,212	205,000	121.0	247,590
1991	163,300	114.0	186,917	115,000	83.5	95,969	299,000	104.0	309,524
1992	104,800	154.0	164,333	41,100	112.0	46,794	166,000	145.0	240,362
1993	237,100	62.9	149,189	109,200	39.6	43,270	365,000	58.6	213,862
1994	118,900	115.0	136,945	59,600	76.4	45,531	199,000	104.0	207,345
1995	174,800	112.0	195,216	76,800	72.5	55,678	267,500	101.0	271,377
1996 ³	165,125	68.9	113,749	44,375	46.4	20,606	209,500	64.1	134,355
1997	202,900	93.3	189,226	132,100	53.0	69,994	335,000	77.4	259,220
1998	112,000	135.0	150,908	34,400	77.2	26,544	146,400	121.0	177,452
1999	219,400	101.0	222,647	186,700	57.7	107,751	406,100	81.4	330,398
2000	160,550	126.0	201,575	49,300	75.4	37,193	209,850	114.0	238,768
2001	246,550	66.2	163,204	91,950	41.2	37,897	338,500	59.4	201,101
2002	130,720	107.0	139,597	42,180	60.3	25,436	172,900	95.5	165,033
2003	202,900	110.0	223,547	79,200	68.3	54,082	282,100	98.4	277,629
2004	138,970	192.0	267,215	46,830	128.0	59,709	185,800	176.0	326,924
2005 ⁴	228,700	154.0	351,353	51,550	108.0	55,567	280,250	145.0	406,920
2006 ⁴	152,130	173.0	262,544	55,170	109.0	59,949	207,300	156.0	322,493
2007 ⁴	303,462	123.0	373,131	83,843	72.2	60,513	387,305	112.0	433,644
2008 ⁴	173,660	142.0	246,590	28,420	88.3	25,097	202,080	134.0	271,687
2009 ⁴	249,720	153.0	381,550	52,300	93.4	48,838	302,020	143.0	430,388
2010 ⁴	232,560	249.0	578,149	61,180	158.0	96,679	293,740	230.0	674,828
2011 ⁴	227,030	259.0	587,064	42,670	161.0	68,825	269,700	243.0	655,889
2012 ⁴	247,100	173.0	427,473	55,200	87.9	48,518	302,300	157.0	475,991
2013 ⁴	220,000	190.0	417,758	46,330	92.0	42,632	266,330	173.0	460,390
2014 ⁴	227,410	212.0	482,323	36,740	93.3	34,268	264,150	196.0	516,591
2015 ⁴	225,180	231.0	520,529	29,110	136.0	39,687	254,290	220.0	560,216
2016 ⁵	249,970	266.0	663,746	18,800	176.0	33,060	268,770	259.0	696,806
2017 ⁵	278,600	240.0	667,858	26,250	158.0	41,360	304,850	233.0	709,218
2018 ⁵	228,470	179.0	408,807	14,460	114.0	16,524	242,930	175.1	425,331

¹ Budded, grafted, or topworked varieties. ² Includes Arizona, Kansas, Missouri, and Tennessee in 1989-1992; Arizona, Missouri, and Tennessee in 1993 and 1995; and Arizona, Mississippi, Missouri, and Tennessee in 1994. ³ Estimates discontinued in 1996 for Missouri and Tennessee.

⁴ Estimates included Missouri. ⁵ Estimates discontinued in 2016 for Arkansas, Florida, Kansas, Mississippi, Missouri, and South Carolina.

Source: USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table F-14--Pecans: Supply and utilization (shelled basis), 1980/81 to date ¹

							Utilization	
Season ²	Utilized production	Imports	Beginning stocks	Total supply	Ending stocks	Exports	Domestic	Per capita
----- 1,000 pounds -----							Pounds	
1980/81	85,144	952	47,245	133,341	30,852	4,665	97,824	0.43
1981/82	149,882	849	30,852	181,583	73,406	4,194	103,983	0.45
1982/83	102,742	1,625	73,406	177,773	57,289	7,298	113,186	0.49
1983/84	122,580	5,789	57,289	185,658	69,715	3,376	112,567	0.48
1984/85	108,531	1,934	69,715	180,180	50,370	2,720	127,090	0.54
1985/86	110,958	14,298	50,370	175,626	59,952	2,264	113,410	0.47
1986/87	125,442	10,918	59,952	196,312	63,423	2,755	130,134	0.54
1987/88	121,136	12,966	63,423	197,525	62,520	3,935	131,071	0.54
1988/89	135,030	2,718	62,520	200,267	41,744	5,885	152,639	0.62
1989/90	101,989	15,855	41,744	159,588	35,004	11,215	113,369	0.46
1990/91	97,530	26,235	35,004	158,770	22,896	17,740	118,134	0.47
1991/92	118,933	20,480	22,896	162,310	32,542	17,082	112,685	0.44
1992/93	74,147	31,099	32,542	137,788	21,445	15,045	101,299	0.39
1993/94	156,896	21,728	21,445	200,068	46,261	17,213	136,594	0.52
1994/95	86,233	34,221	46,261	166,716	54,171	13,739	98,806	0.37
1995/96	122,191	32,604	54,171	208,966	54,728	18,311	135,927	0.51
1996/97	93,894	27,064	54,728	175,685	24,924	19,838	130,924	0.48
1997/98	148,141	35,621	24,924	208,685	63,121	22,011	123,554	0.45
1998/99	65,501	40,383	63,121	169,005	20,543	17,605	130,858	0.47
1999/2000	160,396	28,963	20,543	209,902	76,152	20,335	113,415	0.40
2000/01	92,647	32,990	76,152	201,788	49,003	20,045	132,740	0.47
2001/02	145,580	35,456	49,003	230,039	76,188	24,972	128,879	0.45
2002/03	78,444	41,672	76,188	196,304	28,704	30,523	137,078	0.47
2003/04	116,968	62,719	28,704	208,392	41,177	34,169	133,046	0.46
2004/05	82,552	81,150	41,177	204,879	29,190	30,565	145,124	0.49
2005/06	125,251	75,403	29,190	229,845	59,588	38,181	132,075	0.44
2006/07	91,394	56,998	59,588	207,980	30,573	44,105	133,303	0.44
2007/08	180,255	79,853	30,573	290,681	85,438	71,319	133,924	0.44
2008/09	98,211	61,855	85,438	245,503	42,225	52,652	150,627	0.49
2009/10	131,982	83,178	42,225	257,385	39,960	70,502	146,923	0.48
2010/11	140,407	88,457	39,960	268,824	42,817	61,479	164,528	0.53
2011/12	124,601	74,610	42,817	242,028	53,922	74,113	113,993	0.36
2012/13	140,775	79,347	53,922	274,044	48,106	91,274	134,664	0.43
2013/14	130,768	92,493	48,106	271,367	78,133	81,408	111,826	0.35
2014/15	128,112	103,964	78,133	310,210	54,323	99,944	155,943	0.49
2015/16	104,513	113,712	54,323	272,548	55,633	79,731	137,184	0.43
2016/17	127,935	132,637	55,633	316,205	69,489	103,655	143,062	0.44
2017/18	141,146	137,100	69,489	347,734	80,081	113,472	154,182	0.47
2018/19 P	104,460	163,000	80,081	347,541	82,000	91,000	174,541	0.53

P = Preliminary. ¹ Conversion factors from in-shell to shelled basis vary year to year for production, stocks, and exports, and were 0.48 in 2010/11, 0.46 in 2011/12,

0.47 for 2012/13, 0.49 in 2013/14, 0.48 in 2014/15, 0.41 in 2015/16, 0.48 in 2016/17, 0.46 in 2017/18, and 0.43 in 2018/19. For imports, the conversion factor was a constant 0.50.

² Season begins in October as of 1989, prior to 1989 season began in July.

Source: USDA, Economic Research Service calculations.

Table F-15--Pistachios: Production (in-shell), season-average grower price, and value, California, 1980 to date

Year	Bearing acreage	Yield/acre	Production	Grower price	Value
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents/pound</i>	<i>\$1,000</i>
1980	27,000	996	26,900	205.0	55,145
1981	28,100	516	14,500	136.0	19,759
1982	29,900	1,470	44,000	149.0	65,560
1983	31,100	849	26,400	141.0	37,224
1984	30,800	2,050	63,100	97.6	61,586
1985	32,300	839	27,100	137.0	37,127
1986	34,200	2,190	74,900	112.0	83,888
1987	41,000	807	33,100	137.0	45,347
1988	47,200	1,990	94,000	122.0	114,680
1989	50,900	766	39,000	163.0	63,570
1990	53,700	2,230	120,000	102.0	122,400
1991	55,700	1,380	77,000	125.0	96,250
1992	56,500	2,600	147,000	103.0	151,410
1993	57,000	2,670	152,000	107.0	162,640
1994	57,500	2,240	129,000	92.1	118,809
1995	60,300	2,450	148,000	109.0	161,320
1996	64,300	1,630	105,000	116.0	121,800
1997	65,400	2,750	180,000	113.0	203,400
1998	68,000	2,760	188,000	103.0	193,640
1999	71,000	1,730	123,000	133.0	163,590
2000	74,600	3,260	243,000	101.0	245,430
2001	78,000	2,060	161,000	101.0	162,610
2002	83,000	3,650	303,000	110.0	333,300
2003	88,000	1,350	119,000	122.0	145,180
2004	93,000	3,730	347,000	134.0	464,980
2005	105,000	2,700	283,000	205.0	580,150
2006	112,000	2,130	238,000	189.0	449,820
2007	115,000	3,620	416,000	141.0	586,560
2008	118,000	2,360	278,000	205.0	569,900
2009	126,000	2,820	355,000	167.0	592,850
2010	137,000	3,810	522,000	222.0	1,158,840
2011	153,000	2,900	444,000	198.0	879,120
2012	182,000	3,030	551,000	261.0	1,438,110
2013	203,000	2,320	470,000	348.0	1,635,600
2014	221,000	2,330	514,000	357.0	1,834,980
2015	233,000	1,160	270,000	329.0	888,300
2016	239,000	3,750	896,500	168.0	1,506,120
2017	250,000	2,400	600,300	169.0	1,014,507
2018	264,000	3,740	987,000	265.0	2,615,550

Source: USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table F-16--Pistachios: Supply and utilization (shelled basis), 1980/81 to date ¹

Season ²	Utilized production	Loss and exempt ³	Marketable production	Imports	Beginning stocks	Total supply	Ending stocks	Exports	Utilization	
									Domestic	Per capita
----- 1,000 pounds -----										Pounds
1980/81	11,675	--	11,672	1,175	5,000	17,847	5,135	1,840	10,872	0.05
1981/82	5,887	--	5,888	1,817	5,135	12,840	2,061	1,480	9,298	0.04
1982/83	16,984	--	16,986	2,819	2,061	21,866	6,581	3,247	12,037	0.05
1983/84	11,114	--	11,115	6,683	6,581	24,378	4,977	1,815	17,587	0.07
1984/85	27,512	--	27,507	7,284	4,977	39,768	11,256	2,758	25,753	0.11
1985/86	11,518	--	11,518	14,875	11,256	37,649	7,362	1,658	28,628	0.12
1986/87	31,009	4	31,005	5,357	7,362	43,724	15,005	2,183	26,536	0.11
1987/88	14,597	18	14,579	2,166	15,005	31,750	5,487	3,469	22,794	0.09
1988/89	45,684	932	44,752	854	5,487	51,093	14,897	6,442	29,754	0.12
1989/90	18,213	184	18,029	2,124	14,897	35,051	10,045	5,519	19,487	0.08
1990/91	42,047	0	42,047	853	10,045	52,945	16,864	8,682	27,399	0.11
1991/92	25,667	190	25,476	250	16,864	42,590	6,072	15,413	21,104	0.08
1992/93	65,585	223	65,362	396	6,072	71,830	17,595	27,763	26,471	0.10
1993/94	62,359	448	61,911	494	17,595	80,000	25,672	21,066	33,262	0.13
1994/95	51,375	125	51,250	732	25,672	77,654	16,825	25,275	35,554	0.13
1995/96	64,681	5,177	59,504	422	16,825	76,751	13,795	31,540	31,417	0.12
1996/97	40,425	0	40,425	944	13,795	55,163	7,696	25,235	22,233	0.08
1997/98	74,930	0	74,930	417	7,696	83,043	9,742	36,152	37,148	0.14
1998/99	78,208	0	78,208	549	9,742	88,499	21,264	25,793	41,443	0.15
1999/00	58,083	0	58,083	297	21,264	79,644	10,462	19,803	49,378	0.18
2000/01	114,164	0	114,164	920	10,462	125,547	33,329	32,641	59,577	0.21
2001/02	80,733	0	80,733	532	33,329	114,594	12,425	44,744	57,426	0.20
2002/03	149,513	0	149,513	764	12,425	162,702	56,180	44,449	62,073	0.21
2003/04	56,217	0	56,217	1,459	56,180	113,857	22,941	35,551	55,365	0.19
2004/05	170,515	0	170,515	798	22,941	194,254	42,317	74,550	77,387	0.26
2005/06	139,003	0	139,003	912	42,317	182,233	67,147	69,332	45,754	0.15
2006/07	119,000	0	119,000	1,388	67,147	187,535	56,629	80,061	50,845	0.17
2007/08	206,998	0	206,998	943	56,629	264,569	67,304	128,494	68,771	0.23
2008/09	135,392	0	135,392	941	67,304	203,637	32,922	139,797	30,918	0.10
2009/10	174,769	0	174,769	1,294	32,922	208,986	21,213	133,177	54,596	0.18
2010/11	250,125	0	250,125	550	21,213	271,887	72,472	145,884	53,531	0.17
2011/12	222,000	0	222,000	920	72,472	295,392	45,331	172,788	77,273	0.25
2012/13	278,255	0	278,255	1,198	45,331	324,784	55,102	185,858	83,824	0.27
2013/14	234,484	0	234,484	542	55,102	290,128	38,471	194,980	56,677	0.18
2014/15	246,332	0	246,332	910	38,471	285,714	79,032	139,538	67,144	0.21
2015/16	134,593	0	134,593	1,151	79,032	214,776	51,133	90,456	73,188	0.23
2016/17	446,299	0	446,299	1,363	51,133	498,795	126,769	231,847	140,179	0.43
2017/18	226,915	0	226,915	1,585	126,769	355,269	39,548	178,953	136,768	0.42
2018/19 P	487,457	0	487,457	1,284	39,548	528,289	65,247	303,516	159,526	0.49

-- = Negligible amounts. P = Preliminary. ¹ Conversion factor from in-shell to shelled basis vary year to year for production, stocks, and exports and were 0.48 in 2010/11,

0.50 in 2011/12, 0.51 in 2012/13, and 0.50 in 2013/14, 0.48 in 2014/15, 0.50 in 2015/16 and 2016/17, 0.38 in 2017/18, and 0.49 in 2018/19. For imports, the conversion factor was a constant 0.40.

³ Utilized production minus marketable production.

Source: USDA, Economic Research Service calculations.

Table F-17--Walnuts (English): Production (in-shell), season-average grower price, and value, California, 1980 to date

Year	Bearing acreage	Yield/acre	Production	Grower price	Value
	<i>Acres</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Dollars/ton</i>	<i>1,000 dollars</i>
1980	179,900	1.10	197,000	936	184,392
1981	175,100	1.29	225,000	1,014	228,150
1982	178,000	1.31	234,000	1,020	238,680
1983	176,000	1.13	199,000	631	125,569
1984	178,000	1.20	213,000	730	155,490
1985	179,000	1.22	219,000	798	174,762
1986	180,000	1.00	180,000	1,080	194,400
1987	176,000	1.40	247,000	984	243,048
1988	177,000	1.18	209,000	922	192,698
1989	179,000	1.28	229,000	1,070	245,030
1990	181,000	1.25	227,000	1,040	236,080
1991	181,000	1.43	259,000	1,060	274,540
1992	178,000	1.14	203,000	1,410	286,230
1993	185,000	1.41	260,000	1,390	361,400
1994	189,000	1.23	232,000	1,030	238,960
1995	193,000	1.21	234,000	1,400	327,600
1996	192,000	1.08	208,000	1,580	328,640
1997	193,000	1.39	269,000	1,430	384,670
1998	198,000	1.15	227,000	1,050	238,350
1999	197,000	1.44	283,000	886	250,738
2000	200,000	1.20	239,000	1,240	296,360
2001	204,000	1.50	305,000	1,120	341,600
2002	210,000	1.34	282,000	1,170	329,940
2003	213,000	1.53	326,000	1,160	378,160
2004	214,000	1.52	325,000	1,390	451,750
2005	215,000	1.65	355,000	1,570	557,350
2006	216,000	1.60	346,000	1,630	563,980
2007	218,000	1.50	328,000	2,290	751,120
2008	230,000	1.90	436,000	1,280	558,080
2009	240,000	1.82	437,000	1,710	747,270
2010	255,000	1.98	504,000	2,040	1,028,160
2011	265,000	1.74	461,000	2,900	1,336,900
2012	270,000	1.84	497,000	3,030	1,505,910
2013	280,000	1.76	492,000	3,710	1,825,320
2014	290,000	1.97	571,000	3,340	1,907,140
2015	300,000	2.02	606,000	1,670	1,012,020
2016	315,000	2.19	689,000	1,850	1,274,650
2017	335,000	1.88	630,000	2,490	1,568,700
2018	350,000	1.93	676,000	1,300	878,800

Source: USDA, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Summary*, various issues.

Table F-18--Walnuts: Supply and utilization (shelled basis), 1980/81 to date ¹

Season ²	Loss				Utilization						
	Utilized production	and exempt ³	Marketable production	Imports	Beginning stocks	Total supply	Ending stocks	Exports	Domestic	Per capita	
----- 1,000 pounds -----											Pounds
1980/81	146,620	744	145,876	9	40,281	186,166	30,291	42,446	113,429	0.50	
1981/82	180,494	802	179,691	9	30,291	209,991	37,998	52,098	119,895	0.52	
1982/83	181,900	777	181,123	299	37,998	219,420	71,247	38,831	109,341	0.47	
1983/84	144,187	3,014	141,173	77	71,247	212,497	56,422	34,619	121,457	0.52	
1984/85	134,251	630	133,621	315	56,422	190,358	42,275	34,459	113,624	0.48	
1985/86	167,646	766	166,881	128	42,275	209,283	52,169	41,742	115,373	0.48	
1986/87	141,687	787	140,899	2,655	52,169	195,723	28,343	49,300	118,080	0.49	
1987/88	204,108	826	203,281	470	28,343	232,094	59,931	59,029	113,134	0.46	
1988/89	173,171	829	172,343	184	59,931	232,458	48,279	60,845	123,334	0.50	
1989/90	196,546	858	195,687	141	48,279	244,108	54,197	77,898	112,013	0.45	
1990/91	181,600	800	180,800	95	54,197	235,092	48,736	72,507	113,848	0.45	
1991/92	211,251	816	210,436	72	48,736	259,244	55,689	88,244	115,312	0.45	
1992/93	168,940	832	168,107	8,045	55,689	231,841	37,201	75,038	119,602	0.46	
1993/94	216,884	834	216,050	1,191	37,201	254,442	72,992	83,311	98,139	0.38	
1994/95	200,795	865	199,930	704	72,992	273,626	56,940	99,624	117,062	0.44	
1995/96	197,786	845	196,940	2,308	56,940	256,188	55,269	98,275	102,644	0.38	
1996/97	170,444	819	169,625	5,805	55,269	230,700	40,346	102,724	87,629	0.32	
1997/98	221,365	823	220,542	282	40,346	261,170	67,609	94,125	99,435	0.36	
1998/99	187,862	828	187,034	156	67,609	254,800	59,448	90,920	104,431	0.38	
1999/2000	237,884	841	237,043	181	59,448	296,673	63,393	91,279	142,002	0.51	
2000/01	204,857	857	204,000	359	63,393	267,751	46,218	97,083	124,450	0.44	
2001/02	257,556	844	256,711	200	46,218	303,128	80,004	103,420	119,704	0.42	
2002/03	243,963	865	243,098	193	80,004	323,294	57,505	113,966	151,824	0.52	
2003/04	279,429	857	278,571	412	57,505	336,488	63,210	126,356	146,922	0.50	
2004/05	282,360	869	281,491	729	63,210	345,430	52,577	137,908	154,944	0.53	
2005/06	315,989	890	315,099	1,050	52,577	368,726	39,288	205,380	124,058	0.42	
2006/07	296,931	858	296,073	2,257	39,288	337,618	19,687	156,355	161,576	0.54	
2007/08	280,427	855	279,573	8,712	19,687	307,972	19,885	144,673	143,414	0.47	
2008/09	396,364	909	395,455	2,063	19,885	417,402	52,553	220,074	144,776	0.47	
2009/10	387,870	888	386,982	3,378	52,553	442,913	37,321	235,463	170,129	0.55	
2010/11	441,521	876	440,645	494	37,321	478,459	35,859	303,214	139,386	0.45	
2011/12	400,631	869	399,762	4,848	35,859	440,469	42,740	266,439	131,290	0.42	
2012/13	442,099	890	441,209	8,417	42,740	492,367	40,749	304,292	147,326	0.47	
2013/14	437,651	890	436,762	11,910	40,749	489,420	34,325	307,371	147,724	0.47	
2014/15	506,052	886	505,166	21,166	34,325	560,658	73,992	355,701	130,964	0.41	
2015/16	526,957	870	526,087	10,782	73,992	610,861	56,571	427,263	127,026	0.39	
2016/17	608,431	883	607,548	15,731	56,571	679,850	49,372	446,957	183,521	0.57	
2017/18	557,143	884	556,259	12,740	49,372	618,370	56,046	399,382	162,943	0.50	
2018/19 P	596,725	883	595,842	2,556	56,046	654,444	58,500	418,850	177,093	0.54	

P = Preliminary. ¹ Conversion factors from in-shell to shelled basis vary year to year for production, stocks, and exports, and were 0.44 in 2010/11,

0.43 in 2011/12, 0.44 in 2012/13 through 2014/15, 0.43 in 2015/16, and 0.44 in 2016/17 through 2018/19. For imports, the conversion factor was a constant 0.35.

² Season began in August through 2007/08. As of 2008/09, season begins September 1. ³Inedibles and noncommercial usage.

Source: USDA, Economic Research Service calculations.

Table G-1--Fresh apples: Supply and utilization, 1980/81 to date

Season ¹	Supply			Utilization		Per capita use
	Utilized production	Imports	Total supply	Exports	Domestic	
	----- Million pounds -----					Pounds
1980/81	4,934.1	177.2	5,111.3	697.4	4,395.3	19.20
1981/82	4,442.2	149.7	4,591.9	682.7	3,894.8	16.85
1982/83	4,536.7	197.5	4,734.2	629.7	4,091.9	17.54
1983/84	4,620.5	233.5	4,854.0	544.2	4,300.3	18.27
1984/85	4,654.6	241.9	4,896.5	528.3	4,358.3	18.35
1985/86	4,221.7	314.6	4,536.3	390.2	4,136.2	17.26
1986/87	4,463.6	310.2	4,773.8	445.7	4,314.0	17.84
1987/88	5,610.1	262.8	5,872.9	780.7	5,081.9	20.83
1988/89	5,230.3	256.3	5,486.6	602.5	4,884.1	19.84
1989/90	5,822.3	228.0	6,050.3	773.9	5,276.3	21.22
1990/91	5,515.0	229.7	5,744.7	818.0	4,926.7	19.58
1991/92	5,447.0	303.0	5,750.0	1,132.0	4,618.0	18.11
1992/93	5,767.0	259.4	6,026.4	1,082.2	4,944.2	19.14
1993/94	6,124.6	238.9	6,363.5	1,390.6	4,972.9	19.01
1994/95	6,368.8	286.9	6,655.7	1,526.7	5,129.0	19.37
1995/96	5,840.2	383.4	6,223.6	1,217.2	5,006.4	18.69
1996/97	6,206.9	373.3	6,580.2	1,518.3	5,061.9	18.67
1997/98	5,814.5	356.4	6,170.9	1,209.1	4,961.8	18.09
1998/99	6,412.5	344.2	6,756.7	1,487.8	5,268.9	18.98
1999/2000	5,995.7	377.5	6,373.2	1,175.2	5,198.1	18.50
2000/01	6,265.5	358.9	6,624.4	1,667.1	4,957.3	17.46
2001/02	5,467.5	361.4	5,828.9	1,353.1	4,475.8	15.61
2002/03	5,366.0	412.4	5,778.4	1,144.9	4,633.5	16.00
2003/04	5,453.3	472.7	5,926.0	986.3	4,939.7	16.91
2004/05	6,619.0	262.8	6,881.8	1,339.0	5,542.8	18.79
2005/06	6,096.9	348.8	6,445.7	1,488.4	4,957.3	16.66
2006/07	6,308.5	427.9	6,736.4	1,407.3	5,329.1	17.73
2007/08	6,077.3	381.2	6,458.5	1,484.1	4,974.4	16.39
2008/09	6,265.9	363.8	6,629.7	1,767.6	4,862.1	15.88
2009/10	6,296.4	401.8	6,698.2	1,695.9	5,002.3	16.20
2010/11	6,248.8	328.7	6,577.5	1,823.1	4,754.3	15.31
2011/12	6,312.9	381.1	6,694.0	1,854.9	4,839.0	15.47
2012/13	6,594.9	430.2	7,025.1	1,969.2	5,055.9	16.05
2013/14	6,918.7	470.0	7,388.7	1,858.6	5,530.1	17.43
2014/15	7,909.0	360.1	8,269.1	2,286.2	5,983.0	18.71
2015/16	6,928.1	414.6	7,342.7	1,715.2	5,627.5	17.48
2016/17	7,745.1	377.1	8,122.2	1,912.5	6,209.6	19.15
2017/18	7,815.8	296.1	8,111.9	2,220.7	5,891.3	18.06
2018/19	6,865.1	322.7	7,187.8	1,636.4	5,551.4	16.91

¹ Season begins in August.

Source: USDA, Economic Research Service calculations.

Table G-2--Fresh apricots: Supply and utilization, 1980/81 to date

Calendar year	Supply			Utilization		Per capita use
	Utilized production	Imports	Total supply	Exports	Domestic	
	----- Million pounds -----					Pounds
1980	26.3	0.1	26.4	3.3	23.1	0.10
1981	24.5	0.1	24.6	2.5	22.1	0.10
1982	21.6	0.3	21.9	3.2	18.7	0.08
1983	19.5	1.5	21.0	2.7	18.3	0.08
1984	30.8	0.6	31.4	1.8	29.6	0.13
1985	38.7	1.4	40.1	1.8	38.3	0.16
1986	20.7	3.1	23.8	0.8	23.0	0.10
1987	31.9	3.0	34.9	16.1	18.8	0.08
1988	36.4	2.9	39.3	0.0	39.3	0.16
1989	31.5	1.8	33.3	11.0	22.2	0.09
1990	47.5	2.2	49.7	10.3	39.4	0.16
1991	40.3	2.7	43.0	10.8	32.2	0.13
1992	46.4	2.8	49.2	10.3	38.8	0.15
1993	42.8	2.2	45.1	11.5	33.6	0.13
1994	53.5	2.5	55.9	17.3	38.7	0.15
1995	32.8	3.0	35.8	9.3	26.6	0.10
1996	27.0	3.9	30.8	7.1	23.8	0.09
1997	53.7	1.8	55.5	16.0	39.5	0.14
1998	45.8	2.8	48.5	14.6	34.0	0.12
1999	51.6	2.2	53.8	19.7	34.1	0.12
2000	53.2	3.5	56.7	13.5	43.2	0.15
2001	36.5	4.0	40.5	17.1	23.4	0.08
2002	36.6	5.8	42.4	17.0	25.4	0.09
2003	52.5	4.3	56.8	19.0	37.8	0.13
2004	47.3	3.8	51.1	14.8	36.4	0.12
2005	47.3	4.2	51.5	12.5	39.0	0.13
2006	27.5	5.5	33.0	8.3	24.7	0.08
2007	58.5	3.8	62.4	15.6	46.8	0.16
2008	51.5	5.3	56.8	16.5	40.3	0.13
2009	50.3	2.4	52.8	10.8	42.0	0.14
2010	47.0	3.4	50.5	12.3	38.2	0.12
2011	48.0	3.1	51.1	12.4	38.7	0.12
2012	46.3	2.5	48.7	16.5	32.3	0.10
2013	50.5	1.1	51.6	17.1	34.5	0.11
2014	51.6	1.2	52.8	15.2	37.6	0.12
2015	38.2	0.8	39.0	12.3	26.7	0.08
2016	57.0	2.0	59.0	15.5	43.5	0.13
2017	44.6	1.4	46.0	17.2	28.9	0.09
2018	47.7	1.9	49.7	9.7	39.9	0.12

Source: USDA, Economic Research Service calculations.

Table G-3--Fresh avocados: Supply and utilization, 1980/81 to date

Season ¹	Supply			Utilization		Per capita use
	Utilized production	Imports ²	Total supply	Exports ²	Domestic	
	----- Million pounds -----					Pounds
1980/81	527.6	1.9	529.5	50.7	478.8	2.08
1981/82	383.4	1.5	384.9	24.9	360.0	1.55
1982/83	458.0	3.4	461.4	28.9	432.5	1.85
1983/84	553.0	7.3	560.3	41.9	518.4	2.19
1984/85	457.0	3.7	460.7	24.1	436.6	1.83
1985/86	369.4	15.8	385.2	22.6	362.6	1.51
1986/87	614.0	4.0	618.0	47.2	570.8	2.35
1987/88	414.0	12.5	426.5	38.8	387.7	1.58
1988/89	397.0	10.3	407.3	21.6	385.7	1.56
1989/90	249.2	29.5	278.7	10.9	267.8	1.07
1990/91	328.6	37.6	366.2	10.1	356.1	1.41
1991/92	326.4	53.2	379.6	13.8	365.8	1.43
1992/93	576.8	18.1	594.9	33.7	561.2	2.16
1993/94	318.0	52.8	370.8	21.3	349.5	1.33
1994/95	348.0	41.0	389.0	28.9	360.1	1.35
1995/96	389.0	56.0	445.0	20.6	424.5	1.58
1996/97	382.0	58.8	440.8	9.2	431.6	1.58
1997/98	354.0	133.7	487.7	10.3	477.4	1.73
1998/99	316.6	121.7	438.3	13.9	424.4	1.52
1999/00	374.6	173.3	548.0	5.5	542.5	1.92
2000/01	478.6	162.1	640.8	3.9	636.8	2.23
2001/02	446.6	262.4	709.0	4.1	704.9	2.45
2002/03	398.7	311.1	709.8	2.7	707.2	2.43
2003/04	466.8	320.3	787.1	3.5	783.6	2.67
2004/05	358.7	582.5	941.2	2.9	938.3	3.17
2005/06	624.8	424.8	1,049.6	14.5	1,035.1	3.46
2006/07	293.0	769.1	1,062.1	4.9	1,057.2	3.50
2007/08	386.2	694.1	1,080.3	13.6	1,066.6	3.50
2008/09	231.9	951.8	1,183.7	5.4	1,178.3	3.83
2009/10	597.0	760.6	1,357.7	40.8	1,316.9	4.25
2010/11	348.7	915.6	1,264.3	16.2	1,248.1	4.00
2011/12	525.9	1,108.0	1,633.9	30.4	1,603.5	5.10
2012/13 ³	566.0	1,260.7	1,826.7	49.5	1,777.2	5.62
2013/14	365.8	1,607.5	1,973.4	25.3	1,948.1	6.11
2014/15	345.9	1,912.3	2,258.1	18.4	2,239.7	6.98
2015/16	457.9	1,895.1	2,353.0	28.0	2,325.0	7.19
2016/17	265.4	1,984.6	2,250.0	16.7	2,233.3	6.86
2017/18	370.7	2,288.6	2,659.3	37.3	2,622.0	8.01
2018/19 P	364.0	2,300.0	2,664.0	17.4	2,646.6	8.03

P = Preliminary. ¹ Beginning in 2002/03, marketing season for California runs from November of the first year shown to October of the following year, and Florida marketings run from June of the first year mentioned through the following March. In prior years, marketing season in California lasted more than a 12-month period running from November of the first year shown to November of the following year, and Florida marketings ran from June of the second year mentioned through the following March.

² Imports and exports are on a calendar year. ³ In the absence of 2012/13 U.S. production data from USDA, National Agricultural Statistics Service, ERS used production data derived from production estimates from the California Avocado Commission and the Florida Avocado Administrative Committee.

Source: USDA, Economic Research Service calculations.

Table G-4--Fresh bananas: Supply and utilization, 1980 to date

Calendar year	Supply			Utilization		Per capita Use
	Utilized production	Imports ¹	Total supply	Exports	Domestic	
	----- Million pounds -----					Pounds
1980	4.6	4,733.4	4,738.0	8.2	4,729.8	20.77
1981	6.0	4,941.6	4,947.6	7.0	4,940.6	21.48
1982	5.8	5,233.8	5,239.6	6.0	5,233.6	22.54
1983	4.5	4,976.6	4,981.1	1.0	4,980.1	21.25
1984	8.9	5,235.3	5,244.2	1.9	5,242.3	22.18
1985	8.2	5,593.4	5,601.6	2.0	5,599.6	23.48
1986	9.7	6,207.5	6,217.2	2.8	6,214.4	25.82
1987	11.4	6,069.2	6,080.6	6.2	6,074.4	25.02
1988	13.2	5,938.5	5,951.7	0.7	5,951.0	24.29
1989	11.9	6,101.8	6,113.7	1.1	6,112.6	24.71
1990	11.3	6,077.7	6,089.0	0.0	6,089.0	24.36
1991	11.4	6,333.8	6,345.2	0.0	6,345.2	25.05
1992	12.0	6,949.7	6,961.7	0.0	6,961.7	27.12
1993	11.7	6,906.1	6,917.8	0.0	6,917.8	26.60
1994	13.7	7,299.0	7,312.7	0.0	7,312.7	27.78
1995	13.0	7,200.8	7,213.8	0.0	7,213.8	27.08
1996	13.0	7,425.7	7,438.7	0.0	7,438.7	27.60
1997	13.7	7,394.0	7,407.7	0.0	7,407.7	27.16
1998	21.0	7,709.1	7,730.1	0.0	7,730.1	28.01
1999	24.5	8,545.8	8,570.3	0.0	8,570.3	30.70
2000	29.0	8,003.8	8,032.8	0.0	8,032.8	28.45
2001	28.0	7,570.1	7,598.1	0.0	7,598.1	26.63
2002	20.0	7,694.5	7,714.5	0.0	7,714.5	26.78
2003	22.5	7,589.2	7,611.7	0.0	7,611.7	26.17
2004	16.5	7,549.1	7,565.6	0.0	7,565.6	25.78
2005	20.9	7,437.0	7,457.9	0.0	7,457.9	25.18
2006	22.0	7,484.6	7,506.6	0.0	7,506.6	25.11
2007	25.6	7,811.6	7,837.2	0.0	7,837.2	25.95
2008	17.4	7,613.4	7,630.8	0.0	7,630.8	25.04
2009	18.5	6,748.4	6,766.9	0.0	6,766.9	22.01
2010	17.8	7,915.9	7,933.7	0.0	7,933.7	25.61
2011	17.4	7,952.5	7,969.9	0.0	7,969.9	25.54
2012 ²	na	8,481.6	8,481.6	29.6	8,452.0	26.90
2013	14.5	8,871.9	8,886.4	32.5	8,853.9	27.99
2014	12.0	8,900.0	8,912.0	35.6	8,876.4	27.86
2015	9.1	8,992.2	9,001.2	38.8	8,962.4	27.92
2016	5.6	8,902.3	8,907.9	39.7	8,868.2	27.43
2017	6.6	9,335.3	9,341.9	39.3	9,302.6	28.59
2018	d	9,278.4	9,278.4	39.7	9,238.7	28.22

na = not available. d = discontinued.

¹ Imports are net of re-exports. ² In the absence of 2012 domestic production data from USDA, National Agricultural Statistics Service, ERS per capita use estimate based solely on U.S. trade data from U.S. Department of Commerce, U.S. Census Bureau.

Source: USDA, Economic Research Service calculations.

Table G-5--Fresh blueberries: Supply and utilization, 1980 to date

Calendar year	Supply			Utilization		Per capita use
	Utilized production	Imports ¹	Total supply	Exports	Domestic	
			----- Million pounds -----			Pounds
1980	43.2	4.4	47.6	7.7	39.9	0.18
1981	44.2	4.6	48.7	11.5	37.2	0.16
1982	43.4	9.2	52.7	16.1	36.6	0.16
1983	40.4	8.4	48.8	16.9	31.8	0.14
1984	57.1	9.0	66.1	9.1	57.0	0.24
1985	56.8	11.9	68.6	9.1	59.6	0.25
1986	53.8	10.7	64.5	18.3	46.2	0.19
1987	52.4	16.9	69.3	22.9	46.4	0.19
1988	45.9	25.7	71.6	10.4	61.1	0.25
1989	56.9	13.8	70.7	13.8	56.9	0.23
1990	51.3	16.8	68.2	41.3	26.8	0.11
1991	50.3	20.8	71.2	28.9	42.3	0.17
1992	45.5	20.4	65.9	14.5	51.5	0.20
1993	69.9	17.5	87.4	19.0	68.5	0.26
1994	68.4	19.1	87.5	17.7	69.9	0.27
1995	75.1	19.5	94.5	9.0	85.6	0.32
1996	62.6	17.8	80.4	7.3	73.2	0.27
1997	69.6	17.3	86.8	7.1	79.7	0.29
1998	75.5	19.3	94.8	6.2	88.5	0.32
1999	77.8	32.0	109.8	22.7	87.1	0.31
2000	79.5	36.6	116.1	43.0	73.1	0.26
2001	88.6	49.4	138.0	40.5	97.5	0.34
2002	100.9	46.5	147.4	35.1	112.3	0.39
2003	104.0	51.2	155.2	43.8	111.4	0.38
2004	124.9	63.7	188.6	33.5	155.1	0.53
2005	123.5	58.1	181.6	49.8	131.8	0.44
2006	147.3	71.9	219.2	50.6	168.5	0.56
2007	150.3	77.4	227.7	50.6	177.0	0.59
2008	194.1	114.9	309.0	64.2	244.8	0.80
2009	225.7	133.3	358.9	64.3	294.6	0.96
2010	246.9	169.2	416.2	69.3	346.9	1.12
2011	287.9	192.5	480.4	78.4	402.1	1.29
2012	277.3	213.0	490.3	72.9	417.5	1.33
2013	301.3	227.8	529.1	83.2	445.9	1.41
2014	324.2	234.6	558.8	76.1	482.7	1.51
2015	305.3	270.2	575.6	63.2	512.4	1.60
2016	315.0	328.3	643.3	69.0	574.3	1.78
2017	304.5	320.1	624.6	58.7	565.9	1.74
2018	305.9	394.8	700.7	46.5	654.2	2.00

¹ Beginning in 1993, includes wild blueberry fresh-market production.

Source: USDA, Economic Research Service calculations.

Table G-6--Fresh grapes: Supply and utilization, 1980/81 to date

Season ¹	Supply		Utilization		Per capita use
	Utilized production	Imports	Total supply	Exports	Domestic
	----- Million pounds -----				Pounds
1980/81	1,138.2	123.5	1,261.7	352.8	908.9
1981/82	1,053.0	201.5	1,254.5	317.5	937.0
1982/83	1,412.8	279.5	1,692.3	357.8	1,334.5
1983/84	1,342.2	320.8	1,663.0	346.4	1,316.6
1984/85	1,353.8	427.2	1,781.0	335.5	1,445.5
1985/86	1,562.8	463.6	2,026.4	386.4	1,640.0
1986/87	1,558.8	540.6	2,099.4	382.6	1,716.8
1987/88	1,432.4	682.4	2,114.8	395.5	1,719.3
1988/89	1,662.6	652.3	2,314.9	419.2	1,895.8
1989/90	1,574.5	799.5	2,374.0	400.5	1,973.5
1990/91	1,698.0	728.5	2,426.5	458.5	1,968.0
1991/92	1,600.8	690.2	2,291.0	438.6	1,852.4
1992/93	1,538.1	714.1	2,252.3	412.6	1,839.7
1993/94	1,601.0	680.7	2,281.7	455.3	1,826.5
1994/95	1,617.1	719.1	2,336.2	474.2	1,861.9
1995/96	1,705.2	792.6	2,497.8	500.2	1,997.5
1996/97	1,534.1	746.5	2,280.6	457.1	1,823.5
1997/98	1,874.2	862.2	2,736.4	606.6	2,129.8
1998/99	1,561.6	874.6	2,436.2	446.1	1,990.1
1999/2000	1,774.3	993.7	2,768.1	530.0	2,238.1
2000/01	1,813.7	954.9	2,768.6	655.7	2,112.9
2001/02	1,728.7	1,043.5	2,772.2	656.4	2,115.7
2002/03	1,964.7	1,174.4	3,139.1	702.4	2,436.6
2003/04	1,610.9	1,258.7	2,869.6	632.2	2,237.4
2004/05	1,765.2	1,225.7	2,990.8	691.5	2,299.4
2005/06	1,991.2	1,406.0	3,397.2	838.3	2,558.9
2006/07	1,595.2	1,291.2	2,886.4	604.3	2,282.1
2007/08	1,840.7	1,255.1	3,095.8	663.4	2,432.3
2008/09	1,890.1	1,379.2	3,269.3	739.5	2,529.8
2009/10	1,797.9	1,230.8	3,028.7	662.5	2,366.2
2010/11	1,906.6	1,278.8	3,185.4	720.3	2,465.0
2011/12	1,889.5	1,175.3	3,064.8	762.6	2,302.2
2012/13	1,926.0	1,250.6	3,176.6	786.6	2,390.0
2013/14	2,233.9	1,145.1	3,379.0	916.5	2,462.5
2014/15	2,106.1	1,205.3	3,311.4	858.1	2,453.3
2015/16	2,087.9	1,169.3	3,257.2	723.0	2,534.2
2016/17	2,079.9	1,307.0	3,386.9	764.7	2,622.2
2017/18	2,060.6	1,363.2	3,423.8	740.1	2,683.7
2018/19	2,197.8	1,257.2	3,455.0	810.2	2,644.8

¹ Season beginning May from 1990/91 to date. A July-June marketing season used prior to 1990/91.

Source: USDA, Economic Research Service calculations.

Table G-7--Fresh kiwifruit: Supply and utilization, 1988 to date

Year ¹	Supply			Utilization		Per capita use
	Production	Imports	Total supply	Exports	Domestic	
	----- Million pounds -----					Pounds
1988/89	59.0	43.5	102.5	18.3	84.2	0.34
1989/90	74.0	66.7	140.7	22.6	118.1	0.48
1990/91	68.0	69.0	137.0	17.0	120.1	0.48
1991/92	53.6	44.5	98.1	16.5	81.6	0.32
1992/93	95.4	54.7	150.1	18.4	131.6	0.51
1993/94	89.2	64.7	153.9	19.3	134.6	0.52
1994/95	75.0	80.6	155.6	21.0	134.6	0.51
1995/96	65.0	82.2	147.2	11.7	135.5	0.51
1996/97	52.2	83.1	135.3	12.0	123.3	0.46
1997/98	62.6	92.6	155.2	12.5	142.6	0.52
1998/99	64.0	97.8	161.8	15.7	146.2	0.53
1999/2000	46.2	110.1	156.3	12.1	144.2	0.52
2000/01	57.0	114.7	171.7	12.4	159.3	0.56
2001/02	44.4	93.6	138.0	12.0	126.0	0.44
2002/03	44.6	78.1	122.7	14.0	108.8	0.38
2003/04	44.0	83.3	127.3	16.9	110.4	0.38
2004/05	45.0	89.9	134.9	15.5	119.4	0.41
2005/06	68.4	87.8	156.2	24.0	132.2	0.45
2006/07	46.8	112.9	159.7	19.4	140.3	0.47
2007/08	43.4	105.4	148.8	16.6	132.2	0.44
2008/09	40.2	115.1	155.3	13.9	141.4	0.46
2009/10	45.2	123.6	168.8	14.5	154.2	0.50
2010/11	59.6	113.8	173.4	19.9	153.5	0.50
2011/12	66.6	135.9	202.5	22.4	180.1	0.58
2012/13	53.2	136.5	189.7	18.4	171.3	0.55
2013/14	49.2	118.8	168.0	23.6	144.4	0.46
2014/15	50.6	146.6	197.2	20.2	177.0	0.56
2015/16	41.8	176.1	217.9	15.2	202.7	0.63
2016/17	56.6	153.2	209.8	23.2	186.6	0.58
2017/18	66.4	153.0	219.4	22.4	197.1	0.61
2018/19 P	75.6	153.5	229.1	20.4	208.7	0.64

P = Preliminary. ¹ Marketing year begins in October of the first year.

Source: USDA, Economic Research Service calculations.

Table G-8--Fresh mangoes: Supply and utilization, 1980 to date

Year	Supply			Utilization		Per capita use
	Utilized production	Imports ¹	Total supply	Exports ²	Domestic	
			----- Million pounds -----			Pounds
1980	13.8	43.2	56.9	N.A.	56.9	0.25
1981	13.2	42.4	55.6	9.4	46.2	0.20
1982	12.4	64.8	77.2	9.9	67.3	0.29
1983	19.3	94.9	114.1	12.9	101.2	0.43
1984	24.8	85.4	110.1	8.2	102.0	0.43
1985	23.4	85.7	109.1	7.4	101.7	0.43
1986	22.0	109.1	131.1	14.0	117.1	0.49
1987	30.3	126.2	156.4	21.4	135.1	0.56
1988	19.3	86.3	105.6	13.6	92.0	0.38
1989	22.0	115.6	137.6	11.4	126.2	0.51
1990	19.3	130.5	149.7	15.8	133.9	0.54
1991	27.5	203.6	231.1	15.2	215.9	0.85
1992	22.0	167.9	189.9	17.1	172.8	0.67
1993 ³	2.8	243.9	246.7	14.9	231.7	0.89
1994	5.5	271.4	276.9	21.7	255.1	0.97
1995	8.3	312.4	320.6	22.2	298.4	1.12
1996	5.5	378.3	383.8	22.9	360.9	1.34
1997	5.5	411.3	416.8	25.2	391.6	1.44
1998	d	435.2	435.2	23.2	412.0	1.49
1999	d	483.1	483.1	29.8	453.3	1.62
2000	d	518.3	518.3	23.3	495.0	1.75
2001	d	524.6	524.6	14.6	510.0	1.79
2002	d	580.6	580.6	11.8	568.8	1.97
2003	d	613.8	613.8	14.5	599.4	2.06
2004	d	609.2	609.2	17.1	592.1	2.02
2005	d	575.1	575.1	18.3	556.7	1.88
2006	d	644.6	644.6	16.7	627.9	2.10
2007	d	650.9	650.9	15.8	635.1	2.10
2008	d	655.8	655.8	14.5	641.3	2.10
2009	d	633.7	633.7	13.2	620.5	2.02
2010	d	706.7	706.7	14.1	692.6	2.24
2011	d	810.4	810.4	19.7	790.7	2.53
2012	d	804.2	804.2	22.1	782.2	2.49
2013	d	935.8	935.8	26.4	909.4	2.87
2014	d	827.1	827.1	25.0	802.1	2.52
2015	d	861.4	861.4	27.3	834.1	2.60
2016	d	984.5	984.5	26.1	958.4	2.96
2017	d	1,070.3	1,070.3	24.1	1,046.2	3.22
2018	d	1,051.4	1,051.4	14.7	1,036.7	3.17

d= discontinued. ¹ Imports 1989-92 include small amounts of fresh guava. ² Before 1981, mango, papaya, and kiwifruit exports were reported together; 1984-88 assume mangoes 75 percent of "other fruit" exports; 1989-92 exports include mangosteens and guavas.

³ Reflects tree losses due to Hurricane Andrew in August 1992.

Source: USDA, Economic Research Service calculations.

Table G-9--Fresh papayas: Supply and utilization, 1980 to date

Year	Supply			Utilization		Per capita use
	Utilized production	Imports	Total supply	Exports ¹	Domestic	
	----- Million pounds -----					Pounds
1980	45.4	1.6	47.0	na	47.0	0.21
1981	58.2	1.4	59.6	9.8	49.8	0.22
1982	44.8	2.3	47.1	9.0	38.1	0.16
1983	46.3	4.1	50.4	8.3	42.1	0.18
1984	67.0	4.3	71.3	9.6	61.7	0.26
1985	49.3	2.1	51.4	7.7	43.7	0.18
1986	50.1	2.7	52.8	10.3	42.5	0.18
1987	56.0	2.6	58.6	13.2	45.4	0.19
1988	57.0	3.4	60.4	22.1	38.3	0.16
1989	64.0	6.0	70.0	35.4	34.6	0.14
1990	58.0	11.5	69.5	25.4	44.1	0.18
1991	48.2	13.4	61.5	18.6	42.9	0.17
1992	55.8	23.1	78.9	17.9	61.0	0.24
1993	58.2	31.3	89.5	16.7	72.8	0.28
1994	56.2	41.2	97.4	18.3	79.1	0.30
1995	41.9	73.4	115.3	17.3	98.0	0.37
1996	37.8	126.1	163.9	17.7	146.2	0.54
1997	35.7	106.3	142.0	13.8	128.1	0.47
1998	35.6	105.6	141.2	12.8	128.4	0.47
1999	39.4	146.6	186.0	11.8	174.2	0.62
2000	50.3	154.1	204.3	11.5	192.9	0.68
2001	52.0	186.1	238.1	14.2	223.9	0.78
2002	42.7	195.2	237.9	10.8	227.1	0.79
2003	40.8	224.6	265.4	11.6	253.8	0.87
2004	34.1	277.8	311.9	10.0	301.9	1.03
2005	30.7	255.9	286.6	9.4	277.2	0.94
2006	26.6	291.4	318.0	7.9	310.1	1.04
2007	31.2	304.5	335.7	8.4	327.3	1.08
2008	31.5	274.2	305.7	7.7	298.0	0.98
2009	30.3	344.8	375.1	7.5	367.6	1.20
2010	29.2	339.3	368.5	7.2	361.2	1.17
2011	27.7	308.2	335.9	8.9	327.1	1.05
2012 ²	na	313.6	313.6	9.8	303.8	0.97
2013	23.0	342.0	365.0	10.7	354.3	1.12
2014	23.0	351.1	374.1	11.1	363.0	1.14
2015 ³	24.3	409.1	433.5	7.9	425.5	1.33
2016 ³	19.1	451.7	470.7	8.6	462.1	1.43
2017 ³	21.5	429.4	450.9	7.5	443.4	1.36
2018	7.0	411.8	418.8	6.6	412.2	1.26

na = not available. ¹ Before 1981, mangoes, papaya, and kiwifruit exports were reported together.

² In the absence of 2012 domestic production data from USDA, National Agricultural Statistics Service, ERS per capita use estimate based solely on U.S. trade data from U.S. Department of Commerce, U.S. Census Bureau.

³ Production based on 2009-2014 average share of fresh-market production to total utilized production, which was approximately 97 percent.

Source: USDA, Economic Research Service calculations.

Table G-10--Fresh peaches and nectarines: Supply and utilization, 1980 to date

Calendar year	Supply			Utilization		Per capita use
	Utilized production	Imports	Total supply	Exports	Domestic	
	----- Million pounds -----					Pounds
1980	1,705.1	9.0	1,714.1	100.9	1,613.2	7.08
1981	1,694.0	7.0	1,701.0	120.8	1,580.2	6.87
1982	1,328.7	12.7	1,341.4	100.0	1,241.4	5.35
1983	1,334.7	28.6	1,363.3	90.5	1,272.8	5.43
1984	1,653.4	37.1	1,690.5	107.1	1,583.4	6.70
1985	1,341.6	63.9	1,405.5	95.1	1,310.4	5.50
1986	1,431.0	72.6	1,503.6	99.0	1,404.6	5.84
1987	1,494.5	81.2	1,575.7	106.8	1,468.9	6.05
1988	1,663.4	95.1	1,758.5	104.8	1,653.7	6.75
1989	1,504.6	97.3	1,601.9	153.6	1,448.2	5.86
1990	1,401.7	111.2	1,512.9	127.5	1,385.4	5.54
1991	1,663.7	114.2	1,777.9	153.3	1,624.6	6.41
1992	1,576.2	118.4	1,694.6	155.8	1,538.8	6.00
1993	1,568.0	91.9	1,659.9	139.3	1,520.6	5.85
1994	1,514.9	98.3	1,613.2	186.5	1,426.7	5.42
1995	1,465.0	100.8	1,565.8	147.1	1,418.7	5.33
1996	1,249.4	97.6	1,347.0	167.1	1,179.9	4.38
1997	1,643.8	90.8	1,734.6	230.8	1,503.8	5.51
1998	1,394.4	77.5	1,471.9	176.5	1,295.5	4.69
1999	1,590.4	106.6	1,697.0	221.4	1,475.6	5.29
2000	1,654.8	97.3	1,752.1	254.7	1,497.5	5.30
2001	1,660.1	104.0	1,764.1	292.6	1,471.6	5.16
2002	1,674.5	103.3	1,777.8	271.9	1,506.0	5.23
2003	1,631.7	143.5	1,775.2	271.1	1,504.1	5.17
2004	1,575.5	165.1	1,740.6	230.4	1,510.1	5.15
2005	1,505.0	157.6	1,662.6	233.1	1,429.4	4.83
2006	1,427.0	133.3	1,560.3	190.5	1,369.8	4.58
2007	1,448.4	131.6	1,580.0	232.3	1,347.7	4.46
2008	1,664.6	148.7	1,813.3	264.6	1,548.6	5.08
2009	1,445.4	111.5	1,556.9	200.7	1,356.2	4.41
2010	1,599.2	109.6	1,708.8	244.6	1,464.2	4.73
2011	1,512.5	103.6	1,616.1	222.4	1,393.7	4.47
2012	1,339.3	87.5	1,426.8	212.9	1,213.9	3.86
2013	1,093.5	81.6	1,175.1	220.8	954.3	3.02
2014	1,142.4	51.8	1,194.2	189.8	1,004.4	3.15
2015	1,011.9	82.9	1,094.8	160.7	934.1	2.91
2016	957.9	104.0	1,061.9	178.6	883.4	2.73
2017	899.6	87.6	987.2	120.9	866.3	2.66
2018	788.6	83.6	872.2	152.4	719.8	2.20

Source: USDA, Economic Research Service calculations.

Table G-11--Fresh pears: Supply and utilization, 1980/81 to date

Season ¹	Supply			Utilization		Per capita use
	Utilized production	Imports	Total supply	Exports	Domestic	
	----- Million pounds -----					Pounds
1980/81	690.2	19.3	709.5	111.5	598.0	2.61
1981/82	756.0	21.7	777.7	125.0	652.7	2.82
1982/83	732.2	21.7	753.9	89.9	664.0	2.85
1983/84	765.6	27.4	793.0	89.3	703.7	2.99
1984/85	645.6	40.2	685.8	82.3	603.5	2.54
1985/86	694.2	55.4	749.6	82.0	667.6	2.79
1986/87	752.4	69.9	822.3	103.2	719.1	2.97
1987/88	909.7	72.7	982.4	125.3	857.1	3.51
1988/89	853.4	88.4	941.8	149.7	792.1	3.22
1989/90	906.4	93.1	999.6	203.1	796.5	3.20
1990/91	931.2	101.0	1,032.2	222.4	809.7	3.22
1991/92	924.0	130.5	1,054.5	252.9	801.6	3.14
1992/93	884.4	142.8	1,027.2	221.3	805.9	3.12
1993/94	1,014.8	144.4	1,159.2	282.9	876.3	3.35
1994/95	1,102.0	105.9	1,207.9	297.1	910.8	3.44
1995/96	1,088.5	126.4	1,214.9	316.0	899.0	3.36
1996/97	919.1	171.9	1,091.0	263.4	827.6	3.05
1997/98	1,144.6	149.0	1,293.6	363.2	930.4	3.39
1998/99	1,067.6	190.5	1,258.1	305.2	952.9	3.43
1999/2000	1,130.0	199.0	1,328.9	336.8	992.1	3.53
2000/01	1,146.5	187.6	1,334.1	370.2	963.9	3.39
2001/02	1,136.6	175.8	1,312.4	380.3	932.1	3.25
2002/03	1,048.9	190.3	1,239.2	352.6	886.6	3.06
2003/04	1,119.9	147.1	1,267.0	367.1	899.8	3.08
2004/05	1,028.5	168.6	1,197.1	325.4	871.7	2.96
2005/06	1,008.8	184.6	1,193.4	326.5	866.9	2.91
2006/07	1,001.4	236.9	1,238.3	280.2	958.1	3.19
2007/08	1,103.9	189.2	1,293.2	356.2	937.0	3.09
2008/09	1,097.9	185.0	1,282.8	331.0	951.8	3.11
2009/10	1,207.6	138.3	1,345.9	361.6	984.3	3.19
2010/11	1,062.9	173.6	1,236.4	333.0	903.4	2.91
2011/12	1,287.4	138.8	1,426.2	420.2	1,006.0	3.22
2012/13	1,103.6	174.1	1,277.7	406.5	871.2	2.76
2013/14	1,169.5	180.7	1,350.2	449.2	901.0	2.84
2014/15	1,100.2	197.8	1,297.9	386.3	911.6	2.85
2015/16	1,029.6	174.8	1,204.4	346.1	858.3	2.67
2016/17	1,010.0	162.4	1,172.4	277.6	894.8	2.76
2017/18	972.3	175.7	1,148.0	269.5	878.5	2.69
2018/19	1,115.4	162.2	1,277.6	318.4	959.2	2.92

¹ Season begins in July.

Source: USDA, Economic Research Service calculations.

Table G-12--Fresh pineapples: Supply and utilization, 1980 to date

Calendar year	Supply			Utilization		Per Capita use
	Utilized production	Imports	Total supply	Exports	Domestic	
----- Million pounds -----						Pounds
1980	202.0	151.1	353.1	11.8	341.3	1.50
1981	234.0	138.5	372.5	14.6	357.9	1.56
1982	256.0	144.4	400.4	15.0	385.4	1.66
1983	240.0	170.4	410.4	16.4	394.0	1.68
1984	238.0	134.4	372.4	15.9	356.5	1.51
1985	248.0	119.0	367.0	14.7	352.3	1.48
1986	264.0	170.3	434.3	17.9	416.4	1.73
1987	268.0	148.3	416.3	20.3	396.0	1.63
1988	266.0	180.2	446.2	15.9	430.3	1.76
1989	290.0	217.0	507.0	21.7	485.3	1.96
1990	282.0	251.1	533.1	20.7	512.4	2.05
1991	250.0	253.9	503.9	19.6	484.3	1.91
1992	260.0	272.7	532.7	20.9	511.7	1.99
1993	270.0	280.3	550.3	20.2	530.1	2.04
1994	260.0	289.1	549.1	17.8	531.3	2.02
1995	250.0	274.7	524.7	16.3	508.4	1.91
1996	230.0	298.2	528.2	17.2	511.0	1.90
1997	206.0	449.7	655.7	17.0	638.8	2.34
1998	222.0	557.4	779.4	19.7	759.7	2.75
1999	244.0	624.1	868.1	21.7	846.4	3.03
2000	244.0	692.3	936.3	26.8	909.5	3.22
2001	220.0	708.3	928.3	26.3	902.1	3.16
2002	234.0	894.4	1,128.4	28.2	1,100.2	3.82
2003	260.0	1,044.9	1,304.9	27.2	1,277.6	4.39
2004	208.0	1,126.7	1,334.7	34.4	1,300.2	4.43
2005	212.0	1,273.8	1,485.8	33.4	1,452.4	4.90
2006	192.0	1,397.9	1,589.9	34.5	1,555.4	5.20
2007	d	1,536.2	1,536.2	20.5	1,515.7	5.02
2008	d	1,573.2	1,573.2	26.4	1,546.8	5.07
2009	d	1,587.6	1,587.6	23.8	1,563.8	5.09
2010	d	1,783.4	1,783.4	18.6	1,764.7	5.70
2011	d	1,802.4	1,802.4	18.3	1,784.1	5.72
2012	d	2,038.2	2,038.2	20.6	2,017.7	6.42
2013	d	2,150.8	2,150.8	18.3	2,132.5	6.74
2014	d	2,308.4	2,308.4	16.7	2,291.7	7.19
2015	d	2,267.9	2,267.9	26.5	2,241.4	6.98
2016	d	2,373.3	2,373.3	20.9	2,352.4	7.28
2017	d	2,541.8	2,541.8	19.8	2,522.1	7.75
2018	d	2,568.3	2,568.3	14.7	2,553.6	7.80

d = discontinued.

Source: USDA, Economic Research Service calculations.

Table G-13--Fresh raspberries: Supply and utilization, 1992 to date

Year	Supply			Utilization		Per Capita use
	Utilized production ¹	Imports	Total supply	Exports ²	Domestic	
	----- Million pounds -----					Pounds
1992	27.0	2.1	29.0	18.4	10.6	0.04
1993	27.1	2.3	29.4	14.7	14.7	0.06
1994	22.8	3.4	26.3	6.3	19.9	0.08
1995	16.3	4.4	20.6	7.2	13.4	0.05
1996	16.9	4.4	21.4	9.1	12.2	0.05
1997	17.3	4.4	21.7	8.3	13.4	0.05
1998	17.1	3.8	20.9	10.5	10.4	0.04
1999	24.5	5.0	29.5	16.1	13.4	0.05
2000	26.4	5.5	31.9	16.2	15.7	0.06
2001	28.1	6.5	34.6	16.9	17.8	0.06
2002	34.3	8.7	43.0	25.9	17.1	0.06
2003	60.8	10.6	71.4	29.6	41.9	0.14
2004	88.1	13.6	101.7	64.6	37.2	0.13
2005	98.5	15.4	113.9	85.0	28.9	0.10
2006	94.2	18.5	112.6	38.0	74.6	0.25
2007	76.3	26.5	102.8	48.0	54.8	0.18
2008	83.7	25.9	109.6	62.4	47.2	0.15
2009	118.8	27.4	146.3	64.3	82.0	0.27
2010	78.7	32.1	110.8	47.7	63.1	0.20
2011	104.0	42.4	146.4	48.3	98.1	0.31
2012	93.6	58.3	152.0	50.2	101.8	0.32
2013	103.6	69.8	173.3	53.7	119.6	0.38
2014 ³	198.8	93.5	292.2	57.6	234.6	0.74
2015	187.8	151.6	339.4	48.5	290.9	0.91
2016	157.2	135.1	292.3	41.5	250.8	0.78
2017	133.0	192.3	325.3	40.6	284.7	0.87
2018	132.3	176.9	309.3	43.9	265.4	0.81

¹ Based on production in Oregon, Washington, and California, using the assumption in years 1992 to 1993 that 95 percent of California's raspberry crop is for fresh use. ² Exports also include blackberries, mulberries, and loganberries. ³ USDA, National Agricultural Statistics Service started reporting California raspberry production for fresh and processing separately.

Source: USDA, Economic Research Service calculations.

Table G-14--Fresh strawberries: Supply and utilization, 1980 to date

Year	Supply			Utilization		Per capita use
	Utilized production	Imports	Total supply	Exports	Domestic	
	----- Million pounds -----					Pounds
1980	482.1	12.7	494.8	47.1	447.7	1.97
1981	537.5	6.7	544.2	44.4	499.8	2.17
1982	589.6	4.5	594.1	44.0	550.1	2.37
1983	585.4	5.1	590.5	46.4	544.1	2.32
1984	748.2	8.8	757.0	56.3	700.7	2.96
1985	754.1	9.6	763.7	51.5	712.2	2.99
1986	734.8	13.0	747.8	51.5	696.3	2.89
1987	780.4	33.2	813.6	57.1	756.5	3.12
1988	855.5	39.4	894.9	78.0	816.9	3.33
1989	861.6	36.0	897.6	93.0	804.7	3.25
1990	863.6	32.2	895.8	85.7	810.1	3.24
1991	968.2	31.5	999.7	95.2	904.4	3.57
1992	999.7	23.8	1,023.5	102.3	921.2	3.59
1993	1,010.8	31.4	1,042.2	102.1	940.1	3.62
1994	1,147.7	43.7	1,191.4	126.4	1,065.0	4.05
1995	1,145.6	58.8	1,204.4	111.4	1,093.1	4.10
1996	1,212.6	67.3	1,279.9	116.0	1,163.9	4.32
1997	1,201.8	31.9	1,233.7	115.8	1,117.9	4.10
1998	1,132.2	58.1	1,190.3	109.3	1,081.1	3.92
1999	1,305.2	94.8	1,400.0	124.3	1,275.7	4.57
2000	1,433.3	76.2	1,509.5	136.5	1,373.0	4.86
2001	1,259.7	70.7	1,330.4	128.1	1,202.3	4.21
2002	1,406.3	89.9	1,496.2	156.9	1,339.3	4.65
2003	1,642.4	90.3	1,732.7	194.8	1,537.9	5.29
2004	1,694.4	94.4	1,788.8	182.6	1,606.3	5.47
2005	1,811.0	122.7	1,933.7	207.6	1,726.1	5.83
2006	1,910.9	153.4	2,064.3	229.1	1,835.2	6.14
2007	1,973.3	157.7	2,131.0	240.3	1,890.7	6.26
2008	2,091.1	143.0	2,234.1	269.2	1,964.9	6.45
2009	2,288.0	187.2	2,475.2	271.8	2,203.3	7.17
2010	2,319.6	198.3	2,517.9	279.8	2,238.1	7.23
2011	2,332.4	243.5	2,575.9	279.6	2,296.4	7.36
2012	2,455.2	351.3	2,806.5	301.6	2,504.8	7.97
2013	2,508.5	330.6	2,839.1	306.3	2,532.7	8.01
2014	2,454.3	356.0	2,810.3	273.7	2,536.6	7.96
2015	2,437.2	314.4	2,751.6	273.3	2,478.2	7.72
2016	2,302.4	364.5	2,666.9	277.0	2,389.9	7.39
2017	2,137.2	367.2	2,504.4	290.5	2,213.9	6.80
2018	2,291.9	356.9	2,648.8	310.6	2,338.2	7.14

Source: USDA, Economic Research Service calculations.

Table G-15--Fresh grapefruit: Supply and utilization, 1980/81 to date

Season ¹	Supply			Utilization		Per capita use
	Utilized production ²	Imports	Total supply	Exports	Domestic	
	----- Million pounds -----					Pounds
1980/81	2,225.4	9.4	2,234.8	711.8	1,523.1	6.65
1981/82	2,311.4	3.9	2,315.3	650.6	1,664.6	7.20
1982/83	2,594.6	4.8	2,599.4	771.0	1,828.4	7.84
1983/84	2,054.1	2.1	2,056.2	648.4	1,407.8	5.98
1984/85	1,816.5	5.1	1,821.6	514.0	1,307.6	5.51
1985/86	2,169.4	5.5	2,174.9	705.2	1,469.6	6.13
1986/87	2,401.6	4.0	2,405.6	871.4	1,534.2	6.35
1987/88	2,666.4	11.0	2,677.4	1,045.5	1,631.8	6.69
1988/89	2,791.3	8.5	2,799.8	1,173.7	1,626.1	6.60
1989/90	1,765.2	10.0	1,775.2	633.5	1,141.7	4.59
1990/91	2,484.9	16.5	2,501.4	1,025.9	1,475.5	5.86
1991/92	2,499.7	23.5	2,523.1	1,012.3	1,510.8	5.92
1992/93	2,546.6	27.4	2,574.0	972.2	1,601.7	6.20
1993/94	2,568.3	32.2	2,600.5	1,011.3	1,589.2	6.07
1994/95	2,630.3	29.6	2,659.9	1,071.2	1,588.7	6.00
1995/96	2,635.9	32.9	2,668.7	1,102.2	1,566.5	5.85
1996/97	2,706.7	27.9	2,734.6	1,058.9	1,675.7	6.18
1997/98	2,482.5	11.3	2,493.8	865.1	1,628.7	5.94
1998/99	2,500.3	34.2	2,534.5	938.5	1,595.9	5.75
1999/2000	2,285.8	12.6	2,298.4	869.0	1,429.4	5.09
2000/01	2,186.6	42.9	2,229.5	853.7	1,375.8	4.85
2001/02	2,142.4	60.2	2,202.7	875.4	1,327.2	4.63
2002/03	1,927.0	38.3	1,965.4	778.8	1,186.6	4.10
2003/04	2,040.4	41.7	2,082.1	872.2	1,209.9	4.14
2004/05	1,251.8	31.5	1,283.3	502.0	781.3	2.65
2005/06	1,205.5	37.7	1,243.2	556.5	686.7	2.31
2006/07	1,536.8	48.8	1,585.6	732.9	852.7	2.84
2007/08	1,522.1	31.1	1,553.2	595.3	957.9	3.16
2008/09	1,373.1	26.5	1,399.6	543.7	855.9	2.80
2009/10	1,361.8	25.9	1,387.7	534.3	853.4	2.76
2010/11	1,329.0	16.3	1,345.3	501.4	843.8	2.72
2011/12	1,202.0	2.4	1,204.4	461.7	742.6	2.37
2012/13	1,207.5	29.0	1,236.5	405.0	831.6	2.64
2013/14	1,058.3	28.5	1,086.8	324.7	762.1	2.40
2014/15	1,004.1	21.0	1,025.2	310.0	715.2	2.24
2015/16	873.2	35.6	908.8	273.1	635.7	1.97
2016/17	804.6	54.1	858.7	237.5	621.3	1.92
2017/18	596.2	39.4	635.6	127.7	507.9	1.56
2018/19 P	563.3	32.0	595.3	125.5	469.8	1.43

P = Preliminary. ¹ Season begins in September of first year shown. ² Utilized production does not necessarily match USDA's National Agricultural Statistics

Service's numbers due to rounding at the State level.

Source: USDA, Economic Research Service calculations.

Table G-16--Fresh lemons: Supply and utilization, 1980/81 to date

Season ¹	Supply			Utilization		Per Capita use
	Utilized production ²	Imports	Total supply	Exports	Domestic	
----- Million pounds -----						Pounds
1980/81	865.6	.1	866.1	406.0	460.1	2.03
1981/82	801.8	3.9	805.7	328.3	477.4	2.09
1982/83	871.3	8.7	880.0	339.0	541.1	2.34
1983/84	856.5	7.1	863.6	356.3	507.3	2.17
1984/85	881.6	10.5	892.1	346.4	545.7	2.32
1985/86	865.6	32.3	897.9	306.0	591.9	2.49
1986/87	938.2	21.5	959.7	360.3	599.4	2.50
1987/88	916.9	12.2	929.1	326.4	602.7	2.49
1988/89	933.3	12.9	946.2	358.4	587.7	2.41
1989/90	932.1	23.2	955.2	308.6	646.6	2.60
1990/91	896.8	25.5	922.3	268.3	654.0	2.60
1991/92	915.6	20.3	935.9	291.4	644.5	2.53
1992/93	951.0	16.1	967.1	285.8	681.3	2.64
1993/94	946.3	16.7	962.9	268.0	695.0	2.66
1994/95	1,011.8	23.8	1,035.6	284.3	751.2	2.84
1995/96	1,031.1	23.7	1,054.8	288.5	766.3	2.86
1996/97	995.1	31.1	1,026.2	278.3	747.9	2.76
1997/98	862.6	64.0	926.6	250.8	675.8	2.46
1998/99	921.7	52.9	974.6	249.6	725.0	2.61
1999/2000	1,035.4	37.2	1,072.6	386.7	685.9	2.44
2000/01	1,018.9	72.5	1,091.5	249.5	842.0	2.97
2001/02	1,096.1	84.9	1,180.9	224.4	956.6	3.34
2002/03	1,113.1	66.5	1,179.6	216.4	963.2	3.33
2003/04	1,079.8	57.4	1,137.2	224.6	912.6	3.12
2004/05	997.7	84.5	1,082.2	213.4	868.8	2.95
2005/06	1,372.1	82.7	1,454.8	220.4	1,234.4	4.15
2006/07	980.0	122.4	1,102.4	258.5	843.9	2.81
2007/08	789.0	146.4	935.4	338.5	596.9	1.97
2008/09	1,064.0	91.9	1,155.9	199.9	956.0	3.12
2009/10	968.0	92.4	1,060.4	199.1	861.3	2.79
2010/11	1,202.0	94.8	1,296.8	220.1	1,076.7	3.47
2011/12	1,310.0	126.6	1,436.6	201.6	1,235.0	3.95
2012/13	1,232.0	98.5	1,330.5	232.6	1,097.9	3.48
2013/14	1,260.0	97.8	1,357.8	270.6	1,087.2	3.43
2014/15	1,224.0	169.6	1,393.6	242.5	1,151.0	3.60
2015/16	1,390.0	179.5	1,569.5	232.9	1,336.6	4.15
2016/17	1,402.0	215.9	1,617.9	236.0	1,381.9	4.26
2017/18	1,360.0	222.2	1,582.2	203.0	1,379.2	4.23
2018/19	1,408.0	322.2	1,730.2	195.6	1,534.6	4.68

¹ Season begins in August of first year shown. ² Utilized production does not necessarily match USDA's National Agricultural Statistics Service's numbers due to rounding at the State level.

Source: USDA, Economic Research Service calculations.

Table G-17--Fresh limes: Supply and utilization, 1980/81 to date

Season ¹	Supply			Utilization		Per Capita use
	Utilized production ²	Imports	Total supply	Exports	Domestic	
			----- Million pounds -----			Pounds
1980/81	62.0	41.5	103.5	7.5	96.0	0.42
1981/82	56.0	40.0	96.0	7.4	88.6	0.38
1982/83	86.0	41.6	127.6	7.3	120.3	0.52
1983/84	72.0	41.8	113.8	7.3	106.5	0.45
1984/85	90.0	50.5	140.5	8.3	132.2	0.56
1985/86	78.0	69.9	147.9	8.8	139.1	0.58
1986/87	74.0	59.6	133.6	11.0	122.6	0.51
1987/88	76.0	75.2	151.2	15.2	136.0	0.56
1988/89	84.0	98.7	182.7	12.2	170.5	0.69
1989/90	88.9	87.1	176.0	11.7	164.3	0.66
1990/91	81.8	118.1	199.9	10.2	189.7	0.75
1991/92	94.2	178.0	272.1	11.0	261.1	1.02
1992/93	64.2	190.5	254.7	8.3	246.5	0.95
1993/94 ³	13.2	246.6	259.8	5.7	254.1	0.97
1994/95	16.7	303.4	320.1	6.5	313.6	1.18
1995/96	21.1	292.1	313.3	7.4	305.9	1.14
1996/97	22.4	296.6	319.1	7.4	311.7	1.15
1997/98	29.0	364.6	393.7	9.1	384.6	1.40
1998/99	36.1	342.0	378.1	8.1	370.0	1.33
1999/2000	44.0	356.0	400.0	8.3	391.7	1.39
2000/01	19.4	415.1	434.5	8.2	426.3	1.50
2001/02	11.0	313.5	324.5	8.9	315.6	1.10
2002/03 ⁴	0.0	519.3	519.3	7.0	512.3	1.77
2003/04	0.0	545.5	545.5	4.9	540.6	1.85
2004/05	0.0	621.8	621.8	5.1	616.7	2.09
2005/06	0.0	679.1	679.1	7.9	671.2	2.26
2006/07	0.0	686.7	686.7	4.4	682.3	2.27
2007/08	0.0	760.4	760.4	7.5	752.9	2.48
2008/09	0.0	786.7	786.7	6.2	780.4	2.55
2009/10	0.0	799.2	799.2	5.2	793.9	2.57
2010/11	0.0	784.1	784.1	5.4	778.7	2.51
2011/12	0.0	809.8	809.8	5.6	804.2	2.57
2012/13	0.0	942.2	942.2	7.9	934.2	2.96
2013/14	0.0	984.2	984.2	10.1	974.2	3.07
2014/15	0.0	975.3	975.3	10.5	964.8	3.02
2015/16	0.0	1128.4	1128.4	8.3	1120.1	3.48
2016/17	0.0	1227.5	1227.5	11.0	1216.6	3.75
2017/18	0.0	1335.2	1335.2	12.1	1323.1	4.06
2018/19	0.0	1357.5	1357.5	12.6	1344.9	4.10

¹ Season begins in April of first year shown until 2002/03, when season begins in January. ² Utilized production does not necessarily match USDA's National Agricultural Statistics Service's numbers due to rounding at the State level. ³ Reflects tree losses due to Hurricane Andrew in August 1992. ⁴ Since 2002/03, production data are no longer available.

Source: USDA, Economic Research Service calculations.

Table G-18--Fresh oranges: Supply and utilization, 1980/81 to date

Season ¹	Supply			Utilization		Per Capita use
	Utilized production ²	Imports	Total supply	Exports	Domestic	
			----- Million pounds -----			Pounds
1980/81	4,033.6	18.2	4,051.8	1,208.5	2,843.3	12.36
1981/82	3,709.4	29.4	3,738.8	1,023.4	2,715.4	11.69
1982/83	4,786.7	13.4	4,800.1	1,276.5	3,523.5	15.04
1983/84	3,802.6	38.5	3,841.1	1,036.7	2,804.4	11.87
1984/85	3,808.3	27.5	3,835.8	1,070.3	2,765.5	11.60
1985/86	4,306.2	62.1	4,368.3	1,135.6	3,232.6	13.43
1986/87	4,234.8	44.4	4,279.2	1,168.1	3,111.1	12.81
1987/88	4,286.3	49.6	4,335.9	929.9	3,406.0	13.90
1988/89	4,110.2	17.2	4,127.4	1,117.8	3,009.6	12.17
1989/90	4,218.5	26.3	4,244.8	1,152.2	3,092.6	12.37
1990/91	2,513.5	137.3	2,650.7	514.3	2,136.5	8.43
1991/92	4,354.0	34.5	4,388.5	1,091.8	3,296.7	12.84
1992/93	4,882.0	22.8	4,904.8	1,226.5	3,678.3	14.15
1993/94	4,578.0	35.8	4,613.8	1,208.2	3,405.6	12.94
1994/95	4,452.0	45.2	4,497.2	1,347.2	3,150.0	11.83
1995/96	4,460.0	51.1	4,511.1	1,120.8	3,390.3	12.58
1996/97	5,054.0	65.8	5,119.8	1,324.8	3,795.0	13.91
1997/98	5,366.0	88.2	5,454.2	1,422.0	4,032.1	14.61
1998/99	2,654.0	225.7	2,879.7	541.4	2,338.3	8.38
1999/2000	4,332.0	101.5	4,433.5	1,119.0	3,314.5	11.74
2000/01	4,518.0	120.2	4,638.2	1,248.6	3,389.7	11.88
2001/02	4,353.6	131.9	4,485.5	1,101.9	3,383.6	11.74
2002/03	4,762.4	120.8	4,883.2	1,423.7	3,459.5	11.90
2003/04	4,385.6	140.1	4,525.7	1,355.4	3,170.3	10.80
2004/05	4,504.6	156.8	4,661.3	1,276.3	3,385.0	11.43
2005/06	4,102.7	158.2	4,261.0	1,198.1	3,062.9	10.24
2006/07	2,754.4	256.5	3,010.9	757.8	2,253.1	7.46
2007/08	4,207.4	169.6	4,377.0	1,350.9	3,026.1	9.93
2008/09	3,673.7	198.1	3,871.8	1,086.7	2,785.1	9.06
2009/10	4,242.9	233.4	4,476.3	1,477.0	2,999.3	9.68
2010/11	4,540.8	224.0	4,764.8	1,655.4	3,109.4	9.97
2011/12	4,558.9	262.6	4,821.5	1,531.8	3,289.8	10.47
2012/13	4,474.9	307.3	4,782.1	1,495.4	3,286.7	10.39
2013/14	3,790.6	315.4	4,106.0	1,116.5	2,989.4	9.38
2014/15	3,593.0	341.7	3,934.7	1,150.7	2,784.0	8.67
2015/16	4,054.2	361.7	4,415.8	1,449.4	2,966.4	9.18
2016/17	3,560.6	402.5	3,963.1	1,350.0	2,613.0	8.03
2017/18	3,319.0	488.7	3,807.6	1,126.4	2,681.2	8.19
2018/19 P	3,307.8	401.1	3,708.9	1,025.1	2,683.7	8.15

P = Preliminary. ¹ Season begins in November of first year shown. ² Includes Temples.

Source: USDA, Economic Research Service calculations.

Table G-19--Fresh tangerines and tangelos: Supply and utilization, 1980/81 to date

Season ¹	Supply			Utilization		Per Capita use
	Utilized production ²	Imports	Total supply	Exports	Domestic	
	----- Million pounds -----					Pounds
1980/81	453.0	29.1	482.2	35.4	446.8	1.95
1981/82	429.1	48.0	477.1	28.9	448.2	1.94
1982/83	452.3	23.5	475.8	37.1	438.7	1.88
1983/84	413.5	38.4	452.0	22.5	429.4	1.82
1984/85	350.5	15.0	365.5	35.2	330.3	1.39
1985/86	368.4	21.3	389.7	19.0	370.7	1.55
1986/87	433.6	31.4	465.0	34.0	431.0	1.78
1987/88	430.7	35.4	466.0	32.7	433.3	1.78
1988/89	426.7	37.4	464.1	44.1	419.9	1.71
1989/90	323.0	37.2	360.2	29.7	330.5	1.33
1990/91	330.0	46.1	376.0	27.1	349.0	1.39
1991/92	496.3	41.9	538.2	43.2	494.9	1.94
1992/93	477.1	40.4	517.6	33.4	484.2	1.87
1993/94	562.9	41.0	603.9	51.9	552.0	2.11
1994/95	523.6	46.8	570.4	40.8	529.6	2.00
1995/96	582.8	45.1	627.8	48.4	579.4	2.16
1996/97	659.6	77.8	737.3	49.8	687.6	2.54
1997/98	567.6	85.3	652.9	54.7	598.1	2.18
1998/99	548.3	125.7	674.0	31.4	642.6	2.32
1999/2000	657.9	212.5	870.4	62.2	808.2	2.88
2000/01	586.9	220.6	807.5	31.6	775.9	2.73
2001/02	653.5	116.1	769.6	33.9	735.7	2.57
2002/03	638.6	190.0	828.6	37.5	791.1	2.73
2003/04	651.2	203.7	854.9	43.3	811.6	2.78
2004/05	569.7	214.6	784.3	43.0	741.3	2.51
2005/06	621.0	226.5	847.4	46.3	801.2	2.69
2006/07	540.2	266.8	807.0	35.3	771.7	2.57
2007/08	793.7	213.0	1,006.7	70.5	936.3	3.08
2008/09	745.4	288.9	1,034.3	65.0	969.3	3.17
2009/10	959.8	282.8	1,242.5	75.5	1,167.1	3.78
2010/11	1,068.2	333.9	1,402.1	113.9	1,288.2	4.15
2011/12	1,062.5	324.6	1,387.1	81.0	1,306.1	4.18
2012/13	1,168.2	340.2	1,508.4	92.7	1,415.7	4.49
2013/14	1,255.1	402.1	1,657.2	69.3	1,587.9	5.00
2014/15	1,296.1	467.6	1,763.6	93.3	1,670.4	5.22
2015/16	1,272.6	510.5	1,783.1	80.4	1,702.8	5.29
2016/17	1,377.1	603.2	1,980.3	80.0	1,900.3	5.86
2017/18	1,230.2	778.5	2,008.7	76.9	1,931.7	5.92
2018/19 P	1,635.6	717.1	2,352.7	96.5	2,256.2	6.87

P = Preliminary. ¹ Season begins in November of first year shown. ² Includes all tangerine varieties, such as Fallglo, Sunburst, Honey, clementine, mandarin, and satsuma, as well as tangelos and tangors. Beginning in 2016/17, includes Temples and tangelos in Florida.

Source: USDA, Economic Research Service calculations.

Table G-20--Canned apples: Supply and utilization, 1980/81 to date ¹

Year ²	Supply			Utilization	
	Production ³	Imports	Total supply	Domestic	Per Capita use
	----- Million pounds -----				Pounds
1980/81	961.9	3.5	965.4	965.4	4.22
1981/82	801.9	2.6	804.6	804.6	3.48
1982/83	998.9	2.8	1,001.7	1,001.7	4.29
1983/84	963.5	3.3	966.9	966.9	4.11
1984/85	941.4	9.9	951.3	951.3	4.01
1985/86	1,004.3	5.0	1,009.3	1,009.3	4.21
1986/87	943.2	7.0	950.2	950.2	3.93
1987/88	1,044.6	5.8	1,050.5	1,050.5	4.31
1988/89	1,119.3	5.9	1,125.2	1,125.2	4.57
1989/90	1,056.3	5.9	1,062.2	1,062.2	4.27
1990/91	1,102.6	4.9	1,107.5	1,107.5	4.40
1991/92	1,048.9	1.7	1,050.6	1,050.6	4.12
1992/93	1,198.5	0.8	1,199.3	1,199.3	4.64
1993/94	1,067.8	3.8	1,071.6	1,071.6	4.10
1994/95	1,124.6	7.6	1,132.2	1,132.1	4.28
1995/96	1,033.6	14.3	1,047.9	1,047.9	3.91
1996/97	1,035.4	29.1	1,064.5	1,064.5	3.93
1997/98	1,199.0	29.9	1,228.9	1,228.9	4.48
1998/99	939.0	30.9	969.9	969.9	3.49
1999/2000	1,054.9	33.0	1,087.9	1,087.9	3.87
2000/01	946.9	43.2	990.1	990.1	3.49
2001/02	1,005.8	42.5	1,048.3	1,048.3	3.66
2002/03	863.0	65.1	928.1	928.1	3.21
2003/04	988.1	63.8	1,051.9	1,051.9	3.60
2004/05	1,004.2	65.2	1,069.3	1,069.3	3.63
2005/06	931.0	66.5	997.5	997.5	3.35
2006/07	933.8	77.6	1,011.5	1,011.5	3.37
2007/08	873.0	88.1	961.1	961.1	3.17
2008/09	1,002.7	125.9	1,128.6	1,128.6	3.69
2009/10	926.6	105.3	1,031.9	1,031.9	3.34
2010/11	870.6	118.8	989.5	989.5	3.19
2011/12	899.0	145.8	1,044.7	1,044.7	3.34
2012/13	599.1	196.3	795.4	795.4	2.52
2013/14	1,049.0	174.4	1,223.3	1,223.3	3.86
2014/15	929.2	177.6	1,106.8	1,106.8	3.46
2015/16	896.9	210.5	1,107.4	1,107.4	3.44
2016/17	968.9	214.4	1,183.3	1,183.3	3.65
2017/18	929.5	231.8	1,161.3	1,161.3	3.56
2018/19 ⁴	866.7	192.2	1,058.9	1,058.9	3.23

¹ Export data not available. ² Marketing year begins in August of the first year shown. ³ USDA's National Agricultural Statistics

Service's canned utilization estimates converted to product weight. Product weight is equal to fresh weight divided by 1.25.

⁴ Canned production based on 5-year average share (36 percent) of total processed production. Beginning with 2018 crop year data,

USDA NASS discontinued reporting canned production.

Source: USDA, Economic Research Service calculations.

Table G-21--Canned apricots: Supply and utilization, 1980/81 to date

Year ¹	Supply				Utilization			Per Capita use
	Production ²	Imports	Beginning stocks	Total supply	Ending stocks	Exports	Domestic	
	----- Million pounds -----							Pounds
1980/81	231.8	0.2	32.2	264.2	48.1	2.3	213.8	0.93
1981/82	125.3	0.5	48.1	173.9	11.7	2.7	159.5	0.69
1982/83	178.6	2.5	11.7	192.8	9.9	2.8	180.1	0.77
1983/84	126.1	13.4	9.9	149.4	5.5	0.7	143.2	0.61
1984/85	192.4	11.3	5.5	209.2	24.5	1.1	183.6	0.77
1985/86	175.7	7.9	24.5	208.1	16.4	0.8	190.9	0.80
1986/87	77.8	10.6	16.4	104.8	1.7	0.6	102.5	0.42
1987/88	152.6	7.8	1.7	162.1	5.9	1.5	154.7	0.63
1988/89	128.2	7.6	5.9	141.7	12.6	2.2	126.9	0.52
1989/90	193.0	1.9	na	194.9	na	1.9	193.0	0.78
1990/91	184.3	1.8	na	186.1	na	2.9	183.2	0.73
1991/92	123.8	1.4	na	125.2	na	3.8	121.4	0.48
1992/93	152.6	3.6	na	156.2	na	3.7	152.5	0.59
1993/94	129.6	8.1	na	137.7	na	1.7	136.0	0.52
1994/95	204.5	1.6	na	206.1	na	2.6	203.5	0.77
1995/96	55.3	0.8	na	56.1	na	3.0	53.1	0.20
1996/97	57.6	2.3	na	59.9	na	2.8	57.1	0.21
1997/98	134.5	0.7	na	135.2	na	2.3	132.9	0.48
1998/99	117.2	0.7	na	117.9	na	2.4	115.5	0.42
1999/2000	96.5	0.5	na	97.0	na	2.2	94.8	0.34
2000/01	92.2	1.7	na	93.8	na	3.1	90.7	0.32
2001/02	89.3	1.8	na	91.1	na	2.9	88.2	0.31
2002/03	87.8	1.6	na	89.5	na	3.0	86.5	0.30
2003/04	86.4	1.0	na	87.4	na	4.0	83.4	0.29
2004/05	90.1 ³	0.8	na	90.9	na	3.1	87.8	0.30
2005/06	67.7	1.2	na	68.9	na	3.8	65.0	0.22
2006/07	42.9	1.6	na	44.5	na	2.8	41.7	0.14
2007/08	69.1	1.8	na	70.9	na	2.8	68.1	0.22
2008/09	63.4	1.6	na	65.0	na	2.6	62.4	0.20
2009/10	66.5	1.3	na	67.9	na	2.6	65.3	0.21
2010/11	57.9	1.9	na	59.8	na	3.2	56.6	0.18
2011/12	49.4	2.2	na	51.6	na	2.3	49.3	0.16
2012/13	47.5	3.1	na	50.6	na	1.3	49.3	0.16
2013/14	41.9	4.9	na	46.8	na	1.6	45.2	0.14
2014/15	50.5	3.8	na	54.4	na	1.5	52.9	0.17
2015/16	25.9	5.8	na	31.7	na	1.5	30.3	0.09
2016/17	38.4	5.2	na	43.7	na	1.1	42.5	0.13
2017/18	24.2	4.4	na	28.6	na	1.4	27.1	0.08
2018/19 ⁴	12.0	8.8	na	20.8	na	1.5	19.3	0.06

na = not available. ¹ Season begins in June of the first year shown. ² USDA's National Agricultural Statistics Service's (NASS) canned utilization estimates converted to product weight. Product weight is equal to fresh weight multiplied by 1.44. ³ Estimated based on the annual percent change to the quantity of California apricots that went into processing. USDA, NASS did not report 2004 canned production to avoid disclosure of individual operations.

⁴ Canned production based on 5-year average share (39 percent) of total processed production. Beginning with 2018 crop year data, USDA NASS discontinued reporting canned production.

Source: USDA, Economic Research Service calculations.

Table G-22--Canned cherries, sweet: Supply and utilization, 1980/81 to date

Year ¹	Supply				Utilization			Per Capita use
	Production ²	Imports	Beginning stocks	Total supply	Ending stocks	Exports	Domestic	
			----- Million pounds -----					Pounds
1980/81	24.1	na	10.6	34.7	9.7	10.0	15.0	0.07
1981/82	17.2	na	9.7	26.9	4.9	8.9	13.1	0.06
1982/83	17.9	na	4.9	22.8	7.6	7.2	8.0	0.03
1983/84	18.6	na	7.6	26.2	9.0	7.5	9.7	0.04
1984/85	15.7	na	9.0	24.7	5.9	7.6	11.2	0.05
1985/86	18.9	na	5.9	24.8	7.2	8.4	9.2	0.04
1986/87	12.4	na	7.2	19.6	4.3	12.8	2.5	0.01
1987/88	20.4	na	4.3	24.7	6.8	13.5	4.4	0.02
1988/89	25.0	0.2	6.8	32.0	7.2	14.5	10.3	0.04
1989/90	25.0	0.4	na	25.4	na	10.5	14.9	0.06
1990/91	15.1	0.5	na	15.6	na	11.8	3.8	0.02
1991/92	13.1	0.5	na	13.6	na	7.5	6.1	0.02
1992/93	18.9	0.5	na	19.4	na	9.4	10.0	0.04
1993/94	15.6	0.5	na	16.0	na	8.4	7.6	0.03
1994/95	16.6	0.5	na	17.1	na	9.9	7.2	0.03
1995/96	21.4	0.6	na	22.0	na	11.8	10.2	0.04
1996/97	15.4	0.8	na	16.2	na	11.1	5.2	0.02
1997/98	19.7	0.8	na	20.5	na	10.9	9.6	0.03
1998/99	22.9	0.5	na	23.4	na	11.3	12.1	0.04
1999/2000	18.2	0.8	na	19.0	na	9.9	9.2	0.03
2000/01	13.2	0.8	na	14.0	na	10.6	3.4	0.01
2001/02	15.1	0.9	na	16.0	na	10.8	5.2	0.02
2002/03	9.7	0.9	na	10.5	na	9.9	0.6	0.00
2003/04	15.1	1.2	na	16.3	na	7.5	8.8	0.03
2004/05	15.7	1.3	na	17.0	na	11.2	5.8	0.02
2005/06	16.2	1.7	na	17.8	na	9.0	8.8	0.03
2006/07	14.8	1.3	na	16.1	na	11.0	5.1	0.02
2007/08	11.0	1.3	na	12.3	na	8.9	3.3	0.01
2008/09	7.8	1.5	na	9.4	na	6.3	3.1	0.01
2009/10	13.8	1.3	na	15.1	na	7.5	7.7	0.02
2010/11	5.3	1.9	na	7.2	na	7.0	0.2	0.00
2011/12	10.5	1.1	na	11.5	na	9.6	1.9	0.01
2012/13	9.9	2.4	na	12.3	na	8.7	3.6	0.01
2013/14	7.6	1.9	na	9.5	na	9.1	0.4	0.00
2014/15	5.9	2.7	na	8.5	na	6.3	2.2	0.01
2015/16	6.0	1.8	na	7.9	na	5.8	2.1	0.01
2016/17	4.5	1.4	na	5.9	na	5.0	0.9	0.00
2017/18	4.4	1.4	na	5.8	na	4.1	1.7	0.01
2018/19 ³	4.1	0.9	na	5.0	na	3.4	1.6	0.00

na = not available. ¹ Season begins in May of the first year shown. ² National Agricultural Statistics Service's canned utilization estimates converted to product weight. Product weight is equal to fresh weight divided by 1.195. ³ Canned production based on 5-year average share (4 percent) of total processed production. Beginning with 2018 crop year data, USDA NASS discontinued reporting canned production.

Source: USDA, Economic Research Service calculations.

Table G-23--Canned cherries, tart: Supply and utilization, 1980/81 to date

Year ¹	Supply			Utilization				Per capita use
	Production ²	Imports	Beginning stocks	Total supply	Ending stocks	Exports	Domestic	
	----- Million pounds -----							Pounds
1980/81	67.5	na	3.6	71.1	3.4	13.6	54.1	0.24
1981/82	37.2	na	3.4	40.6	0.6	0.9	39.1	0.17
1982/83	67.7	na	0.6	68.3	1.8	4.7	61.8	0.27
1983/84	35.5	na	1.8	37.3	0.3	0.9	36.1	0.15
1984/85	69.9	na	0.3	70.2	4.0	0.9	65.3	0.28
1985/86	57.9	na	4.0	61.9	2.6	0.9	58.4	0.24
1986/87	41.7	na	2.6	44.3	1.6	1.3	41.4	0.17
1987/88	68.0	na	1.6	69.6	1.7	3.4	64.5	0.26
1988/89	53.0	0.3	1.7	55.0	2.9	2.4	49.7	0.20
1989/90	48.2	0.7	na	48.9	na	7.6	41.3	0.17
1990/91	67.5	0.5	na	68.0	na	7.1	60.9	0.24
1991/92	58.0	0.3	na	58.3	na	7.6	50.7	0.20
1992/93	76.3	0.8	na	77.1	na	11.0	66.0	0.26
1993/94	88.7	0.6	na	89.3	na	11.0	78.3	0.30
1994/95	96.8	0.3	na	97.1	na	12.5	84.7	0.32
1995/96	88.9	0.3	na	89.2	na	16.1	73.0	0.27
1996/97	64.0	0.9	na	64.9	na	9.1	55.9	0.21
1997/98	82.0	1.0	na	83.0	na	8.9	74.1	0.27
1998/99	71.5	0.6	na	72.1	na	8.2	63.9	0.23
1999/2000	80.7	0.6	na	81.2	na	7.8	73.4	0.26
2000/01	90.6	0.8	na	91.4	na	18.3	73.1	0.26
2001/02	87.3	1.2	na	88.5	na	17.3	71.3	0.25
2002/03	16.5	2.2	na	18.7	na	9.8	9.0	0.03
2003/04	57.9	1.3	na	59.1	na	7.9	51.2	0.18
2004/05	44.3	1.7	na	46.0	na	8.3	37.7	0.13
2005/06	54.3	1.6	na	56.0	na	11.9	44.1	0.15
2006/07	46.4	1.2	na	47.5	na	11.7	35.9	0.12
2007/08	45.3	1.5	na	46.8	na	12.2	34.6	0.11
2008/09	47.3	1.6	na	48.9	na	11.0	37.9	0.12
2009/10	49.6	1.9	na	51.5	na	11.7	39.8	0.13
2010/11	33.5	1.9	na	35.4	na	11.4	24.0	0.08
2011/12	36.5	1.9	na	38.4	na	12.0	26.4	0.08
2012/13	6.2	2.3	na	8.4	na	11.0	0.0 ³	0.00 ³
2013/14	37.1	3.8	na	41.0	na	18.2	22.7	0.07
2014/15	27.7	4.8	na	32.6	na	20.4	12.2	0.04
2015/16	34.5	5.7	na	40.2	na	20.7	19.5	0.06
2016/17	36.1	6.7	na	42.8	na	21.3	21.5	0.07
2017/18	26.7	7.3	na	34.0	na	23.5	10.5	0.03
2018/19 ⁴	35.0	6.7	na	41.7	na	18.9	22.8	0.07

na = not available. ¹ Season begins in June of the first year shown. ² USDA's National Agricultural Statistics Service's canned utilization estimates converted to product weight. Product weight is equal to fresh weight multiplied by 0.95. ³ In the absence of stocks data, domestic utilization is forced to zero because exports more than represent total domestic supply in 2012/13. ⁴ Canned production based on 5-year average share (12 percent) of total processed production. Beginning with 2018 crop year data, USDA NASS discontinued reporting canned production.

Source: USDA, Economic Research Service calculations.

Table G-24--Canned olives: Supply and utilization, 1980/81 to date

Year ¹	Supply				Utilization			Per capita use
	Production ²	Imports	Beginning stocks	Total supply	Ending stocks	Exports	Domestic	
			----- Million pounds -----					Pounds
1980/81	39.2	86.1	50.2	175.5	45.3	5.4	124.8	0.55
1981/82	35.8	96.1	45.3	177.2	29.9	4.1	143.2	0.62
1982/83	299.8	107.7	29.9	437.4	92.9	4.0	340.5	1.46
1983/84	119.8	127.1	92.9	339.8	80.9	3.9	255.0	1.08
1984/85	185.1	120.7	80.9	386.7	87.2	3.2	296.3	1.25
1985/86	190.2	153.7	87.2	431.1	93.8	3.4	333.9	1.39
1986/87	222.6	158.3	93.7	474.6	114.6	3.0	357.0	1.48
1987/88	135.7	173.0	114.6	423.3	93.9	4.5	324.9	1.33
1988/89	166.4	135.1	93.9	395.4	89.4	5.2	300.8	1.22
1989/90	229.0	128.5	na	357.5	na	4.9	352.6	1.42
1990/91	233.2	111.4	na	344.6	na	4.3	340.3	1.35
1991/92	129.3	101.6	na	230.9	na	5.5	225.4	0.88
1992/93	323.3	118.3	na	441.6	na	7.2	434.4	1.68
1993/94	238.9	124.7	na	363.6	na	6.6	357.0	1.36
1994/95	158.8	115.6	na	274.3	na	8.3	266.0	1.00
1995/96	143.7	114.0	na	257.7	na	5.8	251.9	0.94
1996/97	322.2	130.6	na	452.8	na	8.1	444.7	1.64
1997/98	195.9	145.8	na	341.7	na	7.3	334.4	1.22
1998/99	163.2	152.6	na	315.8	na	7.8	308.0	1.11
1999/2000	259.7	155.3	na	415.0	na	6.1	408.9	1.46
2000/01	98.6	175.2	na	273.7	na	5.3	268.4	0.95
2001/02	265.0	190.1	na	455.1	na	5.3	449.7	1.57
2002/03	196.5	210.9	na	407.4	na	4.9	402.5	1.39
2003/04	225.8	210.9	na	436.7	na	4.4	432.3	1.48
2004/05	191.9	215.1	na	406.9	na	5.6	401.4	1.36
2005/06	256.9	213.8	na	470.8	na	7.2	463.6	1.56
2006/07	39.2	224.3	na	263.5	na	6.6	256.9	0.85
2007/08	245.9	224.5	na	470.4	na	6.7	463.7	1.53
2008/09	109.2	211.7	na	320.9	na	7.6	313.3	1.02
2009/10	55.1	262.4	na	317.5	na	6.7	310.9	1.01
2010/11	343.4	232.1	na	575.5	na	7.2	568.4	1.83
2011/12	60.8	231.7	na	292.5	na	7.6	284.9	0.91
2012/13	180.0	234.3	na	414.3	na	8.2	406.1	1.29
2013/14	189.3	232.4	na	421.7	na	11.1	410.6	1.29
2014/15	77.2	233.6	na	310.8	na	13.4	297.4	0.93
2015/16	158.2	243.5	na	401.7	na	9.9	391.7	1.22
2016/17	138.0	224.8	na	362.8	na	10.4	352.4	1.09
2017/18	185.1	228.8	na	413.8	na	10.4	403.4	1.24
2018/19	36.0	253.5	na	289.5	na	11.5	278.0	0.85

na = not available. ¹ Season begins in August of the first year shown. ² USDA's National Agricultural Statistics Service's limited and canned utilization estimates converted to product weight. Product weight is equal to fresh weight multiplied by 1.06.

Source: USDA, Economic Research Service calculations.

Table G-25--Canned peaches: Supply and utilization, 1980/81 to date

Year ¹	Supply				Utilization			Per capita use
	Production ²	Imports	Beginning stocks	Total supply	Ending stocks	Exports	Domestic	
	----- Million pounds -----							Pounds
1980/81	1,798.0	0.6	212.1	2,010.7	320.5	129.6	1,560.6	6.82
1981/82	1,408.4	0.4	320.5	1,729.3	360.9	87.9	1,280.5	5.54
1982/83	1,180.7	0.8	360.9	1,542.4	242.4	79.3	1,220.7	5.23
1983/84	810.5	52.5	242.4	1,105.4	49.6	35.0	1,020.8	4.34
1984/85	1,234.3	55.8	49.6	1,339.7	182.3	25.2	1,132.2	4.77
1985/86	1,179.1	63.5	182.3	1,424.9	260.8	31.1	1,133.0	4.73
1986/87	1,112.3	38.2	260.8	1,411.3	156.3	35.2	1,219.8	5.04
1987/88	1,052.5	56.0	156.3	1,264.8	66.7	41.1	1,157.0	4.74
1988/89	1,183.2	99.3	66.7	1,349.2	101.5	38.7	1,209.0	4.91
1989/90	1,102.1	85.0	na	1,187.1	na	31.7	1,155.4	4.65
1990/91	1,153.1	31.1	na	1,184.2	na	41.3	1,142.9	4.54
1991/92	1,184.5	75.8	na	1,260.3	na	43.0	1,217.3	4.77
1992/93	1,315.9	48.3	na	1,364.2	na	43.7	1,320.6	5.11
1993/94	1,253.5	46.8	na	1,300.3	na	42.6	1,257.7	4.81
1994/95	1,253.4	45.7	na	1,299.1	na	41.4	1,257.7	4.75
1995/96	976.2	31.1	na	1,007.3	na	46.9	960.3	3.58
1996/97	1,193.2	61.9	na	1,255.1	na	35.3	1,219.8	4.50
1997/98	1,329.4	48.5	na	1,377.8	na	41.9	1,335.9	4.87
1998/99	1,182.2	30.7	na	1,212.9	na	60.3	1,152.6	4.15
1999/2000	1,195.2	57.8	na	1,253.0	na	45.3	1,207.8	4.30
2000/01	1,232.2	105.5	na	1,337.7	na	31.2	1,306.4	4.60
2001/02	1,087.7	137.8	na	1,225.5	na	18.9	1,206.6	4.21
2002/03	1,273.2	106.7	na	1,379.9	na	44.6	1,335.3	4.61
2003/04	1,196.4	71.8	na	1,268.2	na	96.1	1,172.1	4.01
2004/05	1,257.5	82.4	na	1,339.9	na	78.1	1,261.8	4.28
2005/06	1,151.2	105.4	na	1,256.6	na	63.7	1,193.0	4.01
2006/07	897.8	185.5	na	1,083.3	na	40.2	1,043.1	3.47
2007/08	1,163.6	189.4	na	1,352.9	na	66.2	1,286.8	4.24
2008/09	1,023.1	139.5	na	1,162.5	na	68.2	1,094.4	3.57
2009/10	1,113.0	140.4	na	1,253.4	na	37.0	1,216.5	3.94
2010/11	1,028.3	150.3	na	1,178.6	na	49.8	1,128.9	3.64
2011/12	929.3	117.9	na	1,047.1	na	62.3	984.8	3.15
2012/13	875.1	173.8	na	1,049.0	na	56.5	992.4	3.15
2013/14	887.4	205.2	na	1,092.6	na	49.7	1,043.0	3.29
2014/15	792.5	235.9	na	1,028.4	na	44.7	983.7	3.08
2015/16	814.9	256.6	na	1,071.5	na	25.9	1,045.6	3.25
2016/17	773.6	212.0	na	985.7	na	18.5	967.2	2.98
2017/18	723.5	190.3	na	913.8	na	20.9	892.9	2.74
2018/19 ³	536.5	208.8	na	745.3	na	14.5	730.8	2.23

na = not available. ¹ Season begins in June of the first year shown. ² USDA's National Agricultural Statistics Service's canned utilization estimates converted to product weight. Product weight is equal to fresh weight multiplied by 1.2. ³ Canned production based on 5-year average share (75 percent) of total processed production. Beginning with 2018 crop year data, USDA NASS discontinued reporting canned production.

Source: USDA, Economic Research Service calculations.

Table G-26--Canned pears: Supply and utilization, 1980/81 to date

Year ¹	Supply				Utilization			Per capita use
	Production ²	Imports	Beginning stocks	Total supply	Ending stocks	Exports	Domestic	
	----- Million pounds -----							Pounds
1980/81	1,102.6	0.0	163.0	1,265.6	211.0	5.7	1,048.9	4.58
1981/82	1,032.0	0.0	211.0	1,243.0	226.3	6.3	1,010.4	4.37
1982/83	869.2	0.1	226.3	1,095.6	144.7	5.2	945.7	4.05
1983/84	781.1	2.1	144.7	927.9	68.0	2.8	857.1	3.64
1984/85	746.4	13.6	68.0	828.0	71.6	2.5	753.9	3.17
1985/86	794.6	36.0	71.6	902.2	131.3	1.7	769.2	3.21
1986/87	769.9	5.4	131.3	906.6	72.5	3.0	831.1	3.44
1987/88	962.5	1.0	72.5	1,036.0	86.2	2.2	947.6	3.88
1988/89	866.5	na	na	866.5	na	na	866.5	3.52
1989/90	924.5	3.4	na	927.9	na	4.2	923.7	3.71
1990/91	992.8	1.1	na	993.9	na	7.3	986.6	3.92
1991/92	881.7	0.0	na	881.7	na	12.9	868.8	3.41
1992/93	958.3	0.5	na	958.8	na	8.4	950.4	3.68
1993/94	878.2	5.2	na	883.4	na	6.8	876.7	3.35
1994/95	988.9	2.8	na	991.7	na	10.4	981.3	3.71
1995/96	806.1	0.9	na	807.0	na	16.3	790.7	2.95
1996/97	721.4	48.1	na	769.5	na	7.8	761.6	2.81
1997/98	939.2	13.5	na	952.8	na	11.0	941.8	3.43
1998/99	908.0	11.9	na	919.9	na	10.8	909.1	3.28
1999/2000	954.5	2.6	na	957.1	na	9.7	947.4	3.37
2000/01	804.1	9.1	na	813.1	na	12.7	800.4	2.82
2001/02	842.2	27.0	na	869.3	na	14.1	855.2	2.98
2002/03	728.3	33.7	na	761.9	na	11.6	750.4	2.59
2003/04	737.0	47.9	na	784.9	na	9.5	775.4	2.65
2004/05	718.3	43.3	na	761.5	na	23.1	738.4	2.50
2005/06	634.5	68.8	na	703.4	na	23.7	679.7	2.28
2006/07	660.8	74.3	na	735.1	na	18.6	716.5	2.38
2007/08	639.8	72.1	na	711.9	na	17.6	694.3	2.29
2008/09	639.9	63.0	na	702.9	na	16.6	686.4	2.24
2009/10	704.0	63.6	na	767.6	na	13.9	753.7	2.44
2010/11	563.9	59.5	na	623.4	na	18.8	604.6	1.95
2011/12	642.8	49.7	na	692.5	na	18.2	674.4	2.16
2012/13	598.6	62.3	na	660.9	na	18.5	642.4	2.04
2013/14	583.6	69.1	na	652.7	na	13.7	639.0	2.01
2014/15	562.3	77.8	na	640.2	na	10.9	629.3	1.97
2015/16	576.7	76.8	na	653.5	na	10.7	642.8	2.00
2016/17	461.7	69.4	na	531.2	na	16.5	514.7	1.59
2017/18	490.4	69.4	na	559.8	na	17.3	542.5	1.66
2018/19	485.1	62.3	na	547.5	na	8.2	539.3	1.64

na = not available. ¹ Season begins in July of the first year shown. ² USDA's National Agricultural Statistics Service's canned utilization estimates

converted to product weight. Product weight is equal to fresh weight. For canned production, using NASS production estimates for all pears processed.

Source: USDA, Economic Research Service calculations.

Table G-27--Canned pineapples: Supply and utilization, processed-weight basis, 1980 to date

Year	Supply			Utilization		Per capita use
	Production ¹	Imports	Total supply	Exports	Domestic	
	----- Million pounds -----					Pounds
1980	351.4	461.9	813.3	20.2	793.0	3.48
1981	328.0	429.7	757.7	23.5	734.2	3.19
1982	342.5	427.8	770.3	26.8	743.5	3.20
1983	380.4	404.9	785.3	26.6	758.8	3.24
1984	304.0	418.1	722.1	28.1	694.0	2.94
1985	278.7	526.6	805.3	16.2	789.2	3.31
1986	324.8	558.7	883.6	22.2	861.4	3.58
1987	222.0	528.8	750.8	15.9	734.9	3.03
1988	209.3	547.7	757.0	27.5	729.5	2.98
1989	173.1	649.4	822.5	19.9	802.6	3.24
1990	172.7	604.0	776.7	15.5	761.2	3.05
1991	171.1	632.8	803.9	18.5	785.4	3.10
1992	167.1	761.6	928.7	14.0	914.7	3.56
1993	93.5	761.9	855.4	9.7	845.7	3.25
1994	93.5	740.7	834.2	8.3	825.9	3.14
1995	87.5	655.0	742.5	8.0	734.5	2.76
1996	92.3	659.8	752.2	7.5	744.6	2.76
1997	87.9	661.2	749.1	8.3	740.8	2.72
1998	87.9	548.4	636.3	10.3	626.0	2.27
1999	91.5	758.4	849.9	6.6	843.4	3.02
2000	92.3	704.4	796.7	5.5	791.1	2.80
2001	84.8	648.1	732.9	4.7	728.2	2.55
2002	80.8	684.5	765.2	4.2	761.0	2.64
2003	67.6	744.7	812.4	6.0	806.3	2.77
2004	46.2	725.7	771.9	6.5	765.4	2.61
2005	42.2	790.8	833.0	8.1	824.9	2.79
2006	35.4	807.7	843.1	6.5	836.6	2.80
2007	²	774.8	774.8	6.9	767.9	2.54
2008	²	785.8	785.8	8.5	777.3	2.55
2009	²	753.7	753.7	7.5	746.2	2.43
2010	d	702.9	702.9	4.9	698.0	2.25
2011	d	730.3	730.3	5.5	724.7	2.32
2012	d	730.4	730.4	4.5	725.8	2.31
2013	d	752.1	752.1	5.7	746.5	2.36
2014	d	694.4	694.4	4.7	689.7	2.16
2015	d	739.0	739.0	5.7	733.3	2.28
2016	d	708.2	708.2	6.2	702.0	2.17
2017	d	695.8	695.8	5.9	690.0	2.12
2018	d	660.6	660.6	4.7	655.9	2.00

d=discontinued. ¹ Approximated from processed use by USDA, National Agricultural Statistics Service. Product weight is equal to fresh weight divided by 1.709.

² Production data not published to avoid disclosure of individual operation and then discontinued beginning in 2010.

Source: USDA, Economic Research Service calculations.

Table G-28--Canned plums: Supply and utilization, 1980/81 to date

Year ¹	Supply				Utilization			Per capita use
	Production ²	Imports	Beginning stocks	Total supply	Ending stocks	Exports	Domestic	
			----- Million pounds -----					Pounds
1980/81	55.9	1.8	6.8	64.5	22.9	1.1	40.5	0.18
1981/82	51.0	1.6	22.9	75.5	28.2	0.9	46.4	0.20
1982/83	24.9	1.8	28.2	54.9	10.4	1.0	43.5	0.19
1983/84	28.5	2.3	10.4	41.2	4.3	1.0	35.9	0.15
1984/85	34.4	2.8	4.3	41.5	8.3	1.0	32.2	0.14
1985/86	43.5	2.1	8.3	53.9	12.6	0.8	40.5	0.17
1986/87	39.9	2.0	12.6	54.5	14.3	0.8	39.4	0.16
1987/88	35.9	1.2	14.3	51.4	8.3	0.9	42.2	0.17
1988/89	43.5	0.9	8.3	52.7	9.4	0.8	42.5	0.17
1989/90	39.1	1.1	na	40.2	na	0.2	40.0	0.16
1990/91	29.0	1.6	na	30.6	na	0.2	30.4	0.12
1991/92	20.7	1.6	na	22.3	na	0.2	22.1	0.09
1992/93	40.5	1.7	na	42.2	na	na	42.2	0.16
1993/94	26.3	2.1	na	28.4	na	na	28.4	0.11
1994/95	32.2	1.9	na	34.0	na	na	34.0	0.13
1995/96	17.1	1.9	na	19.0	na	na	19.0	0.07
1996/97	17.2	1.7	na	18.9	na	na	18.9	0.07
1997/98	26.3	1.6	na	27.9	na	na	27.9	0.10
1998/99	21.9	1.8	na	23.7	na	na	23.7	0.09
1999/2000	16.3	1.6	na	17.9	na	na	17.9	0.06
2000/01	16.3	1.8	na	18.1	na	na	18.1	0.06
2001/02	13.5	1.7	na	15.2	na	na	15.2	0.05
2002/03	10.1	2.0	na	12.1	na	na	12.1	0.04
2003/04	9.4	2.1	na	11.4	na	na	11.4	0.04
2004/05	9.5	2.4	na	11.9	na	na	11.9	0.04
2005/06	7.4	2.6	na	10.0	na	na	10.0	0.03
2006/07	9.8	2.1	na	11.9	na	na	11.9	0.04
2007/08	7.7	1.6	na	9.3	na	na	9.3	0.03
2008/09	6.4	1.7	na	8.2	na	na	8.2	0.03
2009/10	6.4	1.8	na	8.2	na	na	8.2	0.03
2010/11	4.2	1.8	na	6.0	na	na	6.0	0.02
2011/12	4.4	1.8	na	6.2	na	na	6.2	0.02
2012/13	2.3	1.5	na	3.8	na	na	3.8	0.01
2013/14	4.2	1.8	na	5.9	na	na	5.9	0.02
2014/15	2.1	1.8	na	3.9	na	na	3.9	0.01
2015/16	4.4	2.0	na	6.4	na	na	6.4	0.02
2016/17	d	2.3	na	2.3	na	na	2.3	0.01
2017/18	d	2.4	na	2.4	na	na	2.4	0.01
2018/19	d	2.2	na	2.2	na	na	2.2	0.01

d=discontinued. na = not available. ¹ Season begins in August of the first year shown. ² USDA, National Agricultural Statistics Service's canned utilization estimates converted to product weight. Product weight is equal to fresh weight multiplied by 1.51.

Source: USDA, Economic Research Service calculations.

Table G-29--Apple juice and cider: Supply and utilization, 1980/81 to date

Year ¹	Supply			Utilization		Per capita use
	Production	Imports	Total supply	Exports	Domestic	
	----- Million gallons, single-strength equivalent -----					Gallons
1980/81	178.1	77.0	255.1	6.9	248.2	1.08
1981/82	149.9	79.3	229.1	7.1	222.0	0.96
1982/83	150.7	139.8	290.4	7.0	283.4	1.21
1983/84	165.4	151.8	317.2	6.6	310.6	1.32
1984/85	157.2	211.7	368.9	4.8	364.3	1.53
1985/86	153.5	220.2	373.7	5.9	367.6	1.53
1986/87	136.9	235.8	372.7	6.9	365.8	1.51
1987/88	244.1	165.4	409.5	14.3	395.2	1.62
1988/89	152.0	250.7	402.7	9.9	392.8	1.60
1989/90	172.3	197.9	370.3	10.7	359.6	1.45
1990/91	173.1	277.1	450.1	16.5	433.6	1.72
1991/92	182.8	219.7	402.5	17.3	385.2	1.51
1992/93	206.0	213.1	419.1	15.8	403.3	1.56
1993/94	198.5	277.5	476.0	11.0	465.1	1.78
1994/95	225.5	257.4	482.9	13.5	469.4	1.77
1995/96	211.3	226.6	438.0	16.1	421.9	1.57
1996/97	181.9	291.2	473.2	13.7	459.4	1.69
1997/98	178.8	253.9	432.6	10.2	422.4	1.54
1998/99	207.1	299.8	506.9	9.1	497.8	1.79
1999/2000	206.1	303.3	509.4	9.2	500.2	1.78
2000/01	194.5	318.1	512.6	7.0	505.6	1.78
2001/02	162.0	353.7	515.7	7.0	508.7	1.77
2002/03	123.3	399.9	523.2	5.6	517.6	1.79
2003/04	119.5	449.5	569.0	5.7	563.2	1.93
2004/05	155.8	471.3	627.2	5.8	621.3	2.11
2005/06	141.2	418.1	559.3	7.1	552.1	1.86
2006/07	129.2	538.8	668.0	7.6	660.5	2.20
2007/08	104.8	590.6	695.4	9.0	686.4	2.26
2008/09	112.4	534.8	647.2	8.0	639.1	2.09
2009/10	115.8	541.1	656.9	15.5	641.4	2.08
2010/11	105.5	587.0	692.5	9.0	683.4	2.20
2011/12	100.7	446.7	547.4	9.3	538.1	1.72
2012/13	92.7	507.7	600.4	8.9	591.5	1.88
2013/14	127.6	445.9	573.4	9.6	563.8	1.78
2014/15	126.8	432.5	559.2	11.0	548.2	1.71
2015/16	111.8	504.2	616.0	10.8	605.2	1.88
2016/17	111.8	512.2	624.0	11.8	612.2	1.89
2017/18	116.2	502.5	618.8	14.2	604.6	1.85
2018/19 ²	107.9	507.0	614.9	13.8	601.1	1.83

¹ Marketing year begins in August of the first year shown.² Juice and cider production based on 5-year average share (43 percent) of total processed production. Beginning with 2018 crop year data, USDA NASS discontinued reporting juice and cider production.

Source: USDA, Economic Research Service calculations.

Table G-30--Grape juice: Supply and utilization, 1980/81 to date

Year ¹	Supply			Utilization		Per capita use
	Production	Imports	Total supply	Exports	Domestic	
	<i>----- Million gallons, single-strength equivalent -----</i>					<i>Gallons</i>
1980/81	62.7	1.1	63.7	7.1	56.6	0.25
1981/82	60.7	1.8	62.5	7.9	54.6	0.24
1982/83	63.3	1.7	65.0	9.7	55.3	0.24
1983/84	81.2	6.1	87.3	9.3	78.1	0.33
1984/85	68.4	7.3	75.7	7.9	67.8	0.29
1985/86	53.9	7.5	61.4	6.1	55.3	0.23
1986/87	56.3	6.2	62.6	9.5	53.1	0.22
1987/88	74.8	7.9	82.6	9.4	73.2	0.30
1988/89	63.9	15.8	79.7	14.2	65.5	0.27
1989/90	70.7	23.7	94.3	18.9	75.5	0.31
1990/91	59.2	26.3	85.5	14.9	70.6	0.28
1991/92	75.2	33.2	108.4	18.7	89.7	0.36
1992/93	73.5	46.8	120.3	22.6	97.7	0.38
1993/94	84.8	24.6	109.4	18.8	90.6	0.35
1994/95	76.5	17.0	93.5	17.7	75.8	0.29
1995/96	90.7	49.3	140.0	19.6	120.4	0.45
1996/97	65.9	59.9	125.8	23.9	101.9	0.38
1997/98	84.6	47.4	132.0	22.1	110.0	0.41
1998/99	64.2	34.6	98.8	23.5	75.3	0.27
1999/2000	91.3	51.3	142.6	21.1	121.5	0.44
2000/01	77.1	40.3	117.5	21.6	95.9	0.34
2001/02	67.2	50.0	117.2	23.2	94.0	0.33
2002/03	75.9	51.5	127.4	21.8	105.5	0.37
2003/04	87.0	53.2	140.3	23.4	116.8	0.40
2004/05	72.2	64.1	136.3	24.0	112.3	0.38
2005/06	112.6	61.4	174.0	22.9	151.1	0.51
2006/07	72.4	71.9	144.3	12.2	132.0	0.44
2007/08	104.3	80.5	184.7	15.6	169.1	0.56
2008/09	87.1	65.4	152.5	14.9	137.6	0.45
2009/10	79.7	50.1	129.8	13.8	116.0	0.38
2010/11	73.4	56.7	130.1	15.1	115.0	0.37
2011/12	85.5	63.2	148.6	16.9	131.8	0.42
2012/13	63.1	62.2	125.2	18.9	106.4	0.34
2013/14	91.7	62.3	153.9	17.3	136.7	0.43
2014/15	100.0	48.5	148.5	9.4	139.1	0.44
2015/16	79.2	47.2	126.5	8.5	118.0	0.37
2016/17	88.8	32.7	121.5	9.3	112.2	0.35
2017/18	82.2	30.4	112.6	10.5	102.1	0.32
2018/19 ²	84.7	40.9	125.6	8.7	117.0	0.36

¹ Marketing year begins in August of the first year shown.

² Juice production based on 5-year average share (7 percent) of total processed production. Beginning with 2018 crop year data, USDA NASS discontinued reporting juice production.

Source: USDA, Economic Research Service calculations.

Table G-31--Grapefruit juice: Supply and utilization, 1980/81 to date

Season ¹	Supply				Utilization			Per capita use
	Production	Imports	Beginning stocks ²	Total supply	Ending stocks	Exports ³	Domestic	
	----- Million gallons, single-strength equivalent -----							Gallons
1980/81	183.3	na	97.4	280.7	93.1	22.2	165.3	0.72
1981/82	197.8	na	93.1	291.0	110.8	20.2	160.0	0.69
1982/83	127.2	na	110.8	238.0	67.9	17.0	153.0	0.65
1983/84	124.4	na	67.9	192.3	95.2	18.3	78.9	0.33
1984/85	152.5	na	95.2	247.7	87.8	15.3	144.6	0.61
1985/86	147.4	na	87.8	235.2	106.3	13.8	115.1	0.48
1986/87	170.9	na	106.3	277.3	91.9	20.0	165.3	0.68
1987/88	182.1	na	91.9	274.0	156.1	28.4	89.5	0.36
1988/89	182.5	na	156.1	338.6	170.0	20.3	148.4	0.60
1989/90	126.8	6.0	170.0	302.8	59.3	16.3	227.2	0.91
1990/91	129.0	1.5	59.3	189.8	41.6	16.4	131.8	0.52
1991/92	119.5	4.2	41.6	165.3	38.6	23.2	103.5	0.40
1992/93	186.3	1.9	38.6	226.8	70.5	22.0	134.3	0.52
1993/94	168.5	0.9	70.5	239.8	59.4	17.4	163.0	0.62
1994/95	190.8	0.9	59.4	251.1	72.0	22.1	157.0	0.59
1995/96	171.3	0.5	72.0	243.8	66.6	26.8	150.4	0.56
1996/97	192.3	0.2	66.6	259.0	86.3	21.3	151.5	0.56
1997/98	166.3	0.2	86.3	252.7	68.5	18.1	166.2	0.60
1998/99	171.5	1.3	68.5	241.3	54.8	24.3	162.2	0.58
1999/2000	204.3	5.0	54.8	264.0	82.6	32.9	148.5	0.53
2000/01	185.3	0.9	82.6	268.8	74.9	39.0	154.9	0.54
2001/02	180.2	0.3	74.9	255.4	83.6	36.3	135.5	0.47
2002/03	141.6	0.4	83.6	225.6	72.6	38.3	114.7	0.39
2003/04	147.8	0.5	72.6	220.8	65.7	42.3	112.8	0.38
2004/05	50.6	11.5	65.7	127.8	35.5	23.9	68.4	0.23
2005/06	80.8	5.6	35.5	121.9	42.0	18.7	61.2	0.20
2006/07	121.4	0.9	42.0	164.4	57.9	20.2	86.3	0.29
2007/08	109.2	0.3	57.9	167.4	59.8	16.1	91.6	0.30
2008/09	83.6	0.5	59.8	143.9	47.4	15.6	80.9	0.26
2009/10	77.1	0.6	47.4	125.1	44.7	12.8	67.6	0.22
2010/11	83.9	0.4	44.7	128.9	36.6	15.9	76.4	0.24
2011/12	77.3	0.5	36.6	114.4	40.1	15.1	59.3	0.19
2012/13	76.9	0.8	40.1	117.7	37.9	14.6	65.3	0.21
2013/14	66.2	0.3	37.9	104.3	36.0	12.4	55.9	0.18
2014/15	48.9	0.3	36.0	85.2	30.5	11.0	43.8	0.14
2015/16	45.4	0.8	30.5	76.7	30.0	9.5	37.2	0.12
2016/17	36.0	2.8	30.0	68.8	26.7	9.0	33.1	0.10
2017/18	23.9	6.7	26.7	57.2	19.4	8.6	29.2	0.09
2018/19 P	34.9	12.3	19.4	66.6	22.7	6.3	37.5	0.11

na = not available. P = Preliminary ¹ Season began in December of the first year shown from 1980/81 to 1997/98. As of 1998/99, season begins in October.

² Stock data were adjusted beginning with 1989/90 ending stock data to reflect Florida inventories more accurately.

³ Exports include shipments to territories until 1986/87.

Source: USDA, Economic Research Service calculations.

Table G-32--Orange juice: Supply and utilization, 1985/86 to date

Season ¹	Supply				Utilization			Per capita use
	Production	Imports	Beginning stocks	Total supply	Ending stocks	Exports	Domestic	
----- Million gallons, single-strength equivalent -----								Gallons
1985/86	683	546	249	1,478	204	71	1,204	5.00
1986/87	781	396	204	1,381	201	73	1,106	4.57
1987/88	907	296	201	1,404	212	90	1,103	4.52
1988/89	970	272	212	1,454	233	73	1,148	4.66
1989/90	652	350	233	1,235	225	90	920	3.70
1990/91	876	320	225	1,422	158	94	1,170	4.65
1991/92	930	286	158	1,374	170	107	1,096	4.30
1992/93	1,207	298	170	1,675	249	117	1,308	5.06
1993/94	1,133	425	249	1,807	360	105	1,342	5.13
1994/95	1,257	240	360	1,857	434	117	1,306	4.93
1995/96	1,271	221	434	1,927	417	127	1,383	5.16
1996/97	1,437	295	417	2,149	564	149	1,436	5.23
1997/98	1,555	281	564	2,400	679	146	1,575	5.82
1998/99	1,236	350	679	2,265	534	147	1,584	5.53
1999/2000	1,493	339	534	2,366	645	146	1,575	5.57
2000/01	1,387	258	645	2,291	698	123	1,470	5.18
2001/02	1,433	189	698	2,321	688	181	1,452	5.06
2002/03	1,250	291	688	2,229	707	103	1,419	4.90
2003/04	1,467	222	707	2,395	822	123	1,451	4.96
2004/05	972	358	822	2,151	623	119	1,408	4.77
2005/06	986	299	623	1,909	459	138	1,312	4.41
2006/07	889	399	459	1,747	376	123	1,248	4.15
2007/08	1,156	404	376	1,935	647	136	1,153	3.80
2008/09	1,060	317	647	2,025	679	125	1,221	3.99
2009/10	840	328	679	1,848	557	147	1,143	3.70
2010/11	919	265	557	1,742	391	210	1,140	3.67
2011/12	959	223	391	1,574	449	154	971	3.10
2012/13	847	421	449	1,717	534	159	1,024	3.25
2013/14	663	418	534	1,615	483	158	974	3.07
2014/15	592	460	483	1,534	499	113	922	2.88
2015/16	503	390	499	1,392	420	92	880	2.73
2016/17	422	419	420	1,261	374	79	809	2.49
2017/18	261	576	374	1,210	364	48	798	2.45
2018/19 P	459	480	364	1,303	526	42	735	2.24

P = Preliminary. ¹ Season began in December of first year shown from 1985/86 to 1997/98. As of 1998/99, season begins in October.

Source: USDA, Economic Research Service calculations.

Table G-33--Pineapple juice: Supply and utilization, 1980 to date

Calendar Year	Supply			Utilization		Per capita use
	Production ¹	Imports	Total supply	Exports	Domestic	
	----- Million gallons, single-strength equivalent -----					Gallons
1980	34.1	39.8	73.9	3.7	70.1	0.31
1981	31.8	37.3	69.2	4.1	65.1	0.28
1982	33.2	38.0	71.2	4.2	67.0	0.29
1983	36.9	32.6	69.5	4.1	65.5	0.28
1984	29.5	37.7	67.2	3.3	63.9	0.27
1985	27.0	56.6	83.7	2.9	80.8	0.34
1986	31.5	65.9	97.4	2.7	94.7	0.39
1987	49.1	56.5	105.6	1.8	103.8	0.43
1988	46.3	60.0	106.3	1.9	104.4	0.43
1989	38.3	74.0	112.3	2.7	109.6	0.44
1990	38.2	89.4	127.6	3.4	124.2	0.50
1991	37.8	92.9	130.8	3.9	126.8	0.50
1992	37.0	87.9	124.9	3.5	121.4	0.47
1993	20.7	89.0	109.7	2.3	107.4	0.41
1994	20.7	73.2	93.9	2.1	91.8	0.35
1995	19.4	85.0	104.4	2.6	101.7	0.38
1996	20.4	83.9	104.3	1.6	102.6	0.38
1997	19.4	76.1	95.5	1.6	93.9	0.34
1998	19.4	61.5	81.0	1.8	79.1	0.29
1999	20.2	72.8	93.0	2.4	90.6	0.32
2000	20.4	67.4	87.8	2.1	85.6	0.30
2001	18.7	70.8	89.6	1.0	88.5	0.31
2002	17.9	75.4	93.2	1.1	92.2	0.32
2003	15.0	83.9	98.9	1.4	97.5	0.34
2004	10.2	69.1	79.3	0.7	78.6	0.27
2005	9.3	67.7	77.0	1.0	76.0	0.26
2006	7.8	72.8	80.6	0.9	79.7	0.27
2007	²	66.3	66.3	1.1	65.2	0.22
2008	²	83.0	83.0	1.2	81.8	0.27
2009	²	84.2	84.2	1.3	83.0	0.27
2010	d	67.5	67.5	1.1	66.4	0.21
2011	d	73.1	73.1	1.5	71.7	0.23
2012	d	68.1	68.1	1.5	66.7	0.21
2013	d	67.1	67.1	1.0	66.1	0.21
2014	d	67.6	67.6	0.7	67.0	0.21
2015	d	64.9	64.9	0.4	64.5	0.20
2016	d	67.7	67.7	0.6	67.2	0.21
2017	d	65.8	65.8	0.4	65.4	0.20
2018	d	42.3	42.3	0.4	41.9	0.13

d= discontinued. ¹ Approximated from processed use reported by USDA, National Agricultural Statistics Service.² NASS production data not published to avoid disclosure of individual operations, and then data discontinued beginning in 2010.

Source: USDA, Economic Research Service calculations.

Table G-34--Dried plums (prunes): Supply and utilization, 1980/81 to date

Season ¹	Supply			Utilization					Per capita use
	Production ²	Imports	Beginning stocks	Total supply	Ending stocks	Total use	Exports	Domestic	
----- Million pounds, processed weight -----									Pounds
1980/81	259.0	0.1	76.0	335.1	114.9	220.2	120.8	99.4	0.43
1981/82	251.0	0.2	114.9	366.1	132.2	233.9	128.3	105.6	0.46
1982/83	184.5	0.8	132.2	317.5	102.3	215.2	116.4	98.8	0.42
1983/84	225.1	1.6	102.3	329.0	102.9	226.1	116.2	109.9	0.47
1984/85	238.1	1.0	102.9	342.0	125.0	217.0	103.3	113.7	0.48
1985/86	224.5	2.9	125.0	352.4	128.2	224.2	106.4	117.8	0.49
1986/87	140.3	3.2	128.2	271.7	41.2	230.5	120.0	110.5	0.46
1987/88	399.1	1.1	41.2	441.4	155.6	285.8	130.1	155.7	0.64
1988/89	236.3	1.1	155.6	393.0	118.0	275.0	126.4	148.6	0.60
1989/90	388.4	1.8	118.0	508.2	166.5	341.7	156.7	185.0	0.74
1990/91	227.3	1.8	166.5	395.6	67.9	327.7	168.9	158.8	0.63
1991/92	316.4	1.8	67.9	386.1	69.1	317.0	155.3	161.7	0.63
1992/93	313.5	5.0	69.1	387.6	99.7	287.9	151.5	136.4	0.52
1993/94	187.7	7.3	99.7	294.7	52.1	242.6	129.3	113.3	0.43
1994/95	342.5	1.1	52.1	395.7	111.4	284.2	148.8	135.4	0.51
1995/96	309.5	0.6	111.4	421.5	144.9	276.6	142.4	134.2	0.50
1996/97	399.1	1.0	144.9	545.0	215.0	330.0	150.3	179.7	0.66
1997/98	370.1	0.4	215.0	585.5	281.6	304.0	160.8	143.1	0.52
1998/99	151.5	1.4	281.6	434.5	119.9	314.6	164.1	150.5	0.54
1999/2000	286.9	1.0	119.9	407.9	145.7	262.1	151.5	110.7	0.39
2000/01	363.2	1.0	145.7	509.9	216.7	293.2	162.5	130.7	0.46
2001/02	227.5	1.9	216.7	446.0	162.4	283.6	154.5	129.1	0.45
2002/03	289.1	1.6	162.4	453.1	165.2	288.0	134.3	153.7	0.53
2003/04	291.7	1.1	165.2	458.0	156.4	301.6	173.3	128.2	0.44
2004/05	76.7	19.1	156.4	252.2	54.0	198.3	92.8	105.5	0.36
2005/06	159.0	16.5	54.0	229.4	39.5	189.9	85.8	104.1	0.35
2006/07	351.7	3.4	39.5	394.6	169.2	225.4	136.1	89.3	0.30
2007/08	116.9	1.6	169.2	287.8	66.8	221.0	133.0	88.1	0.29
2008/09	232.8	7.4	66.8	306.9	108.1	198.9	110.7	88.1	0.29
2009/10	304.1	2.8	108.1	415.0	193.9	221.1	123.4	97.8	0.32
2010/11	230.6	1.2	193.9	425.7	169.7	256.0	151.3	104.7	0.34
2011/12	249.0	1.2	169.7	419.8	145.0	274.9	149.8	125.0	0.40
2012/13	259.1	2.0	145.0	406.1	143.8	262.3	156.1	106.2	0.34
2013/14	151.1	13.6	143.8	308.5	72.6	236.0	111.9	124.1	0.39
2014/15	208.7	19.2	72.6	300.5	101.2	199.2	105.0	94.3	0.29
2015/16	212.2	32.1	101.2	345.5	154.1	191.5	86.4	105.1	0.33
2016/17	105.3	50.0	154.1	309.4	107.6	201.8	74.8	127.0	0.39
2017/18	204.4	15.4	107.6	327.4	165.2	162.2	81.2	81.0	0.25
2018/19 P	172.6	15.2	165.2	352.9	183.9	169.0	72.6	96.5	0.29

P = Preliminary. ¹ Season begins in August of the first year shown. ² Total production minus quantity used for juice.

Source: USDA, Economic Research Service calculations.

Table G-35--Raisins: Supply and utilization, 1980/81 to 2017/18¹

Season ²	Supply			Utilization		Per capita use
	Shipments ³	Imports	Total supply	Exports ⁴	Domestic	
	----- Million pounds -----					Pounds
1980/81	481.1	0.0	481.1	146.0	335.2	1.46
1981/82	481.4	1.1	482.5	131.1	351.3	1.52
1982/83	465.9	10.8	476.7	122.3	354.4	1.52
1983/84	482.9	6.5	489.4	117.2	372.2	1.58
1984/85	587.3	1.5	588.8	137.3	451.5	1.90
1985/86	619.2	7.5	626.6	166.3	460.3	1.92
1986/87	615.3	12.3	627.6	185.6	442.0	1.83
1987/88	666.3	17.8	684.0	225.3	458.7	1.88
1988/89	711.5	21.8	733.3	222.6	510.7	2.07
1989/90	687.2	23.7	711.0	233.2	477.7	1.92
1990/91	723.0	23.4	746.4	294.5	451.8	1.80
1991/92	712.5	18.1	730.6	279.3	451.3	1.77
1992/93	678.5	14.8	693.3	277.5	415.7	1.61
1993/94	743.4	15.3	758.7	275.8	482.9	1.85
1994/95	697.7	22.4	720.0	266.5	453.6	1.71
1995/96	678.6	26.5	705.1	261.5	443.5	1.66
1996/97	659.6	26.0	685.6	259.7	425.8	1.57
1997/98	674.7	24.7	699.4	265.9	433.5	1.58
1998/99	640.3	54.6	694.9	244.0	450.9	1.62
1999/2000	579.9	38.2	618.1	175.0	443.0	1.58
2000/01	643.2	26.2	669.5	241.2	428.2	1.51
2001/02	637.7	33.7	671.4	250.3	421.2	1.47
2002/03	667.1	32.3	699.4	255.5	443.9	1.53
2003/04	640.6	22.9	663.5	264.3	399.2	1.37
2004/05	651.5	44.3	695.9	251.1	444.8	1.51
2005/06	623.3	47.7	670.9	241.5	429.5	1.44
2006/07	636.3	63.6	700.0	247.4	452.6	1.51
2007/08	731.3	47.7	779.0	335.9	443.0	1.46
2008/09	694.4	42.5	736.9	318.1	418.8	1.37
2009/10	735.8	46.6	782.4	370.4	411.9	1.33
2010/11	688.0	42.8	730.8	323.1	407.7	1.31
2011/12	666.1	39.7	705.8	293.9	411.9	1.32
2012/13	651.6	36.6	688.1	273.2	415.0	1.32
2013/14	757.3	30.8	788.1	351.4	436.7	1.38
2014/15	665.6	38.3	703.9	280.6	423.3	1.32
2015/16	638.0	54.4	692.4	252.4	440.0	1.37
2016/17	681.4	30.9	712.3	280.2	432.1	1.33
2017/18	561.9	80.4	642.4	236.9	405.5	1.24

¹ Discontinued. Shipment data no longer available from the Raisin Administrative Committee.² Season begins in August of the first year shown. ³ Shipments from Raisin Administrative Committee. ⁴ Exports from the U.S. Department of Commerce, Canadian import data 1978-89.

Source: USDA, Economic Research Service calculations.

Table G-36--Fresh fruit: Per capita use, 1980 to date ¹

Year ²	Citrus fruit					Noncitrus fruit						
	Oranges & Temples	Tangerines & tangelos	Lemons	Limes	Grape- fruit	Apples	Apri- cots	Avo- cados	Bananas	Blue- berries	Cher- ries	Cran- berries
----- Pounds -----												
1980	14.28	2.10	1.94	0.36	7.30	19.20	0.10	2.08	20.77	0.18	0.69	0.14
1981	12.36	1.95	2.03	0.42	6.65	16.85	0.10	1.55	21.48	0.16	0.53	0.21
1982	11.69	1.94	2.09	0.38	7.20	17.54	0.08	1.85	22.54	0.16	0.52	0.21
1983	15.04	1.88	2.34	0.52	7.84	18.27	0.08	2.19	21.25	0.14	0.73	0.14
1984	11.87	1.82	2.17	0.45	5.98	18.35	0.13	1.83	22.18	0.24	0.70	0.13
1985	11.60	1.39	2.32	0.56	5.51	17.26	0.16	1.51	23.48	0.25	0.42	0.13
1986	13.43	1.55	2.49	0.58	6.13	17.84	0.10	2.35	25.82	0.19	0.49	0.14
1987	12.81	1.78	2.50	0.51	6.35	20.83	0.08	1.59	25.02	0.19	0.72	0.11
1988	13.90	1.78	2.49	0.56	6.69	19.84	0.16	1.56	24.29	0.25	0.52	0.07
1989	12.17	1.71	2.41	0.69	6.60	21.22	0.09	1.08	24.71	0.23	0.54	0.07
1990	12.37	1.33	2.60	0.66	4.59	19.58	0.16	1.41	24.36	0.11	0.39	0.05
1991	8.43	1.39	2.60	0.75	5.86	18.11	0.13	1.43	25.05	0.17	0.40	0.07
1992	12.84	1.94	2.53	1.02	5.92	19.14	0.15	2.16	27.12	0.20	0.53	0.07
1993	14.15	1.87	2.64	0.95	6.20	19.01	0.13	1.33	26.60	0.26	0.43	0.07
1994	12.94	2.11	2.66	0.97	6.07	19.37	0.15	1.35	27.78	0.27	0.52	0.08
1995	11.83	2.00	2.84	1.18	6.00	18.69	0.10	1.58	27.08	0.32	0.29	0.08
1996	12.58	2.16	2.86	1.14	5.85	18.67	0.09	1.58	27.60	0.27	0.40	0.08
1997	13.91	2.54	2.76	1.15	6.18	18.09	0.14	1.73	27.16	0.29	0.60	0.07
1998	14.61	2.18	2.46	1.40	5.94	18.98	0.12	1.52	28.01	0.32	0.52	0.08
1999	8.38	2.32	2.61	1.33	5.75	18.50	0.12	1.92	30.70	0.31	0.63	0.11
2000	11.74	2.88	2.44	1.39	5.09	17.46	0.15	2.21	28.45	0.26	0.60	0.14
2001	11.88	2.73	2.97	1.50	4.85	15.61	0.08	2.50	26.63	0.34	0.77	0.13
2002	11.74	2.57	3.34	1.10	4.63	16.00	0.09	2.43	26.78	0.39	0.70	0.11
2003	11.90	2.73	3.33	1.77	4.10	16.91	0.13	2.67	26.17	0.38	0.92	0.10
2004	10.80	2.78	3.12	1.85	4.14	18.79	0.12	3.17	25.78	0.53	0.99	0.11
2005	11.43	2.51	2.95	2.09	2.65	16.66	0.13	3.46	25.18	0.44	0.87	0.09
2006	10.24	2.69	4.15	2.26	2.31	17.73	0.08	3.50	25.11	0.56	1.06	0.09
2007	7.46	2.57	2.81	2.27	2.84	16.39	0.16	3.50	25.95	0.59	1.22	0.10
2008	9.93	3.08	1.97	2.48	3.16	15.88	0.13	3.83	25.04	0.80	1.31	0.10
2009	9.06	3.17	3.12	2.55	2.80	16.20	0.14	4.25	22.01	0.96	1.56	0.09
2010	9.68	3.78	2.79	2.57	2.76	15.31	0.12	4.00	25.61	1.12	1.31	0.06
2011	9.97	4.15	3.47	2.51	2.72	15.47	0.12	5.10	25.54	1.29	1.30	0.06
2012	10.47	4.18	3.95	2.57	2.37	16.05	0.10	5.62	26.90	1.33	1.50	0.07
2013	10.39	4.49	3.48	2.96	2.64	17.43	0.11	6.11	27.99	1.41	0.99	0.08
2014	9.38	5.00	3.43	3.07	2.40	18.71	0.12	6.98	27.86	1.51	1.17	0.07
2015	8.67	5.22	3.60	3.02	2.24	17.48	0.08	7.19	27.92	1.60	1.15	0.12
2016	9.18	5.29	4.15	3.48	1.97	19.15	0.13	6.86	27.43	1.78	1.17	0.12
2017	8.03	5.86	4.26	3.75	1.92	18.06	0.09	8.01	28.59	1.74	1.47	0.09
2018	8.19	5.92	4.23	4.06	1.56	16.91	0.12	8.03	28.22	2.00	1.28	0.07
Noncitrus fruit--continued											Total	
	Grapes	Kiwi- fruit	Mangoes	Peaches & nectarines	Pears	Pine- apples	Papayas	Plums and prunes	Straw- berries	Citrus ³	Non- citrus ^{3 4}	Fruit ³
----- Pounds -----												
1980	3.97	na	0.25	7.08	2.61	1.50	0.21	1.54	1.97	26.09	62.29	88.38
1981	4.05	na	0.20	6.87	2.82	1.56	0.22	1.71	2.17	23.50	60.48	83.98
1982	5.72	0.07	0.29	5.35	2.85	1.66	0.16	1.07	2.37	23.44	62.43	85.87
1983	5.59	0.09	0.43	5.43	2.99	1.68	0.18	1.41	2.32	27.98	62.93	90.91
1984	6.09	0.15	0.43	6.70	2.54	1.51	0.26	1.84	2.96	22.55	66.04	88.59
1985	6.84	0.18	0.43	5.50	2.79	1.48	0.18	1.43	2.99	21.49	65.03	86.52
1986	7.10	0.21	0.49	5.84	2.97	1.73	0.18	1.29	2.89	24.23	69.63	93.86
1987	7.05	0.28	0.56	6.05	3.51	1.63	0.19	1.91	3.12	23.95	72.83	96.78
1988	7.70	0.34	0.38	6.75	3.22	1.76	0.16	1.72	3.33	25.41	72.05	97.46
1989	7.94	0.48	0.51	5.86	3.20	1.96	0.14	1.41	3.25	23.58	72.68	96.26
1990	7.82	0.48	0.54	5.54	3.22	2.05	0.18	1.54	3.24	21.37	70.67	92.04
1991	7.26	0.32	0.85	6.41	3.14	1.91	0.17	1.42	3.57	19.03	70.41	89.44
1992	7.12	0.51	0.67	6.00	3.12	1.99	0.24	1.77	3.59	24.25	74.42	98.67
1993	6.98	0.52	0.89	5.85	3.35	2.04	0.28	1.27	3.62	25.81	72.68	98.49
1994	7.03	0.51	0.97	5.42	3.44	2.02	0.30	1.60	4.05	24.75	74.94	99.69
1995	7.46	0.51	1.12	5.33	3.36	1.91	0.37	0.93	4.10	23.85	73.27	97.12
1996	6.73	0.46	1.34	4.38	3.05	1.90	0.54	1.43	4.32	24.59	72.88	97.47
1997	7.76	0.52	1.44	5.51	3.39	2.34	0.47	1.51	4.10	26.54	75.18	101.72
1998	7.17	0.53	1.49	4.69	3.43	2.75	0.47	1.18	3.92	26.59	75.23	101.82
1999	7.97	0.52	1.62	5.29	3.53	3.03	0.62	1.28	4.57	20.39	80.76	101.15
2000	7.44	0.56	1.75	5.30	3.39	3.22	0.68	1.19	4.86	23.54	77.73	101.27
2001	7.38	0.44	1.79	5.16	3.25	3.16	0.78	1.33	4.21	23.93	73.63	97.56
2002	8.42	0.38	1.97	5.23	3.06	3.82	0.79	1.26	4.65	23.37	76.12	99.50
2003	7.66	0.38	2.06	5.17	3.08	4.39	0.87	1.24	5.29	23.82	77.57	101.39
2004	7.80	0.41	2.02	5.15	2.96	4.43	1.03	1.12	5.47	22.70	80.00	102.70
2005	8.60	0.45	1.88	4.83	2.91	4.90	0.94	1.11	5.83	21.63	78.37	100.00
2006	7.59	0.47	2.10	4.58	3.19	5.20	1.04	1.02	6.14	21.64	79.71	101.36
2007	8.01	0.44	2.10	4.46	3.09	5.02	1.08	1.01	6.26	17.94	79.56	97.50
2008	8.26	0.46	2.10	5.08	3.11	5.07	0.98	0.92	6.45	20.62	79.69	100.31
2009	7.66	0.50	2.02	4.41	3.19	5.09	1.20	0.73	7.17	20.69	77.43	98.12
2010	7.94	0.50	2.24	4.73	2.91	5.70	1.17	0.78	7.23	21.59	80.91	102.50
2011	7.36	0.58	2.53	4.47	3.22	5.72	1.05	0.87	7.36	22.81	82.36	105.16
2012	7.59	0.55	2.49	3.86	2.76	6.42	0.97	0.63	7.97	23.54	85.12	108.66
2013	7.76	0.46	2.87	3.02	2.84	6.74	1.12	0.54	8.01	23.97	87.85	111.82
2014	7.67	0.56	2.52	3.15	2.85	7.19	1.14	0.53	7.96	23.28	90.73	114.01
2015	7.87	0.63	2.60	2.91	2.67	6.98	1.33	0.56	7.72	22.75	89.71	112.46
2016	8.09	0.58	2.96	2.73	2.76	7.28	1.43	0.66	7.39	24.07	91.31	115.38
2017	8.23	0.61	3.22	2.66	2.69	7.75	1.36	0.68	6.80	23.82	92.92	116.75
2018	8.06	0.64	3.17	2.20	2.92	7.80	1.26	0.56	7.14	23.95	91.19	115.14

na = not available. ¹ Totals in this table may vary from table A-1 due to rounding.

² All noncitrus fruit data are on calendar-year basis, except for apples (year begins in August of the year shown), grapes (since 1990, year begins in May; prior to 1990, year began in July); kiwifruit (since 1988, year begins in October, prior to 1988, year began in January); and pears (year begins in July). For oranges and Temples, year begins in November. For tangerines and tangelos, year begins in November for Arizona and California and October for Florida. For grapefruit, year begins in September, and for lemons in August of the prior year. Lime year begins in April of the year shown. ³ Some figures may not add due to rounding.

⁴ Beginning 1992, includes per capita use estimates for raspberries.

Source: USDA, Economic Research Service calculations.

Table G-37--Canned fruit: Per capita use, product-weight basis, 1980/81 to date

Season ¹	Apples	Apricots	Sweet cherries	Tart cherries	Olives	Peaches	Pears	Pine- apples	Plums & prunes	Total
----- Pounds -----										
1980/81	4.22	0.93	0.07	0.24	0.55	6.82	4.58	3.48	0.18	21.07
1981/82	3.48	0.69	0.06	0.17	0.62	5.54	4.37	3.19	0.20	18.32
1982/83	4.29	0.77	0.03	0.27	1.46	5.23	4.05	3.20	0.19	19.49
1983/84	4.11	0.61	0.04	0.15	1.08	4.34	3.64	3.24	0.15	17.36
1984/85	4.01	0.77	0.05	0.28	1.25	4.77	3.17	2.94	0.14	17.38
1985/86	4.21	0.80	0.04	0.24	1.39	4.73	3.21	3.31	0.17	18.10
1986/87	3.93	0.42	0.01	0.17	1.48	5.04	3.44	3.58	0.16	18.23
1987/88	4.31	0.63	0.02	0.26	1.33	4.74	3.88	3.03	0.17	18.37
1988/89	4.57	0.52	0.04	0.20	1.22	4.91	3.52	2.98	0.17	18.13
1989/90	4.27	0.78	0.06	0.17	1.42	4.65	3.71	3.24	0.16	18.46
1990/91	4.40	0.73	0.02	0.24	1.35	4.54	3.92	3.05	0.12	18.37
1991/92	4.12	0.48	0.02	0.20	0.88	4.77	3.41	3.10	0.09	17.06
1992/93	4.64	0.59	0.04	0.26	1.68	5.11	3.68	3.56	0.16	19.72
1993/94	4.10	0.52	0.03	0.30	1.36	4.81	3.35	3.25	0.11	17.83
1994/95	4.28	0.77	0.03	0.32	1.00	4.75	3.71	3.14	0.13	18.12
1995/96	3.91	0.20	0.04	0.27	0.94	3.58	2.95	2.76	0.07	14.72
1996/97	3.93	0.21	0.02	0.21	1.64	4.50	2.81	2.76	0.07	16.15
1997/98	4.48	0.48	0.03	0.27	1.22	4.87	3.43	2.72	0.10	17.60
1998/99	3.49	0.42	0.04	0.23	1.11	4.15	3.28	2.27	0.09	15.08
1999/00	3.87	0.34	0.03	0.26	1.46	4.30	3.37	3.02	0.06	16.71
2000/01	3.49	0.32	0.01	0.26	0.95	4.60	2.82	2.80	0.06	15.31
2001/02	3.66	0.31	0.02	0.25	1.57	4.21	2.98	2.55	0.05	15.59
2002/03	3.21	0.30	0.00	0.03	1.39	4.61	2.59	2.64	0.04	14.82
2003/04	3.60	0.29	0.03	0.18	1.48	4.01	2.65	2.77	0.04	15.05
2004/05	3.63	0.30	0.02	0.13	1.36	4.28	2.50	2.61	0.04	14.86
2005/06	3.35	0.22	0.03	0.15	1.56	4.01	2.28	2.79	0.03	14.42
2006/07	3.37	0.14	0.02	0.12	0.85	3.47	2.38	2.80	0.04	13.19
2007/08	3.17	0.22	0.01	0.11	1.53	4.24	2.29	2.54	0.03	14.14
2008/09	3.69	0.20	0.01	0.12	1.02	3.57	2.24	2.55	0.03	13.44
2009/10	3.34	0.21	0.02	0.13	1.01	3.94	2.44	2.43	0.03	13.55
2010/11	3.19	0.18	0.00	0.08	1.83	3.64	1.95	2.25	0.02	13.13
2011/12	3.34	0.16	0.01	0.08	0.91	3.15	2.16	2.32	0.02	12.14
2012/13	2.52	0.16	0.01	0.00	1.29	3.15	2.04	2.31	0.01	11.49
2013/14	3.86	0.14	0.00	0.07	1.29	3.29	2.01	2.36	0.02	13.04
2014/15	3.46	0.17	0.01	0.04	0.93	3.08	1.97	2.16	0.01	11.83
2015/16	3.44	0.09	0.01	0.06	1.22	3.25	2.00	2.28	0.02	12.36
2016/17	3.65	0.13	0.00	0.07	1.09	2.98	1.59	2.17	0.01	11.69
2017/18	3.56	0.08	0.01	0.03	1.24	2.74	1.66	2.12	0.01	11.45
2018/19	3.23	0.06	0.00	0.07	0.85	2.23	1.64	2.00	0.01	10.09

¹ Season begins in May for apricots, cherries, peaches, pears, and plums; in August for apples and olives; and in January of the first year shown for pineapples.

Source: USDA, Economic Research Service calculations.

Table G-38--Frozen fruit: Per capita use, product-weight basis, 1980 to date

Year	Black-berries	Blue-berries	Rasp-berries	Straw-berries	Other berries ¹	Total berries ²	Apples	Apricots	Cherries	Peaches	Total ²
----- Pounds -----											
1980	0.02	0.18	0.08	1.37	0.03	1.68	0.35	0.07	0.48	0.27	2.85
1981	0.04	0.17	0.08	1.31	0.02	1.62	0.37	0.05	0.49	0.19	2.72
1982	0.09	0.11	0.07	1.19	0.02	1.48	0.43	0.06	0.61	0.23	2.81
1983	0.08	0.04	0.07	1.25	0.04	1.48	0.32	0.07	0.62	0.31	2.80
1984	0.04	0.25	0.06	1.21	0.02	1.58	0.38	0.06	0.58	0.28	2.88
1985	0.06	0.22	0.10	1.18	0.02	1.58	0.35	0.07	0.58	0.41	2.99
1986	0.04	0.38	0.09	1.26	0.03	1.80	0.40	0.07	0.67	0.41	3.35
1987	0.05	0.26	0.07	1.27	0.02	1.67	0.53	0.08	1.00	0.27	3.55
1988	0.08	0.21	0.09	1.31	0.04	1.73	0.50	0.06	0.73	0.33	3.35
1989	0.11	0.30	0.17	1.38	0.03	1.99	0.48	0.07	0.74	0.44	3.72
1990	0.07	0.33	0.16	1.26	0.03	1.85	0.40	0.07	0.80	0.35	3.47
1991	0.08	0.32	0.12	1.40	0.04	1.96	0.45	0.06	0.58	0.39	3.44
1992	0.07	0.41	0.28	1.34	0.02	2.12	0.62	0.07	0.55	0.42	4.16
1993	0.11	0.47	0.29	1.31	0.01	2.18	0.64	0.06	0.68	0.28	3.99
1994	0.08	0.49	0.30	1.26	0.01	2.13	0.64	0.07	0.64	0.48	3.55
1995	0.12	0.46	0.31	1.43	0.01	2.34	0.71	0.06	0.64	0.44	4.71
1996	0.06	0.37	0.33	1.42	0.04	2.22	0.62	0.06	0.59	0.40	4.28
1997	0.07	0.32	0.32	1.22	0.03	1.96	0.81	0.07	0.55	0.38	3.84
1998	0.10	0.35	0.37	1.40	0.00	2.22	0.56	0.08	0.76	0.40	4.17
1999	0.09	0.40	0.33	1.35	0.01	2.18	0.56	0.08	0.47	0.45	4.65
2000	0.09	0.33	0.37	1.58	0.03	2.39	0.46	0.08	0.53	0.61	3.36
2001	0.08	0.39	0.41	1.83	0.00	2.72	0.55	0.11	0.51	0.60	6.54
2002	0.08	0.25	0.32	1.61	0.00	2.27	0.41	0.08	0.43	0.54	4.10
2003	0.08	0.36	0.40	1.88	0.03	2.75	0.62	0.04	0.53	0.62	5.12
2004	0.07	0.24	0.35	1.67	0.03	2.37	0.42	0.06	0.56	0.58	4.54
2005	0.11	0.43	0.41	2.13	0.04	3.11	0.51	0.06	0.56	0.57	5.35
2006	0.08	0.35	0.39	2.10	0.06	2.98	0.51	0.03	0.67	0.48	5.18
2007	0.10	0.37	0.41	1.90	0.04	2.83	0.53	0.04	0.69	0.71	5.47
2008	0.10	0.38	0.34	2.00	0.04	2.86	0.43	0.06	0.64	0.58	5.09
2009	0.09	0.53	0.32	1.74	0.05	2.72	0.45	0.04	0.71	0.56	5.13
2010	0.09	0.58	0.37	2.17	0.06	3.26	0.34	0.04	0.68	0.53	5.71
2011	0.07	0.45	0.36	1.85	0.07	2.80	0.41	0.04	0.65	0.48	5.28
2012	0.09	0.44	0.38	2.06	0.06	3.03	0.18	0.04	0.65	0.51	5.04
2013	0.11	0.54	0.36	1.96	0.05	3.02	0.49	0.03	0.43	0.49	5.28
2014	0.08	0.62	0.51	2.15	0.10	3.46	0.45	0.03	0.74	0.52	6.49
2015	0.11	0.68	0.56	2.16	0.10	3.60	0.40	0.03	0.81	0.46	6.51
2016	0.08	0.64	0.43	1.99	0.08	3.23	0.26	0.02	0.79	0.47	5.26
2017	0.09	0.72	0.39	1.97	0.07	3.25	0.24	0.03	0.73	0.32	6.12
2018	d	0.83	0.39	2.02	0.06	3.29	0.33	0.01	0.65	0.41	6.01

d = discontinued.

¹ Includes boysenberries and loganberries. Beginning in 1995, loganberries are no longer included. ² Beginning in 1992, includes plums/prunes and some miscellaneous fruits.

Source: USDA, Economic Research Service calculations.

Table G-39--Dried fruit: Per capita use, product-weight basis, 1980/81 to date

Season ¹	Apples	Apricots	Dates	Figs	Peaches	Pears	Prunes	Raisins	Total ²
----- Pounds -----									
1980/81	0.10	0.03	0.14	0.13	0.01	0.01	0.43	1.46	2.31
1981/82	0.10	0.05	0.18	0.14	0.02	0.01	0.46	1.52	2.48
1982/83	0.11	0.08	0.26	0.14	0.02	0.01	0.42	1.52	2.56
1983/84	0.15	0.09	0.25	0.14	0.04	0.01	0.47	1.58	2.73
1984/85	0.16	0.09	0.32	0.13	0.04	0.01	0.48	1.90	3.13
1985/86	0.14	0.03	0.24	0.13	0.02	0.01	0.49	1.92	2.98
1986/87	0.10	0.08	0.15	0.14	0.01	0.01	0.46	1.83	2.78
1987/88	0.15	0.05	0.17	0.18	0.02	0.01	0.64	1.88	3.10
1988/89	0.15	0.08	0.23	0.15	0.02	0.01	0.60	2.07	3.31
1989/90	0.14	0.10	0.23	0.16	0.01	0.01	0.74	1.92	3.31
1990/91	0.10	0.07	0.23	0.20	0.01	0.01	0.63	1.80	3.05
1991/92	0.10	0.08	0.22	0.15	0.02	0.01	0.63	1.77	2.98
1992/93	0.15	0.10	0.16	0.15	0.02	0.01	0.52	1.61	2.72
1993/94	0.18	0.09	0.21	0.21	0.01	0.01	0.43	1.85	2.99
1994/95	0.19	0.15	0.15	0.20	0.01	0.01	0.51	1.71	2.93
1995/96	0.15	0.12	0.17	0.12	0.01	0.01	0.50	1.66	2.74
1996/97	0.15	0.10	0.16	0.11	0.01	0.01	0.66	1.57	2.77
1997/98	0.12	0.11	0.15	0.16	0.01	0.01	0.52	1.58	2.66
1998/99	0.15	0.12	0.19	0.13	0.01	0.01	0.54	1.62	2.77
1999/2000	0.12	0.09	0.17	0.12	0.01	0.01	0.39	1.58	2.49
2000/01	0.10	0.14	0.12	0.13	0.01	0.00	0.46	1.51	2.46
2001/02	0.10	0.13	0.14	0.13	0.01	0.00	0.45	1.47	2.43
2002/03	0.10	0.08	0.18	0.15	0.01	0.00	0.53	1.53	2.59
2003/04	0.08	0.13	0.14	0.12	0.04	0.00	0.44	1.37	2.32
2004/05	0.09	0.10	0.13	0.12	0.04	0.00	0.36	1.51	2.34
2005/06	0.09	0.14	0.13	0.10	0.04	0.00	0.35	1.44	2.29
2006/07	0.12	0.12	0.16	0.10	0.02	0.00	0.30	1.51	2.34
2007/08	0.11	0.12	0.12	0.09	0.05	0.00	0.29	1.46	2.25
2008/09	0.11	0.10	0.20	0.09	0.04	0.00	0.29	1.37	2.21
2009/10	0.08	0.10	0.21	0.07	0.03	0.00	0.32	1.33	2.14
2010/11	0.08	0.10	0.29	0.07	0.06	0.00	0.34	1.31	2.26
2011/12	0.08	0.10	0.33	0.06	0.03	0.00	0.40	1.32	2.31
2012/13	0.11	0.11	0.33	0.07	0.03	0.00	0.34	1.32	2.30
2013/14	0.08	0.12	0.34	0.09	0.04	0.00	0.39	1.38	2.44
2014/15	0.09	0.08	0.38	0.08	0.03	0.00	0.29	1.32	2.27
2015/16	0.09	0.10	0.38	0.11	0.05	0.00	0.33	1.37	2.42
2016/17	0.15	0.09	0.33	0.09	0.03	0.00	0.39	1.33	2.41
2017/18	0.17	0.10	0.43	0.12	0.03	0.00	0.25	1.24	2.34
2018/19	0.11	0.08	0.37	0.11	0.03	0.00	0.29	³	1.00

¹ Season begins in July for apples, apricots, peaches, and pears; in September for dates; and in August for figs, prunes, and raisins.

² Some figures may not add due to rounding. Drop in 2018/19 total reflects the absence of per capita use estimate for raisins.

³ Discontinued beginning in 2018/19 because shipment data from the Raisin Administrative Committee no longer available.

Source: USDA, Economic Research Service calculations.

Table G-40--Selected fruit juices: Per capita use, 1980/81 to date

Season	Orange	Grapefruit ¹	Lemon	Lime	Total citrus	Apple	Grape	Pine- apple	Cran- berry	Prune	Total noncitrus	Total fruit juice
----- Gallons, single-strength equivalent -----												
1980/81	4.72	0.72	0.25	0.01	5.69	1.08	0.25	0.31	na	0.09	1.73	7.42
1981/82	4.30	0.69	0.18	0.01	5.18	0.96	0.24	0.28	na	0.10	1.58	6.76
1982/83	5.78	0.65	0.17	0.01	6.61	1.21	0.24	0.29	na	0.08	1.82	8.43
1983/84	4.82	0.33	0.12	0.01	5.28	1.32	0.33	0.28	na	0.06	1.99	7.28
1984/85	4.81	0.61	0.15	0.01	5.57	1.53	0.29	0.27	na	0.07	2.16	7.73
1985/86	5.00	0.48	0.11	0.01	5.60	1.53	0.23	0.34	na	0.07	2.17	7.77
1986/87	4.57	0.68	0.21	0.01	5.48	1.52	0.22	0.39	na	0.07	2.20	7.68
1987/88	4.52	0.36	0.10	0.01	4.99	1.62	0.30	0.43	na	0.06	2.41	7.40
1988/89	4.66	0.60	0.10	0.01	5.38	1.60	0.27	0.43	na	0.07	2.37	7.75
1989/90	3.70	0.91	0.14	0.02	4.77	1.45	0.31	0.44	0.15	0.04	2.39	7.15
1990/91	4.65	0.52	0.13	0.02	5.32	1.72	0.28	0.50	0.14	0.04	2.68	8.00
1991/92	4.30	0.40	0.12	0.01	4.84	1.51	0.36	0.50	0.17	0.03	2.57	7.41
1992/93	5.06	0.52	0.17	0.01	5.75	1.56	0.38	0.47	0.16	0.04	2.61	8.36
1993/94	5.13	0.62	0.18	0.01	5.94	1.78	0.35	0.41	0.15	0.04	2.73	8.67
1994/95	4.93	0.59	0.12	0.02	5.66	1.77	0.29	0.35	0.19	0.04	2.64	8.30
1995/96	5.16	0.56	0.15	0.01	5.88	1.57	0.45	0.38	0.16	0.03	2.59	8.48
1996/97	5.23	0.56	0.16	0.02	5.97	1.69	0.38	0.38	0.17	0.03	2.65	8.62
1997/98	5.82	0.60	0.16	0.01	6.59	1.54	0.40	0.34	0.20	0.03	2.51	9.10
1998/99	5.53	0.58	0.12	0.01	6.23	1.79	0.27	0.29	0.21	0.03	2.59	8.82
1999/2000	5.57	0.53	0.15	0.02	6.26	1.78	0.44	0.32	0.23	0.02	2.80	9.06
2000/01	5.18	0.54	0.20	0.02	5.94	1.78	0.34	0.30	0.20	0.02	2.65	8.59
2001/02	5.06	0.47	0.13	0.01	5.67	1.77	0.33	0.31	0.17	0.03	2.61	8.28
2002/03	4.90	0.39	0.21	0.01	5.51	1.79	0.37	0.32	0.21	0.03	2.71	8.23
2003/04	4.96	0.38	0.13	0.03	5.50	1.93	0.40	0.34	0.23	0.03	2.92	8.43
2004/05	4.77	0.23	0.16	0.03	5.19	2.11	0.38	0.27	0.23	0.03	3.02	8.21
2005/06	4.41	0.20	0.14	0.03	4.79	1.86	0.51	0.26	0.23	0.03	2.88	7.67
2006/07	4.15	0.29	0.14	0.02	4.60	2.20	0.44	0.27	0.25	0.04	3.19	7.79
2007/08	3.80	0.30	0.12	0.03	4.25	2.26	0.56	0.22	0.23	0.04	3.31	7.56
2008/09	3.99	0.26	0.16	0.04	4.45	2.09	0.45	0.27	0.27	0.03	3.11	7.56
2009/10	3.70	0.22	0.15	0.04	4.11	2.08	0.38	0.27	0.24	0.03	3.00	7.11
2010/11	3.67	0.24	0.20	0.04	4.15	2.20	0.37	0.21	0.23	0.03	3.05	7.20
2011/12	3.10	0.19	0.15	0.04	3.49	1.72	0.42	0.23	0.26	0.02	2.66	6.15
2012/13	3.25	0.21	0.17	0.04	3.67	1.88	0.34	0.21	0.29	0.02	2.73	6.40
2013/14	3.07	0.18	0.14	0.04	3.42	1.78	0.43	0.21	0.31	0.02	2.75	6.17
2014/15	2.88	0.14	0.20	0.04	3.26	1.71	0.44	0.21	0.29	0.02	2.67	5.93
2015/16	2.73	0.12	0.19	0.03	3.08	1.88	0.37	0.20	0.29	0.02	2.76	5.84
2016/17	2.49	0.10	0.21	0.04	2.84	1.89	0.35	0.21	0.32	0.02	2.78	5.62
2017/18	2.45	0.09	0.20	0.04	2.77	1.85	0.32	0.20	0.28	0.02	2.66	5.44
2018/19 P	2.24	0.11	0.20	0.04	2.59	1.83	0.36	0.13	0.31	0.02	2.64	5.23

na = not available. P = Preliminary. ¹ The method used to calculate grapefruit juice per capita consumption changed in 1989/90.

Source: USDA, Economic Research Service calculations.

Table G-41--Per capita use of selected noncitrus fruit, fresh-weight equivalent, 1980/81 to date

Year ¹	Processed						Total
	Apples	Grapes	Peaches ²	Pears	Pineapples	Strawberries	
	----- Pounds -----						
1980/81	20.60	43.24	6.66	4.79	10.57	1.22	87.08
1981/82	17.74	37.10	5.24	4.44	9.70	1.16	75.39
1982/83	22.13	45.53	4.55	3.70	9.80	1.06	86.77
1983/84	23.32	39.02	3.15	3.32	9.73	1.11	79.65
1984/85	25.98	42.09	5.13	3.22	9.07	1.07	86.57
1985/86	25.92	43.62	4.86	3.43	10.74	1.05	89.62
1986/87	25.29	40.51	4.68	3.19	12.02	1.12	86.81
1987/88	27.35	37.82	4.55	3.94	11.59	1.13	86.38
1988/89	27.46	41.73	5.16	3.51	11.48	1.17	90.51
1989/90	25.31	38.27	4.98	3.93	12.19	1.23	85.91
1990/91	28.34	35.40	4.95	4.33	12.65	1.12	86.79
1991/92	25.48	35.65	5.04	3.78	12.81	1.24	84.00
1992/93	27.37	38.27	5.46	4.20	13.18	1.19	89.67
1993/94	29.29	37.40	5.05	4.15	11.75	1.16	88.80
1994/95	29.73	33.91	5.04	4.77	10.59	1.12	85.16
1995/96	26.47	38.24	3.99	3.88	10.44	1.27	84.29
1996/97	27.74	36.36	4.83	4.05	10.43	1.27	84.68
1997/98	27.03	44.25	5.15	4.28	9.81	1.09	91.61
1998/99	28.35	37.32	4.85	4.28	8.18	1.25	84.24
1999/2000	28.57	37.73	4.88	4.63	10.03	1.20	87.04
2000/01	27.60	42.30	4.99	4.11	9.34	1.39	89.73
2001/02	27.84	37.48	4.49	4.59	9.02	1.63	85.04
2002/03	27.13	42.24	5.02	3.83	9.31	1.43	88.97
2003/04	29.66	38.98	4.57	4.06	9.77	1.66	88.71
2004/05	31.65	39.59	4.76	3.80	8.47	1.49	89.77
2005/06	28.57	47.51	4.47	4.03	8.61	1.90	95.08
2006/07	32.99	41.79	3.66	4.55	8.78	1.87	93.64
2007/08	33.41	43.76	4.98	3.98	7.58	1.69	95.40
2008/09	32.02	41.93	4.08	4.26	8.38	1.78	92.45
2009/10	31.08	45.07	4.04	3.75	8.20	1.54	93.68
2010/11	32.32	43.90	4.00	4.14	7.07	1.93	93.36
2011/12	27.10	44.51	3.70	4.20	7.42	1.65	88.58
2012/13	27.43	47.98	3.28	3.90	7.13	1.84	91.56
2013/14	28.42	50.77	3.68	3.38	7.17	1.75	95.15
2014/15	27.13	46.86	3.35	3.45	6.85	1.92	89.56
2015/16	29.04	44.70	3.61	3.30	6.92	1.92	89.49
2016/17	29.69	46.41	3.40	2.71	6.83	1.77	90.82
2017/18	29.49	46.75	3.02	2.87	6.64	1.75	90.51
2018/19	28.21	39.19 ³	2.82	2.61	5.34	1.80	79.97
	Fresh market						
	Apples	Grapes	Peaches ²	Pears	Pineapples	Strawberries	Total
	----- Pounds -----						
1980/81	19.20	3.97	7.08	2.61	1.50	1.97	36.33
1981/82	16.85	4.05	6.87	2.82	1.56	2.17	34.33
1982/83	17.54	5.72	5.35	2.85	1.66	2.37	35.48
1983/84	18.27	5.59	5.43	2.99	1.68	2.32	36.29
1984/85	18.35	6.09	6.70	2.54	1.51	2.96	38.16
1985/86	17.26	6.84	5.50	2.79	1.48	2.99	36.85
1986/87	17.84	7.10	5.84	2.97	1.73	2.89	38.38
1987/88	20.83	7.05	6.05	3.51	1.63	3.12	42.18
1988/89	19.84	7.70	6.75	3.22	1.76	3.33	42.60
1989/90	21.22	7.94	5.86	3.20	1.96	3.25	43.43
1990/91	19.58	7.82	5.54	3.22	2.05	3.24	41.45
1991/92	18.11	7.26	6.41	3.14	1.91	3.57	40.40
1992/93	19.14	7.12	6.00	3.12	1.99	3.59	40.96
1993/94	19.01	6.98	5.85	3.35	2.04	3.62	40.85
1994/95	19.37	7.03	5.42	3.44	2.02	4.05	41.33
1995/96	18.69	7.46	5.33	3.36	1.91	4.10	40.85
1996/97	18.67	6.73	4.38	3.05	1.90	4.32	39.05
1997/98	18.09	7.76	5.51	3.39	2.34	4.10	41.19
1998/99	18.98	7.17	4.69	3.43	2.75	3.92	40.95
1999/2000	18.50	7.97	5.29	3.53	3.03	4.57	42.88
2000/01	17.46	7.44	5.30	3.39	3.22	4.86	41.68
2001/02	15.61	7.38	5.16	3.25	3.16	4.21	38.77
2002/03	16.00	8.42	5.23	3.06	3.82	4.65	41.18
2003/04	16.91	7.66	5.17	3.08	4.39	5.29	42.50
2004/05	18.79	7.80	5.15	2.96	4.43	5.47	44.60
2005/06	16.66	8.60	4.83	2.91	4.90	5.83	43.72
2006/07	17.73	7.59	4.58	3.19	5.20	6.14	44.43
2007/08	16.39	8.01	4.46	3.09	5.02	6.26	43.23
2008/09	15.88	8.26	5.08	3.11	5.07	6.45	43.85
2009/10	16.20	7.66	4.41	3.19	5.09	7.17	43.71
2010/11	15.31	7.94	4.73	2.91	5.70	7.23	43.81
2011/12	15.47	7.36	4.47	3.22	5.72	7.36	43.59
2012/13	16.05	7.59	3.86	2.76	6.42	7.97	44.65
2013/14	17.43	7.76	3.02	2.84	6.74	8.01	45.79
2014/15	18.71	7.67	3.15	2.85	7.19	7.96	47.54
2015/16	17.48	7.87	2.91	2.67	6.98	7.72	45.63
2016/17	19.15	8.09	2.73	2.76	7.28	7.39	47.40
2017/18	18.06	8.23	2.66	2.69	7.75	6.80	46.20
2018/19	16.91	8.06	2.20	2.92	7.80	7.14	45.03

¹ Marketing years begin in July and August for apples and pears, and May and August for grapes; calendar-year estimates, with harvest in the first year shown for peaches, pineapples, and strawberries. ² Includes nectarines. ³ Beginning in 2018/19, processed per capita use only includes estimates for canned, juice, and wine. Raisin (dried grape) estimate discontinued because shipment data no longer available from the Raisin Administrative Committee.

Source: USDA, Economic Research Service calculations.

Table G-42--Per capita use of citrus fruit, fresh-weight equivalent, 1980/81 to date

Year	Processed ¹					Total
	Oranges & Temples	Tangerines & tangelos	Grapefruit	Lemons	Limes	
	----- Pounds -----					
1980/81	82.82	2.02	13.03	6.60	0.19	104.67
1981/82	74.98	1.95	12.19	4.67	0.26	94.06
1982/83	91.04	1.48	11.53	4.40	0.27	108.72
1983/84	80.26	1.38	6.23	3.05	0.23	91.15
1984/85	78.36	1.37	11.12	3.86	0.29	94.99
1985/86	82.44	1.12	8.49	2.83	0.39	95.26
1986/87	78.00	1.58	11.54	5.43	0.38	96.93
1987/88	72.42	1.56	6.07	2.70	0.19	82.93
1988/89	73.88	1.59	9.70	2.76	0.25	88.17
1989/90	54.68	1.09	14.65	3.63	0.57	74.63
1990/91	73.51	0.95	8.55	3.48	0.47	86.97
1991/92	63.15	1.00	6.56	3.21	0.39	74.32
1992/93	74.04	1.12	8.47	4.36	0.19	88.19
1993/94	71.82	1.43	10.12	4.74	0.23	88.34
1994/95	69.46	1.25	9.79	3.21	0.51	84.22
1995/96	78.00	1.24	9.25	4.02	0.28	92.80
1996/97	74.72	2.00	9.00	4.20	0.49	90.40
1997/98	82.45	1.48	9.68	4.31	0.23	98.15
1998/99	77.01	1.20	8.90	3.01	0.22	90.34
1999/2000	79.22	1.62	8.13	3.91	0.50	93.38
2000/01	75.24	1.22	8.38	5.24	0.55	90.63
2001/02	72.52	1.31	7.00	3.30	0.35	84.49
2002/03	71.21	1.16	5.97	5.35	0.31	84.01
2003/04	73.18	0.93	5.97	3.36	0.69	84.14
2004/05	69.17	0.81	3.62	4.25	0.68	78.52
2005/06	62.81	1.13	3.16	3.77	0.82	71.69
2006/07	58.00	0.97	4.32	3.62	0.58	67.48
2007/08	52.64	1.30	4.23	3.20	0.74	62.12
2008/09	54.48	0.80	3.81	4.23	1.07	64.38
2009/10	51.67	1.01	3.21	3.95	0.95	60.80
2010/11	53.17	1.12	3.53	5.13	1.05	63.99
2011/12	43.81	1.05	2.70	3.98	1.17	52.71
2012/13	45.66	0.90	3.07	4.55	1.03	55.22
2013/14	44.36	0.90	2.75	3.74	0.95	52.70
2014/15	42.87	1.52	2.23	5.24	0.96	52.82
2015/16	42.21	1.96	1.87	5.05	0.87	51.95
2016/17	39.32	2.09	1.69	5.52	0.98	49.60
2017/18	40.26	1.15	1.43	5.14	1.08	49.06
2018/19 P	37.20	1.63	1.91	5.23	1.06	47.03
	Fresh market ²					
	Oranges & Temples	Tangerines & tangelos	Grapefruit	Lemons	Limes	Total
	----- Pounds -----					
1980/81	12.36	1.95	6.65	2.03	0.42	23.42
1981/82	11.69	1.94	7.20	2.09	0.38	23.30
1982/83	15.04	1.88	7.84	2.34	0.52	27.62
1983/84	11.87	1.82	5.98	2.17	0.45	22.30
1984/85	11.60	1.39	5.51	2.32	0.56	21.37
1985/86	13.43	1.55	6.13	2.49	0.58	24.19
1986/87	12.81	1.78	6.35	2.50	0.51	23.96
1987/88	13.90	1.78	6.69	2.49	0.56	25.42
1988/89	12.17	1.71	6.60	2.41	0.69	23.57
1989/90	12.37	1.33	4.59	2.60	0.66	21.55
1990/91	8.43	1.39	5.86	2.60	0.75	19.03
1991/92	12.84	1.94	5.92	2.53	1.02	24.25
1992/93	14.15	1.87	6.20	2.64	0.95	25.81
1993/94	12.94	2.11	6.07	2.66	0.97	24.74
1994/95	11.83	2.00	6.00	2.84	1.18	23.84
1995/96	12.58	2.16	5.85	2.86	1.14	24.59
1996/97	13.91	2.54	6.18	2.76	1.15	26.54
1997/98	14.61	2.18	5.94	2.46	1.40	26.59
1998/99	8.38	2.32	5.75	2.61	1.33	20.39
1999/2000	11.74	2.88	5.09	2.44	1.39	23.54
2000/01	11.88	2.73	4.85	2.97	1.50	23.93
2001/02	11.74	2.57	4.63	3.34	1.10	23.37
2002/03	11.90	2.73	4.10	3.33	1.77	23.82
2003/04	10.80	2.78	4.14	3.12	1.85	22.70
2004/05	11.43	2.51	2.65	2.95	2.09	21.63
2005/06	10.24	2.69	2.31	4.15	2.26	21.64
2006/07	7.46	2.57	2.84	2.81	2.27	17.94
2007/08	9.93	3.08	3.16	1.97	2.48	20.62
2008/09	9.06	3.17	2.80	3.12	2.55	20.69
2009/10	9.68	3.78	2.76	2.79	2.57	21.59
2010/11	9.97	4.15	2.72	3.47	2.51	22.81
2011/12	10.47	4.18	2.37	3.95	2.57	23.54
2012/13	10.39	4.49	2.64	3.48	2.96	23.97
2013/14	9.38	5.00	2.40	3.43	3.07	23.28
2014/15	8.67	5.22	2.24	3.60	3.02	22.75
2015/16	9.18	5.29	1.97	4.15	3.48	24.07
2016/17	8.03	5.86	1.92	4.26	3.75	23.82
2017/18	8.19	5.92	1.56	4.23	4.06	23.95
2018/19 P	8.15	6.87	1.43	4.68	4.10	25.23

P = Preliminary. ¹ Processed juice marketing years begin in December until 1998/99, then October of the first year shown for oranges, Temples, tangerines, tangelos, and grapefruit; August for lemons; and April for limes. ² Fresh marketing years begin in November of the first year shown for fresh oranges and Temples, tangerines, and tangelos; September for grapefruit; August for lemons; and April for limes.

Source: USDA, Economic Research Service calculations.

Table G-43--Selected fruit: Per capita use, fresh-weight equivalent, 1980 to date

Year	Apples	Grapes	Peaches	Pears	Pineapples	Straw-	Oranges & Tangerines		Grapefruit	Lemons	Limes
						berries	Temples	& tangelos			
----- Pounds -----											
1980	39.80	47.22	13.74	7.40	12.07	3.19	95.27	5.06	17.50	5.31	0.55
1981	34.59	41.15	12.11	7.26	11.26	3.34	95.18	4.05	19.69	8.63	0.61
1982	39.67	51.25	9.89	6.55	11.46	3.43	86.67	4.55	19.39	6.76	0.64
1983	41.59	44.61	8.58	6.31	11.41	3.43	106.08	3.95	19.37	6.74	0.79
1984	44.33	48.17	11.83	5.76	10.58	4.04	92.13	3.68	12.21	5.22	0.68
1985	43.18	50.46	10.36	6.22	12.22	4.04	89.96	2.91	16.63	6.17	0.85
1986	43.14	47.61	10.52	6.17	13.75	4.01	95.87	2.74	14.62	5.32	0.97
1987	48.18	44.86	10.60	7.45	13.22	4.25	90.81	3.36	17.88	7.93	0.89
1988	47.30	49.42	11.91	6.72	13.24	4.50	86.32	3.33	12.75	5.19	0.75
1989	46.61	46.21	10.83	7.14	14.16	4.48	86.04	3.30	16.31	5.17	0.94
1990	47.92	43.22	10.50	7.55	14.70	4.36	67.05	2.39	19.24	6.23	1.23
1991	43.59	42.92	11.46	6.93	14.72	4.81	81.95	2.32	14.42	6.08	1.23
1992	46.51	45.39	11.45	7.32	15.18	4.78	76.00	2.93	12.49	5.74	1.41
1993	48.30	44.38	10.90	7.50	13.79	4.78	88.19	2.98	14.67	7.00	1.15
1994	49.10	40.94	10.46	8.21	12.61	5.16	84.76	3.52	16.20	7.39	1.20
1995	45.16	45.70	9.32	7.24	12.35	5.38	81.29	3.24	15.79	6.04	1.69
1996	46.41	43.09	9.21	7.10	12.33	5.58	90.58	3.40	15.09	6.88	1.42
1997	45.11	52.02	10.67	7.67	12.15	5.19	88.64	4.53	15.18	6.95	1.64
1998	47.34	44.49	9.55	7.71	10.93	5.17	97.06	3.65	15.62	6.78	1.63
1999	47.07	45.69	10.16	8.16	13.07	5.77	85.39	3.50	14.65	5.62	1.55
2000	45.06	49.74	10.29	7.50	12.56	6.26	90.96	4.48	13.22	6.35	1.89
2001	43.45	44.86	9.64	7.84	12.18	5.84	87.12	3.95	13.22	8.21	2.05
2002	43.13	50.66	10.25	6.90	13.13	6.08	84.27	3.88	11.63	6.63	1.45
2003	46.57	46.64	9.74	7.14	14.16	6.95	83.10	3.89	10.07	8.68	2.08
2004	50.45	47.39	9.91	6.75	12.91	6.96	83.99	3.71	10.11	6.49	2.54
2005	45.22	56.10	9.30	6.94	13.51	7.72	80.60	3.32	6.26	7.19	2.77
2006	50.72	49.38	8.24	7.74	13.98	8.01	73.05	3.82	5.47	7.92	3.07
2007	49.80	51.77	9.44	7.06	12.60	7.95	65.46	3.54	7.15	6.42	2.85
2008	47.90	50.19	9.16	7.37	13.46	8.22	62.57	4.39	7.39	5.17	3.22
2009	47.28	52.73	8.45	6.93	13.28	8.71	63.54	3.96	6.60	7.35	3.62
2010	47.63	51.84	8.73	7.05	12.76	9.16	61.36	4.79	5.98	6.74	3.52
2011	42.57	51.87	8.17	7.41	13.13	9.01	63.13	5.27	6.25	8.60	3.55
2012	43.48	55.56	7.14	6.66	13.55	9.81	54.28	5.22	5.07	7.93	3.74
2013	45.85	58.53	6.70	6.21	13.91	9.75	56.04	5.40	5.71	8.04	4.00
2014	45.85	54.53	6.50	6.31	14.04	9.88	53.74	5.91	5.15	7.16	4.02
2015	46.52	52.57	6.52	5.96	13.90	9.64	51.55	6.75	4.47	8.84	3.98
2016	48.85	54.50	6.13	5.47	14.10	9.17	51.38	7.25	3.85	9.20	4.35
2017	47.55	54.97	5.68	5.56	14.39	8.56	47.35	7.95	3.61	9.78	4.73
2018 ¹	45.12	47.25	5.02	5.53	13.14	8.94	48.45	7.07	2.99	9.37	5.13

¹ Beginning in 2018, estimate for grapes excludes raisin per capita use. Therefore, total reflects only the sum of fresh, canned, juice, and wine per capita use.

Source: USDA, Economic Research Service calculations.

Table G-44--Tree nuts (shelled basis): Per capita use, 1980/81 to date

Season ¹	Almonds	Hazelnuts	Pecans	Walnuts	Macadamias	Pistachios	Other ²	Total ³
----- Pounds -----								
1980/81	0.42	0.05	0.43	0.50	0.07	0.05	0.32	1.82
1981/82	0.50	0.05	0.45	0.52	0.07	0.04	0.33	1.95
1982/83	0.59	0.07	0.49	0.47	0.07	0.05	0.46	2.20
1983/84	0.58	0.05	0.48	0.52	0.07	0.07	0.52	2.29
1984/85	0.68	0.06	0.54	0.48	0.08	0.11	0.47	2.41
1985/86	0.81	0.07	0.47	0.48	0.09	0.12	0.45	2.49
1986/87	0.53	0.03	0.54	0.49	0.09	0.11	0.47	2.25
1987/88	0.59	0.06	0.54	0.46	0.09	0.09	0.41	2.24
1988/89	0.65	0.07	0.62	0.50	0.09	0.12	0.40	2.44
1989/90	0.62	0.05	0.46	0.45	0.10	0.08	0.51	2.27
1990/91	0.74	0.07	0.47	0.45	0.11	0.11	0.50	2.45
1991/92	0.61	0.06	0.44	0.45	0.09	0.08	0.44	2.17
1992/93	0.59	0.08	0.39	0.46	0.09	0.10	0.57	2.30
1993/94	0.59	0.10	0.52	0.38	0.09	0.13	0.55	2.36
1994/95	0.53	0.07	0.37	0.44	0.10	0.13	0.49	2.15
1995/96	0.48	0.09	0.51	0.38	0.10	0.12	0.42	2.10
1996/97	0.58	0.02	0.48	0.32	0.10	0.08	0.51	2.10
1997/98	0.56	0.07	0.45	0.36	0.11	0.14	0.53	2.22
1998/99	0.60	0.06	0.47	0.38	0.12	0.15	0.52	2.29
1999/2000	0.98	0.09	0.40	0.51	0.12	0.18	0.53	2.81
2000/01	0.82	0.06	0.47	0.44	0.11	0.21	0.47	2.58
2001/02	0.84	0.09	0.45	0.42	0.12	0.20	0.73	2.85
2002/03	1.09	0.08	0.47	0.52	0.11	0.21	0.83	3.32
2003/04	1.15	0.06	0.46	0.50	0.12	0.19	1.01	3.49
2004/05	0.91	0.07	0.49	0.53	0.15	0.26	1.08	3.50
2005/06	0.62	0.02	0.44	0.42	0.13	0.15	0.88	2.66
2006/07	1.01	0.08	0.44	0.54	0.13	0.17	0.96	3.33
2007/08	1.21	0.05	0.44	0.47	0.11	0.23	1.07	3.58
2008/09	1.38	0.05	0.49	0.47	0.11	0.10	0.95	3.56
2009/10	1.40	0.04	0.48	0.55	0.10	0.18	1.00	3.74
2010/11	1.61	0.05	0.53	0.45	0.11	0.17	0.94	3.85
2011/12	1.81	0.05	0.36	0.42	0.12	0.25	0.78	3.79
2012/13	2.00	0.06	0.43	0.47	0.10	0.27	0.85	4.18
2013/14	1.93	0.05	0.35	0.47	0.10	0.18	0.92	4.00
2014/15	1.71	0.07	0.49	0.41	0.11	0.21	1.07	4.07
2015/16	1.80	0.04	0.43	0.39	0.11	0.23	1.06	4.06
2016/17	2.07	0.05	0.44	0.57	0.07	0.43	1.13	4.85
2017/18	2.28	0.06	0.47	0.50	0.10	0.42	1.17	5.03
2018/19 P	2.26	0.10	0.53	0.54	0.11	0.49	1.08	5.21

P = Preliminary. ¹ Season begins in August of first year shown for almonds and walnuts, September for pistachios, October for pecans, and July for hazelnuts and macadamias. ² Includes Brazil nuts, pignolias (pine nuts), chestnuts, cashews, and mixed nuts.

³ Some figures may not add due to rounding.

Source: USDA, Economic Research Service calculations.

Table G-45--Total U.S. population ¹

Year	January 1	July 1
----- Millions -----		
1980	226.451	227.726
1981	228.937	229.966
1982	231.157	232.188
1983	233.322	234.307
1984	235.385	236.348
1985	237.468	238.466
1986	239.638	240.651
1987	241.784	242.804
1988	243.981	245.021
1989	246.224	247.342
1990	248.659	249.973
1991	251.659	253.336
1992	255.007	256.677
1993	258.357	260.037
1994	261.632	263.226
1995	264.795	266.364
1996	267.925	269.485
1997	271.121	272.756
1998	274.356	275.955
1999	277.550	279.144
2000	280.976	282.385
2001	283.920	285.309
2002	286.788	288.105
2003	289.518	290.820
2004	292.192	293.463
2005	294.914	296.186
2006	297.647	298.996
2007	300.574	302.004
2008	303.506	304.798
2009	306.208	307.439
2010	308.833	309.746
2011	310.553	311.997
2012	312.820	314.211
2013	315.089	316.359
2014	317.318	318.662
2015	319.691	320.978
2016	321.983	323.291
2017	324.218	325.368
2018	326.218	327.404

¹ Includes members of U.S. armed forces serving overseas.

Source: U.S. Department of Commerce, U.S. Census Bureau.

Table H-1--Imports as a share of domestic fresh fruit disappearance, 1975 to date

Year	Apples	Apricots	Avocados	Bananas	Blueberries	Cherries ¹	Cran-berries	Grapes	Kiwifruit	Mangoes ²		Papayas	Peaches and nectarines
										Percent	Percent		
1975	2.8	0.0	2.5	99.9	--	0.2	0.0	5.9	--	49.8	1.1	0.3	
1976	2.8	0.5	1.9	99.9	--	0.1	0.0	7.8	--	47.3	1.1	0.8	
1977	3.4	0.0	2.4	99.9	--	0.1	0.0	8.3	--	70.7	2.0	0.4	
1978	3.9	0.0	0.7	99.9	--	0.1	0.0	14.5	--	73.2	2.7	0.7	
1979	3.9	0.0	2.5	99.9	--	1.7	0.0	11.3	--	69.5	5.2	0.5	
1980	4.0	0.4	0.4	100.0	--	1.0	0.0	13.6	--	75.8	3.4	0.6	
1981	3.8	0.5	0.4	100.0	--	0.2	0.0	21.5	--	91.7	2.8	0.4	
1982	4.8	1.5	0.8	100.0	--	0.2	0.0	20.9	--	96.3	6.0	1.0	
1983	5.4	8.3	1.4	99.9	--	0.6	0.0	24.4	--	93.8	9.7	2.2	
1984	5.6	2.2	0.8	99.9	--	1.0	0.0	29.6	--	83.7	7.0	2.3	
1985	7.6	3.8	4.4	99.9	--	4.1	0.0	28.3	40.9	84.3	4.8	4.9	
1986	7.2	13.4	0.7	99.9	--	1.7	0.0	31.5	36.4	93.2	6.4	5.2	
1987	5.2	15.9	3.2	99.9	--	2.8	0.0	39.7	56.8	93.4	5.7	5.5	
1988	5.2	7.3	2.7	99.8	--	3.2	0.0	34.4	51.6	93.9	8.9	5.8	
1989	4.3	8.1	11.0	99.8	--	3.3	0.3	40.5	56.2	91.6	17.5	6.7	
1990	4.7	5.5	10.5	99.8	--	3.8	0.0	37.0	57.5	97.4	26.0	8.0	
1991	6.6	8.4	14.5	99.8	--	3.0	1.0	37.3	54.5	94.3	31.2	7.0	
1992	5.2	7.1	3.2	99.8	39.7	3.7	0.0	38.8	41.5	97.1	37.8	7.7	
1993	4.8	6.7	15.1	99.8	25.6	3.2	0.6	37.3	48.1	99.9	43.0	6.0	
1994	5.6	6.4	11.4	99.8	27.4	2.6	0.0	38.6	59.9	99.9	52.1	6.9	
1995	7.7	11.4	13.2	99.8	22.8	5.1	0.0	39.7	60.7	99.9	74.9	7.1	
1996	7.4	16.2	13.6	99.8	24.3	3.7	0.0	40.9	67.4	99.9	86.2	8.3	
1997	7.2	4.6	28.0	99.8	21.7	1.5	0.0	40.5	64.9	99.9	82.9	6.0	
1998	6.5	8.2	28.7	99.7	21.7	3.3	0.0	43.9	66.9	99.9	82.2	6.0	
1999	7.3	6.6	32.0	99.7	36.7	3.3	0.0	44.4	76.4	99.9	84.1	7.2	
2000	7.2	8.2	25.7	99.6	50.0	3.6	0.0	45.2	72.0	99.9	79.9	6.5	
2001	8.1	17.3	36.4	99.6	50.6	5.7	0.0	49.3	74.3	99.9	83.1	7.1	
2002	8.9	22.8	44.0	99.7	41.4	10.0	0.0	48.2	71.8	99.9	86.0	6.9	
2003	9.6	11.3	40.9	99.7	45.9	5.0	0.0	56.3	75.5	99.9	88.5	9.5	
2004	4.7	10.6	62.1	99.8	41.1	4.9	0.0	53.3	75.3	99.9	92.0	10.9	
2005	7.0	10.7	41.0	99.7	44.1	8.2	0.0	54.9	66.4	99.9	92.3	11.0	
2006	8.0	22.3	72.7	99.7	42.7	9.0	0.0	56.6	80.5	99.9	94.0	9.7	
2007	7.7	8.2	65.1	99.7	43.7	9.2	0.0	51.6	79.7	99.9	93.0	9.8	
2008	7.5	13.0	80.8	99.8	46.9	13.6	0.0	54.5	81.4	99.9	92.0	9.6	
2009	8.0	5.8	57.8	99.7	45.2	5.8	0.0	52.0	80.1	99.9	93.8	8.2	
2010	6.9	9.0	73.4	99.8	48.8	11.0	0.0	51.9	74.1	99.9	93.9	7.5	
2011	7.9	8.1	69.1	99.8	47.9	11.1	0.0	51.1	75.5	99.9	94.2	7.4	
2012	8.5	7.6	70.9	100.0	51.0	6.3	0.0	52.3	79.7	99.9	99.9	7.2	
2013	8.5	3.3	82.5	99.8	51.1	7.2	0.0	46.5	82.3	99.9	96.5	8.5	
2014	6.0	3.2	85.4	99.9	48.6	7.8	0.0	49.1	82.8	99.9	96.7	5.2	
2015	7.4	3.1	81.5	99.9	52.7	8.1	0.0	46.1	86.9	99.9	96.1	8.9	
2016	6.1	4.7	88.9	99.9	57.2	7.7	0.0	49.8	82.1	99.9	97.7	11.8	
2017	5.0	5.0	87.3	99.9	56.6	5.5	0.0	50.8	77.7	99.9	96.8	10.1	
2018	5.8	4.8	86.9	99.9	60.3	6.9	0.0	47.5	73.6	99.9	99.9	11.6	

Year	Pears	Pineapples	Plums	Raspberries	Strawberries	Grapefruit	Lemons	Limes	Oranges	Tangerines ³	All fresh fruit	All fruit excluding bananas	
												Percent	Percent
1975	2.6	48.0	0.6	--	8.9	0.6	0.0	16.2	0.8	9.5	23.5	3.1	
1976	1.6	48.3	1.1	--	6.0	0.5	0.0	15.9	0.6	5.2	25.4	3.0	
1977	2.4	48.0	0.5	--	5.9	1.1	0.0	23.2	1.2	10.9	27.0	4.0	
1978	2.9	45.6	1.0	--	7.1	0.4	0.0	45.0	0.9	9.8	27.4	4.3	
1979	3.5	46.8	0.8	--	7.2	0.4	0.0	43.7	3.0	11.0	29.6	4.9	
1980	3.2	44.3	0.5	--	2.8	0.4	0.0	42.8	0.7	9.0	26.7	4.2	
1981	3.3	38.7	0.9	--	1.3	0.6	0.0	43.2	0.6	6.5	29.1	4.7	
1982	3.3	37.5	1.4	--	0.8	0.2	0.8	45.1	1.1	10.7	30.7	5.9	
1983	3.9	43.2	2.5	--	0.9	0.3	1.6	34.6	0.4	5.4	28.2	6.2	
1984	6.7	37.7	3.1	--	1.3	0.1	1.4	39.2	1.4	8.9	30.5	7.3	
1985	8.3	33.8	8.9	--	1.3	0.4	1.9	38.2	1.0	4.5	33.4	8.7	
1986	9.7	40.9	11.1	--	1.9	0.4	5.5	50.2	1.9	5.8	34.3	9.5	
1987	8.5	37.4	8.2	--	4.4	0.3	3.6	48.6	1.4	7.3	33.0	9.7	
1988	11.2	41.9	9.5	--	4.8	0.7	2.0	55.3	1.5	8.2	32.0	9.5	
1989	11.7	44.7	13.1	--	4.5	0.5	2.2	57.9	0.6	8.9	33.7	10.9	
1990	12.5	49.0	13.4	--	4.0	0.9	3.6	53.0	0.9	11.2	34.8	11.5	
1991	16.3	52.4	14.6	--	3.5	1.1	3.9	62.2	6.4	13.2	37.9	13.8	
1992	17.7	53.3	12.3	--	2.6	1.6	3.1	68.2	1.0	8.5	36.0	11.8	
1993	16.5	52.9	14.9	--	3.3	1.7	2.4	77.3	0.6	8.3	35.6	11.9	
1994	11.6	54.4	11.6	17.3	4.1	2.0	2.4	97.0	1.1	7.4	37.0	12.8	
1995	14.1	54.0	20.4	32.6	5.4	1.9	3.2	96.7	1.4	8.8	38.6	14.9	
1996	20.8	58.4	11.9	36.3	5.8	2.1	3.1	95.5	1.5	7.8	39.3	15.5	
1997	16.0	70.4	12.3	32.6	2.9	1.7	4.2	95.2	1.7	11.3	38.4	16.0	
1998	20.0	73.4	12.8	36.5	5.4	0.7	9.5	94.8	2.2	14.3	40.0	17.4	
1999	20.1	73.7	16.5	37.4	7.4	2.1	7.3	92.4	9.7	19.6	45.0	21.3	
2000	19.5	76.1	15.5	34.9	5.6	0.9	5.4	90.9	3.1	26.3	42.4	20.1	
2001	18.9	78.5	19.6	36.8	5.9	3.1	8.6	97.4	3.5	28.4	43.5	22.4	
2002	21.5	81.3	20.8	51.2	6.7	4.5	8.9	99.3	3.9	15.8	43.9	23.3	
2003	16.3	81.8	18.6	25.3	5.9	3.2	6.9	99.9	3.5	24.0	44.3	25.0	
2004	19.3	86.7	23.4	36.6	5.9	3.4	6.3	99.9	4.4	25.1	44.1	25.5	
2005	21.3	87.7	26.6	53.4	7.1	4.0	9.7	99.9	4.6	29.0	45.8	27.6	
2006	24.7	89.9	22.5	24.8	8.4	5.5	6.7	99.9	5.2	28.3	47.2	29.9	
2007	20.2	99.9	25.7	48.4	8.3	5.7	14.5	99.9	11.4	34.6	50.3	32.4	
2008	19.4	99.9	23.3	54.9	7.3	3.2	24.5	99.9	5.6	22.8	49.0	32.1	
2009	14.1	99.9	28.0	33.4	8.5	3.1	9.6	99.9	7.1	29.8	46.1	30.6	
2010	19.2	99.9	24.9	50.8	8.9	3.0	10.7	99.9	7.8	24.2	49.1	32.3	
2011	13.8	99.9	24.1	43.2	10.6	1.9	8.8	99.9	7.2	25.9	48.6	32.2	
2012	20.0	99.9	27.0	57.3	14.0	0.3	10.2	99.9	8.0	24.9	50.4	34.0	
2013	20.1	99.9	38.9	58.3	13.1	3.5	9.0	99.9	9.3	24.0	51.8	35.7	
2014	21.7	99.9	18.1	39.8	14.0	3.7	9.0	99.9	10.6	25.3	51.8	36.1	
2015	20.4	99.9	31.0	52.1	12.7	2.9	14.7	99.9	12.3	28.0	53.3	37.7	
2016	18.2	99.9	28.1	53.9	15.3	5.6	13.4	99.9	12.2	30.0	53.4	38.8	
2017	20.0	99.9	21.9	67.5	16.6	8.7	15.6	99.9	15.4	31.7	55.8	41.3	
2018	16.9	99.9	27.3	66.7	15.3	7.8	16.1	99.9	18.2	40.3	56.9	42.8	

-- = not available. ¹ Includes sweet and tart cherries. ² Prior to 1993, included mangoes, mangosteens, and guavas. ³ Includes clementines and mandarins.

Source: USDA, Economic Research Service calculations.

Table H-2--Imports as a share of domestic canned fruit disappearance, 1975 to date

Year	Apricots	Sweet cherries ¹	Tart cherries	Olives	Peaches	Pears	Plums	Apples	Pineapples	All canned fruit
-----Percent-----										
1975	0.1	0.0	0.0	38.8	0.0	0.0	4.0	0.5	41.1	12.5
1976	0.2	0.0	0.0	37.7	0.0	0.0	2.9	0.6	47.8	14.7
1977	0.0	0.0	0.0	57.0	0.0	0.0	3.5	0.8	50.2	15.5
1978	0.4	0.0	0.0	52.9	0.0	0.0	4.6	1.2	51.3	16.7
1979	0.3	0.0	0.0	38.9	0.0	0.0	4.0	0.9	54.7	15.5
1980	0.1	0.0	0.0	27.9	0.0	0.0	4.4	0.5	58.2	16.1
1981	0.3	0.0	0.0	48.6	0.0	0.0	3.4	1.5	58.5	17.6
1982	1.4	0.0	0.0	31.6	0.1	0.0	4.1	0.6	57.5	16.7
1983	9.4	0.0	0.0	49.8	5.1	0.2	6.4	0.7	53.4	18.9
1984	6.2	0.0	0.0	40.7	4.9	1.8	8.7	0.2	60.2	19.9
1985	4.1	0.0	0.0	46.0	5.6	4.7	5.2	0.4	66.7	23.6
1986	10.3	0.0	0.0	44.3	3.1	0.6	5.1	0.3	64.9	23.2
1987	5.0	0.0	0.0	53.3	4.8	0.1	2.8	0.3	72.0	22.6
1988	6.0	1.9	0.6	44.9	8.2	0.0	2.1	0.3	75.1	23.2
1989	1.0	2.7	1.7	36.4	6.8	0.4	2.7	1.0	80.9	25.2
1990	1.0	13.0	0.8	32.7	2.7	0.1	5.3	0.4	79.3	22.7
1991	1.2	8.1	0.6	45.1	6.2	0.0	7.2	0.2	80.6	25.4
1992	2.4	5.3	1.2	27.2	3.7	0.0	4.0	0.1	83.3	25.4
1993	5.9	6.1	0.7	34.9	3.7	0.6	7.4	0.4	90.1	28.1
1994	0.8	7.1	0.4	43.4	3.6	0.3	5.5	0.7	89.7	26.6
1995	1.6	5.8	0.4	45.2	3.2	0.1	10.1	1.4	89.2	28.1
1996	4.0	16.1	1.6	29.4	5.1	6.3	9.0	2.7	88.6	28.3
1997	0.5	8.2	1.4	43.6	3.6	1.4	5.7	2.4	89.3	25.4
1998	0.6	3.9	0.9	49.5	2.7	1.3	7.7	3.2	87.6	25.1
1999	0.5	8.7	0.8	38.0	4.8	0.3	9.1	3.0	89.9	29.0
2000	1.8	23.3	1.1	65.3	8.1	1.1	10.0	4.4	89.0	31.2
2001	2.1	17.5	1.7	42.3	11.4	3.2	11.3	4.1	89.0	29.8
2002	1.9	100.0	24.6	52.4	8.0	4.5	16.8	7.0	89.9	33.0
2003	1.2	13.7	2.5	48.8	6.1	6.2	18.2	6.1	92.4	33.4
2004	0.9	23.1	4.6	53.6	6.5	5.9	20.4	6.1	94.8	33.3
2005	1.8	19.2	3.7	46.1	8.8	10.1	26.2	6.7	95.9	36.9
2006	3.8	25.2	3.3	87.3	17.8	10.4	17.3	7.7	96.5	41.8
2007	2.6	39.2	4.3	48.4	14.7	10.4	16.9	9.2	99.9	39.1
2008	2.6	50.0	4.3	67.6	12.7	9.2	21.1	11.2	99.9	39.9
2009	2.0	17.3	4.8	84.4	11.5	8.4	21.8	10.2	99.9	39.2
2010	3.4	100.0	7.8	40.8	13.3	9.8	30.3	12.0	99.9	38.4
2011	4.4	56.7	7.2	81.3	12.0	7.4	29.1	14.0	99.9	41.2
2012	6.2	68.3	0.0	57.7	17.5	9.7	40.4	24.7	99.9	46.8
2013	10.8	100.0	16.8	56.6	19.7	10.8	29.8	14.3	99.9	41.5
2014	7.2	100.0	39.6	78.5	24.0	12.4	46.8	16.0	99.9	44.1
2015	19.2	89.3	29.4	62.2	24.5	11.9	31.4	19.0	99.9	45.1
2016	12.2	100.0	31.2	63.8	21.9	13.5	100.0	18.1	99.9	44.5
2017	16.2	84.1	69.8	56.7	21.3	12.8	100.0	20.0	99.9	44.7
2018	45.6	52.9	29.4	91.2	28.6	11.6	100.0	18.1	99.9	47.7

¹ A freeze in 2002 destroyed most of the sweet cherry crop, and although there was a small quantity of domestic production, more of the processed production was exported than consumed domestically. A somewhat similar situation was noted in 2010 (when domestic production declined significantly from the record-large harvest the previous year) and in 2013, 2014, and 2016.

Source: USDA, Economic Research Service calculations.

Table H-3--Imports as a share of domestic frozen fruit disappearance, 1976 to date

Year	Blackberries	Blueberries	Raspberries	Straw- berries	Sweet cherries	Tart cherries	All frozen fruit ¹
----- Percent -----							
1976	0.0	21.0	0.0	18.3	0.0	0.0	6.8
1977	0.0	37.8	0.0	37.3	0.0	0.0	12.3
1978	16.4	41.6	17.2	33.4	0.0	0.0	13.3
1979	7.6	13.5	8.7	41.0	0.0	0.0	16.5
1980	45.8	18.0	6.4	26.7	0.0	0.0	11.2
1981	0.1	14.4	0.5	20.0	0.0	0.0	8.1
1982	9.2	15.9	9.1	12.7	0.0	0.0	5.3
1983	8.6	43.1	6.2	14.6	0.0	0.5	6.9
1984	13.7	18.5	33.1	18.0	0.0	0.5	8.1
1985	31.4	19.6	21.5	21.2	0.0	0.1	8.6
1986	41.4	11.3	60.9	17.4	0.0	0.2	8.4
1987	23.8	25.2	40.6	24.3	0.0	0.3	8.9
1988	6.8	22.1	14.3	20.0	0.0	0.2	7.1
1989	8.1	17.6	21.0	16.1	0.0	0.0	5.7
1990	9.8	19.1	19.3	22.9	0.0	0.0	8.2
1991	14.8	15.4	19.8	20.0	0.0	0.0	9.1
1992	0.0	11.0	23.9	17.0	0.0	0.0	10.6
1993	0.0	10.4	20.8	16.1	0.0	0.0	13.2
1994	0.0	16.1	23.4	16.7	0.0	0.0	15.3
1995	0.0	14.9	24.0	19.3	0.8	0.0	11.6
1996	0.0	26.2	32.3	14.8	0.9	0.0	13.9
1997	0.0	32.6	30.8	18.3	0.6	0.1	16.5
1998	0.0	31.2	23.5	14.0	0.3	0.0	14.0
1999	0.0	27.2	33.4	23.8	0.9	1.3	18.0
2000	0.0	39.8	25.4	17.5	1.4	2.1	23.5
2001	0.0	44.3	23.3	14.5	3.7	0.9	11.7
2002	0.0	69.4	29.0	24.3	7.0	17.3	25.0
2003	0.0	64.7	31.5	22.8	5.0	11.6	23.6
2004	0.0	99.4	40.0	25.6	2.9	6.3	27.6
2005	0.0	64.3	49.3	25.6	3.8	3.5	28.3
2006	0.0	70.6	44.4	28.9	3.5	4.1	30.7
2007	0.0	71.2	37.3	31.7	4.2	9.0	29.9
2008	0.0	80.3	47.4	28.6	4.6	6.2	32.3
2009	0.0	52.5	40.4	31.9	1.3	6.1	27.5
2010	0.0	52.1	45.2	28.0	2.8	5.3	31.0
2011	0.0	79.2	44.5	33.4	8.0	3.4	36.7
2012	0.0	83.5	42.3	33.2	11.5	39.9	45.1
2013	0.0	75.2	45.9	32.2	11.2	9.3	43.1
2014	0.0	66.8	37.6	32.7	18.2	5.4	39.0
2015	0.0	70.4	35.0	43.1	16.9	5.5	46.7
2016	0.0	80.3	38.6	42.4	20.3	5.2	53.5
2017	0.0	58.2	37.2	37.6	14.0	5.5	40.2
2018	d	59.2	43.6	34.0	30.2	5.1	45.3

d = discontinued.

¹ Includes frozen apricot, peach, plum and prune, and miscellaneous fruit, each of which had imports accounting for less than 0.01 percent of consumption.

Source: USDA, Economic Research Service calculations.

Table H-4--Imports as a share of domestic fruit juice disappearance, 1972 to date

Year	Apple	Grape	Prune	Pine- apple	Grape- fruit	Lemon	Lime	Orange	Total juice
----- Percent -----									
1972	15.3	5.8	na	20.4	0.0	0.0	0.0	19.0	15.5
1973	23.6	32.9	na	23.2	0.0	0.0	0.0	9.4	9.5
1974	23.1	15.5	na	24.5	0.0	0.0	0.0	8.1	8.4
1975	24.1	2.0	na	31.6	0.0	0.0	0.0	13.4	12.0
1976	25.7	1.1	na	32.6	0.0	0.0	0.0	11.4	11.2
1977	31.5	1.9	na	40.8	0.0	0.0	0.0	17.8	16.4
1978	33.2	1.1	na	45.4	0.0	0.0	0.0	17.3	16.1
1979	21.7	1.6	na	52.7	0.0	0.0	0.0	15.8	15.1
1980	31.0	1.9	na	56.7	0.0	0.0	0.0	10.6	13.3
1981	35.7	3.3	na	57.4	0.0	0.0	0.0	21.0	19.8
1982	49.3	3.1	na	56.6	0.0	0.0	0.0	41.3	35.5
1983	48.9	7.9	na	49.8	0.0	0.0	0.0	27.8	27.1
1984	58.1	10.8	na	59.1	0.0	0.0	0.0	50.7	46.8
1985	59.9	13.5	na	70.1	0.0	2.7	21.2	51.6	46.3
1986	64.4	11.7	na	69.6	0.0	33.2	20.9	45.5	45.3
1987	41.9	10.8	na	54.5	0.0	10.5	43.6	44.0	38.1
1988	63.8	24.1	na	57.5	0.0	12.2	18.2	33.7	37.4
1989	54.8	31.4	7.8	67.5	0.0	22.3	57.1	30.3	33.5
1990	63.9	37.2	7.0	72.0	2.8	55.4	60.5	30.4	37.7
1991	57.0	37.0	5.5	73.3	1.1	47.2	61.6	27.9	34.6
1992	52.8	47.9	16.0	72.4	3.9	34.9	52.8	25.9	33.7
1993	59.7	27.2	36.2	82.9	1.4	27.5	52.8	24.1	31.9
1994	54.8	22.4	30.2	79.8	0.5	23.9	92.8	30.3	34.1
1995	53.7	41.0	16.1	83.6	0.5	20.0	97.4	15.7	25.6
1996	63.4	58.8	14.2	81.7	0.3	17.9	93.0	18.3	28.6
1997	60.1	43.1	14.0	81.0	0.1	22.7	95.7	18.3	27.4
1998	60.2	45.9	13.5	77.7	0.1	24.8	84.6	16.3	24.9
1999	60.6	42.2	7.5	80.3	0.8	34.9	86.8	24.2	32.2
2000	62.9	42.1	8.5	78.7	3.4	43.7	93.7	21.6	30.9
2001	69.5	53.2	16.2	80.0	0.6	37.0	98.3	17.5	29.9
2002	77.3	48.8	23.8	81.8	0.2	48.5	99.9	12.8	29.5
2003	79.8	45.6	23.9	86.1	0.4	40.2	99.9	20.5	36.0
2004	75.9	57.1	72.0	87.9	0.4	50.5	99.9	14.9	32.8
2005	75.7	40.6	56.4	89.0	16.2	45.5	99.9	24.7	38.8
2006	81.6	54.4	59.0	91.3	9.2	53.4	99.9	21.9	41.9
2007	86.0	47.6	55.1	99.9	1.0	49.5	99.9	31.0	48.0
2008	83.7	47.5	61.9	99.9	0.4	61.0	100.0	33.6	49.6
2009	84.4	43.2	53.4	99.9	0.6	48.7	100.0	25.5	44.9
2010	85.9	49.3	52.8	99.9	0.9	42.1	100.0	29.3	48.2
2011	83.0	47.9	44.5	99.9	0.5	66.8	100.0	22.6	42.2
2012	85.8	58.4	46.5	99.9	0.9	78.7	100.0	22.3	47.0
2013	79.1	45.6	58.5	99.9	1.2	67.1	100.0	41.0	52.8
2014	78.9	34.9	71.6	99.9	0.5	78.9	100.0	42.1	53.3
2015	83.3	40.0	71.5	99.9	0.8	74.5	100.0	49.7	60.0
2016	83.7	29.2	83.7	99.9	2.1	83.9	100.0	45.5	58.3
2017	83.1	29.8	71.9	99.9	7.9	85.7	100.0	51.7	62.4
2018	84.4	35.0	69.5	99.9	24.7	80.7	100.0	75.7	74.4

na = not available.

Source: USDA, Economic Research Service calculations.

Table H-5 --Imports as a share of domestic dried fruit disappearance, 1975/76 to date

Year	Apricots ¹	Dates	Figs	Peaches	Pears	Prunes	Apples	Raisins	All dried fruit
----- Percent -----									
1975/76	30.7	57.5	50.1	2.1	6.7	0.5	1.9	0.2	5.7
1976/77	37.3	54.7	57.6	0.0	0.0	1.2	6.7	9.7	12.1
1977/78	36.1	48.6	49.9	0.0	0.0	0.4	5.7	1.2	6.9
1978/79	44.9	56.2	73.9	0.0	13.3	0.8	6.6	13.2	16.8
1979/80	28.3	50.9	66.7	0.0	0.0	0.8	3.4	1.5	7.1
1980/81	39.4	9.4	46.0	0.0	0.0	0.1	4.9	0.0	2.7
1981/82	47.4	18.6	38.8	0.0	0.0	0.2	8.0	0.3	4.3
1982/83	54.9	37.5	46.5	0.0	0.0	0.8	13.1	3.0	7.7
1983/84	65.4	42.0	53.1	1.1	0.0	1.5	9.3	1.7	7.8
1984/85	70.6	45.4	44.5	0.0	31.3	1.1	11.0	0.3	6.9
1985/86	75.3	11.5	48.7	0.0	15.4	2.6	15.9	1.6	5.7
1986/87	95.3	19.9	30.6	2.9	0.0	3.0	12.5	2.8	8.3
1987/88	61.7	30.2	36.4	0.0	0.0	0.7	9.3	3.9	7.2
1988/89	78.0	37.6	31.1	3.9	0.0	0.8	12.5	4.3	8.2
1989/90	76.7	37.0	30.6	5.9	0.0	1.1	14.5	5.0	9.8
1990/91	77.9	18.9	49.3	6.1	0.0	0.7	15.0	5.2	9.3
1991/92	88.9	26.2	36.6	1.3	0.0	1.1	8.9	4.0	8.7
1992/93	91.9	29.2	37.8	0.1	0.0	3.7	12.3	3.6	10.8
1993/94	87.3	21.3	41.5	1.9	0.0	6.5	13.8	3.2	10.2
1994/95	81.6	15.6	53.4	2.3	0.0	0.8	11.5	4.9	12.6
1995/96	100.0	22.7	34.8	1.2	0.0	0.4	12.8	6.0	12.0
1996/97	91.4	13.3	23.0	0.7	0.0	0.6	18.1	6.1	11.3
1997/98	96.3	17.7	25.2	1.1	0.0	0.3	15.6	5.7	12.1
1998/99	100.0	21.5	20.0	0.9	0.0	0.9	9.5	12.1	15.7
1999/00	100.0	21.7	24.8	7.6	0.0	0.9	19.3	8.6	15.1
2000/01	100.0	20.1	20.0	13.5	0.0	0.8	23.3	6.1	14.9
2001/02	100.0	23.8	42.8	2.0	0.0	1.4	27.2	8.0	17.8
2002/03	100.0	21.5	38.0	6.8	0.0	1.1	34.0	7.3	15.3
2003/04	100.0	30.5	36.1	82.7	0.0	0.9	41.4	5.7	18.1
2004/05	95.1	30.6	35.9	84.6	0.0	18.1	38.5	10.0	21.0
2005/06	99.2	35.9	39.0	79.8	0.0	15.8	39.4	11.1	23.0
2006/07	100.0	41.5	39.7	63.5	0.0	3.9	38.6	14.1	23.2
2007/08	92.7	32.0	24.2	81.0	0.0	1.9	49.8	10.8	22.0
2008/09	93.6	45.9	44.5	84.8	0.0	8.4	44.5	10.2	21.9
2009/10	100.0	40.0	40.3	81.0	0.0	2.9	40.9	11.3	21.2
2010/11	95.4	47.9	38.6	79.0	0.0	1.1	40.9	10.5	21.7
2011/12	93.7	46.7	47.9	88.5	0.0	0.9	37.4	9.6	19.0
2012/13	96.7	52.8	57.0	73.3	0.0	1.9	35.9	8.8	20.7
2013/14	97.2	56.6	70.6	92.6	0.0	11.0	47.3	7.1	21.6
2014/15	91.1	57.7	66.4	85.9	0.0	20.3	47.6	9.0	21.7
2015/16	97.6	49.9	74.4	89.3	0.0	30.5	46.8	12.4	26.7
2016/17	97.9	46.6	71.4	100.0	0.0	39.4	28.2	7.2	22.8
2017/18	100.0	54.2	72.8	100.0	0.0	19.1	25.4	19.8	30.9
2018/19	100.0	52.6	65.2	100.0	0.0	15.7	35.1	d	50.1

d = discontinued.

¹ Since 1995/96, exports have often exceeded the quantity produced domestically, resulting in the share of imports exceeding 100 percent. In those years, the import share was set at 100 percent.

Source: USDA, Economic Research Service calculations.