

Oregon's

CARLOT SHIPMENTS and UNLOADS of TREE FRUITS

1925

-

1943

Apples, Cherries,
Peaches, Pears,
Prunes, Etc.

FARM MARKET DATA

Prepared by the Oregon State
College Extension Service, Ag-
ricultural Economics Section,
from data by the Agricultural
Marketing Service and the Bu-
reau of Agricultural Econom-
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OREGON AGRICULTURAL STATISTICS YEARBOOKS

Commodity group statistical yearbooks are issued by the Oregon State College Extension Service, in cooperation with the Bureau of Agricultural Economics, United States Department of Agriculture, and become available to interested persons as rapidly as it is possible to complete the data. The twelve groups of farm products are listed below:

SPECIALTY HORTICULTURAL CROPS

Nursery, greenhouse, flower crops, holly, etc.

SMALL FRUITS CROPS

Strawberries, raspberries, youngberries, boysenberries, loganberries, blackberries, gooseberries, cranberries, grapes, etc.

TREE FRUIT AND NUT CROPS

Apples, cherries, peaches, pears, prunes, filberts, walnuts, etc.

MISCELLANEOUS SPECIALTY CROPS

Hops, flax, sugar beets, peppermint, vegetable seeds, etc.

FORAGE SEED CROPS

Alfalfa, clover, grass, pea, vetch seeds, etc.

GRAIN AND HAY CROPS

Wheat, oats, barley, rye, corn, hay, etc.

POTATOES AND TRUCK CROPS

Potatoes, vegetables for market and for processing, melons, etc.

FARM FOREST PRODUCTS

Firewood, saw logs, pulpwood, posts, piling, etc.

MISCELLANEOUS ANIMAL INDUSTRIES

Horses and mules, mohair, farm-raised fur and game, and apiary products.

POULTRY AND EGGS

Chickens, chicken eggs, turkeys, etc.

THE DAIRY INDUSTRY

Milk production and marketing of whole milk, cream, and farm-made dairy products, etc.

PRINCIPAL ANIMAL INDUSTRIES

Cattle—beef and veal; hogs—and products; and sheep—lamb, mutton, and wool.

Note: Other statistical bulletins and circulars bearing on the production and marketing of Oregon's numerous agricultural products are issued from time to time.

Oregon's Carlot Shipments and Unloads of Tree Fruits*

1925-1943

Carlot shipments of tree fruits in Oregon during the year 1943 amounted to 5,668 cars (including boat shipments reduced to carlot equivalents), compared with 6,514 in 1942, 7,390 as the 1935-1939 average, and 9,968 as the 1925-1929 average. Pears led all other fruits with 3,191 cars shipped in 1943, or approximately 56 per cent of the state total. Apples were second with 1,191 cars, around 21 per cent of the total, followed by fresh prunes with approximately 14 per cent, cherries with approximately 6 per cent, and dried prunes with approximately 2 per cent. Smaller shipments were made of fresh peaches and apricots, dried apples, and mixed fruits.

During the 1935-1939 period, pears comprised 51 per cent of the tree fruit shipments, apples 31 per cent, fresh prunes 9 per cent, dried prunes 3 per cent, cherries 3 per cent, mixed fruit 2 per cent, and peaches 1 per cent. More complete data on carlot shipments will be found in Table 1. These fruits are distributed widely throughout the United States, as indicated by the carlot unload data in Tables 2 to 8. For more complete data on carlot shipments and unloads from 1925 to 1935 see Oregon State College Extension Circulars 299 and 301. For information on acreage, production, price, and income of Oregon's tree fruits and nuts, see Extension Bulletin 631.

Much of the data in this bulletin have been broken down by the six type-of-farming districts in the state†, showing the volume of shipment and trends by kinds of fruit. Two districts in Oregon—the Columbia Basin counties and the southern Oregon counties—ship the bulk of the tree fruits. In 1943, shipments from these two districts approximated 96 per cent of the tree fruit. District 3 (Southern Oregon) is the principal pear shipping district while apples, prunes, and cherries are shipped principally from District 4 (Columbia Basin). Two other districts—the Willamette Valley and the Snake River Basin—make up the other 4 per cent.

* Prepared by L. R. Breithaupt, Extension Agricultural Economist, and Mrs. Elvera Horrell, Junior Extension Statistician, from data by the Agricultural Marketing Service and the Bureau of Agricultural Economics, United States Department of Agriculture.

† District 1—Willamette Valley counties: Benton, Clackamas, Lane, Linn, Marion, Multnomah, Polk, Washington, Yamhill. District 2—Coast and Lower Columbia counties: Clatsop, Columbia, Coos, Curry, Lincoln, Tillamook. District 3—Southern Oregon counties: Douglas, Jackson, Josephine. District 4—Columbia Basin counties: Gilliam, Hood River, Morrow, Sherman, Umatilla, Wasco, Wheeler. District 5—Snake River Basin counties: Baker, Malheur, Union, Wallowa. District 6—South Central counties: Crook, Deschutes, Grant, Harney, Jefferson, Klamath, Lake.

Table 1. CARLOT SHIPMENTS OF TREE FRUITS, OREGON, BY DISTRICTS, 1925-1943

District and commodity	Average 1925- 1929	Average 1930- 1934	Average 1935- 1939	Year 1940	Year 1941	Year 1942	Year 1943
	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
District 1							
Fresh apples	142.6	43.4	8.6	1	.....	.....	.....
Dried apples	1.0	.....	.....	.....	.....	.....	.....
Fresh cherries	86.6	41.8	3.8	.....	.....	.....	.....
Mixed fruit .....	.8	.....	.....	.....	.....	.....	.....
Fresh peaches ....	.4	.....	.....	.....	.....	.....	.....
Fresh pears	53.6	21.6	16.4	9	8	16	.....
Fresh prunes	57.0	9.8	.2	.....	.....	1	126
Dried prunes	375.4	185.8	111.0	215	14	88	60
Total	719.4 ¹	302.4	140.0	225	22	105	186
District 3							
Fresh apples	583.2	322.6	180.8	16	40	5	6
Dried apples ....	.6	.4	.....	.....	.....	.....	.....
Fresh cherries	4.2	2.2	.....	.....	.....	.....	.....
Mixed fruit .....	.8	.....	1.6	1	1	.....	1
Fresh peaches	8.4	4.0	8.0	3	.....	4	11
Fresh pears	2,798.8	2,783.0	2,702.0	3,285	2,572	2,948	2,404
Fresh prunes	24.0	31.0	4.2	33	.....	8	.....
Dried prunes	181.8	161.0	87.0	64	22	24	64
Total	3,601.8	3,304.2	2,983.6	3,402	2,635	2,989	2,486
District 4							
Fresh apples	3,354.6	2,509.2	1,932.4	1,764	1,205	1,002	1,143
Dried apples	12.0	8.2	2.4	.....	.....	.....	.....
Fresh apricots ....	.....	.....	27.8	11	19	14	9
Fresh cherries	210.6	198.4	174.6	232	231	243	314
Mixed fruit	20.0	18.0	121.4	201	133	35	27
Fresh peaches	11.2	3.8	1.0	.....	.....	1	5
Fresh pears	421.8	574.8	1,053.0	1,185	863	1,043	787
Fresh prunes	785.4	801.2	610.2	1,048	866	1,015	662
Dried prunes	2.6	1.8	.....	.....	.....	.....	.....
Total	4,818.2	4,115.4	3,922.8	4,441	3,317	3,353	2,947
District 5							
Fresh apples	578.0	313.4	106.0	102	80	30	42
Dried apples ....	.4	7.8	.2	.....	.....	.....	.....
Fresh cherries	47.0	37.0	17.8	34	16	.....	5
Mixed fruit	2.6	.6	.2	.....	.....	.....	.....
Fresh peaches	28.8	27.8	35.8	48	21	34	2
Fresh pears	5.4	3.8	.8	3	1	.....	.....
Fresh prunes	126.6	71.2	34.2	11	3	3	.....
Total	788.8	461.6	195.0	198	121	67	49
Boat shipments ²							
Fresh apples	39.6	27.8	89.4	9	5	*	*
Dried apples ....	.....	.....	1.0	.....	.....	.....	.....
Mixed fruit .....	.....	.....	.2	.....	.....	.....	.....
Fresh pears ....	.....	.2	20.6	.....	1	.....	.....
Dried prunes ....	.....	.....	36.2	20	.....	.....	.....
Total	39.6	28.0	147.4	29	6	.....	.....
State total							
Fresh apples	4,698.0	3,216.4	2,318.0 ³	1,892	1,330	1,037	1,191
Dried apples	14.0	16.4	3.6	.....	.....	.....	.....
Fresh apricots ....	.....	.....	27.8	11	19	14	9
Fresh cherries	348.4	279.4	196.2	266	247	243	319
Mixed fruit	24.2	18.6	123.4	202	134	35	28
Fresh peaches	48.8	35.6	44.8	51	21	39	18
Fresh pears	3,279.6	3,383.4	3,792.8	4,482	3,445	4,007	3,191
Fresh prunes	993.0	913.2	648.8	1,092	869	1,027	788
Dried prunes	559.8	348.6	234.2	299	36	112	124
Total	9,967.8 ¹	8,211.6	7,389.6	8,295	6,101	6,514	5,668

¹Includes 10 cars of dried peaches in 1927—all from Beaverton in Washington County.²Reduced to carlot equivalents.³Includes .8 car of unknown origin during 1935-1939 period.

* Data not available due to wartime regulations.

Distribution of Oregon Carlot Fruit Shipments

The following section of this bulletin deals with the carlot unloads of tree fruits, and gives consideration to their distribution to the extent the data that have been used indicate. Of course, not all of the carlot shipments are unloaded in the markets for which unload data are given. In 1925 and 1926, the unload data were available in 36 cities; from 1927 to 1939, inclusive, in 66 cities; from 1940 to 1942 in only 23 cities; and for 1943 in 25 cities.*

The twenty-three principal cities considered in this report, for which the data are available from 1925 through 1943, are as follows:

Atlanta, Ga.	Detroit, Mich.	Pittsburg, Pa.
Baltimore, Md.	Ft. Worth, Texas	Portland, Ore.
Boston, Mass.	Kansas City, Mo.	St. Louis, Mo.
Chicago, Ill.	Los Angeles, Calif.	St. Paul, Minn.
Cincinnati, Ohio	Minneapolis, Minn.	San Francisco, Calif.
Cleveland, Ohio	New Orleans, La.	Seattle, Wash.
Dallas, Texas	New York City, N. Y.	Washington, D. C.
Denver, Colo.	Philadelphia, Pa.	

Carlot unloads of Oregon tree fruits in these twenty-three cities in 1943 totaled nearly 4,000 cars, more than 60 per cent of which were pears. During the 1935-1939 period, more than 3,600 cars were unloaded annually in the same cities. Around 60 per cent of the tree fruit unloads during this period were pears. Apples ranked second in quantity unloaded, followed by prunes, cherries, peaches, and apricots.

For certain markets, reports of truck unloads are available. Nearby markets reporting truck unloads are San Francisco and Los

Table 2. CARLOT UNLOADS OF OREGON TREE FRUITS IN TWENTY-THREE CITIES, 1930-1943

	Average 1930- 1934	Average 1935- 1939	Year 1940	Year 1941	Year 1942	Year 1943
	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
Apples	951.0	745.0	794	806	670	714
Apricots	19.0 ¹	28.2	10	18	9	8
Cherries	216.2	151.4	253	198	180	271
Crabapples					1	
Mixed fruit	6.5 ¹	13.2	23	25	16	27
Peaches	19.2	33.4	31	34	34	19
Pears	2,041.0	2,238.4	2,977	2,525	2,851	2,454
Prunes	538.4	445.4	552	489	512	488
Total unloads	3,791.3	3,655.0	4,640	4,095	4,273	3,981

¹Four-year average. No reports available for 1933.

* In addition to the twenty-three cities listed in this report, carlot unload data were reported for two additional cities in 1943—Oakland, California, and Oklahoma City, Oklahoma. The equivalent of 56 cars of Oregon tree fruits was unloaded at Oakland, 37 of which were apples, 7 peaches, and 12 pears. All of the apples arrived by freight and all of the peaches by truck. Of the pears, 7 cars arrived by freight while the equivalent of 5 cars arrived by truck. At Oklahoma City, 8 cars of Oregon tree fruits were reported unloaded—2 of apples, 1 of pears, and 5 of prunes.

Angeles. Oregon truck unloads at these two markets, converted to carlot equivalents, have been included in this report. Of course, Portland, Oregon, receives by truck the equivalent of many carloads of Oregon-grown fruit. Official data on truck unloads at Portland, however, are not available.

Apples. During 1943, 714 carloads of Oregon apples were unloaded in the twenty-three principal markets, compared with 670 in 1942, 745 as the 1935-1939 average, and 951 as the 1930-1934 average. Over a period of time, New York City led in quantity of Oregon apples unloaded, but in 1942 and 1943 was exceeded by Los Angeles. Chicago was second in importance in 1943, followed by New York City, San Francisco, and Boston, all of which received more than 30 cars.

Table 3. CARLOT UNLOADS OF OREGON APPLES IN PRINCIPAL CITIES
1925-1943

Destination	Average 1925- 1929	Average 1930- 1934	Average 1935- 1939	Year 1940	Year 1941	Year 1942	Year 1943
	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
Los Angeles, Cal.	138.6	108.6	58.4	73	94	145	209
Chicago, Illinois	115.4	45.4	107.0	79	108	86	134
New York, N. Y.	649.6	227.4	194.2	237	154	136	111
San Francisco, Cal.	174.4	134.4	118.0	191	173	117	99
Boston, Mass.	13.4	11.2	31.8	37	51	37	34
Portland, Oregon	286.8	195.8	91.4	8	3	4	16
Dallas, Texas	18.6	14.2	13.2	24	28	23	14
Kansas City, Mo.	60.6	63.8	20.0	10	7	7	13
Cincinnati, Ohio	15.2	4.8	12.0	13	21	10	11
New Orleans, La.	7.4	8.0	10.6	15	12	6	10
St. Louis, Mo.	19.6	11.4	9.0	7	15	20	10
Denver, Colorado	18.8	17.4	13.8	20	53	10	9
Minneapolis, Minn.	7.8	9.2	6.8	6	9	6	9
Detroit, Mich.	50.6	22.0	4.4	14	5	13	8
Seattle, Wash.	12.6	2.0	4.0	4	7	13	5

Cherries. Cherry unloads during 1943 in twenty-three markets amounted to 271 cars, compared with 180 in 1942, 151 as the 1935-1939 average, and 216 as the 1930-1934 average. Portland, Oregon, New York City, and Chicago are the principal markets for Oregon carlot cherries. Table 4 shows principal cities at which Oregon cherries were unloaded from 1930 to 1943.

Table 4. CARLOT UNLOADS OF OREGON CHERRIES IN PRINCIPAL CITIES
1930-1943

Destination	Average 1930- 1934	Average 1935- 1939	Year 1940	Year 1941	Year 1942	Year 1943
	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
Portland, Oregon	43.4	48.4	45	83	54	117
New York City, N. Y.	83.8	37.4	56	31	28	40
Chicago, Illinois	43.0	22.8	50	35	25	40
Detroit, Michigan	2.2	3.2	17	7	13	26
Boston, Mass.	8.2	5.8	19	8	10	14
Baltimore, Md.	1.2	4.0	5	3	3	6
Minneapolis, Minn.	2.0	1.8	6	....	1	5
Philadelphia, Pa.	8.4	4.2	8	10	11	5
Cleveland, Ohio	5.2	2.2	12	3	6	4

Peaches. Peaches for carlot shipments are not of major importance in Oregon, although they are grown commercially in practically every district in the state. According to the available data, most of the Oregon peach carlot unloads in recent years have been at three markets—San Francisco, Chicago, and Portland (Oregon). Detroit, Michigan, unloaded four cars of Oregon peaches in 1943—the first Oregon peaches recorded at this market.

Table 5. CARLOT UNLOADS OF OREGON PEACHES IN PRINCIPAL CITIES
1925-1943

Destination	Average 1925- 1929	Average 1930- 1934	Average 1935- 1939	Year 1940	Year 1941	Year 1942	Year 1943
San Francisco, Cal.	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
Chicago, Illinois	2.8	2.2	8.4	10	18	19	12
Portland, Oregon	4.2	4.6	10.4	11	9	7	2
Los Angeles, Cal.	13.4	6.6	6.4	.....	5	4	.....
Detroit, Michigan .....	.....	.6	2.0	6	1	4	4

Pears. As has already been indicated, pears are the most important of the tree fruits for carlot shipment in Oregon. Carlot unload reports published by the Bureau of Agricultural Economics indicate that New York City is by far the most important market for Oregon pears. Out of the 2,851 carlot unloads of pears accounted for in 1942 (see Table 2), 1,292 cars (or nearly half) were unloaded on the New York market. In 1943, 819 cars, or approximately one-third of the total pear unloads from Oregon were unloaded at New York. See Table 6, which follows, for other important markets for Oregon pears, of which Chicago, Philadelphia, and Detroit rank high.

Table 6. CARLOT UNLOADS OF OREGON PEARS IN PRINCIPAL CITIES
1927-1943

Destination	Average 1927- 1929	Average 1930- 1934	Average 1935- 1939	Year 1940	Year 1941	Year 1942	Year 1943
New York City, N. Y.	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
Chicago, Ill.	1,705.0	1,211.2	1,135.6	1,400	1,050	1,292	819
Philadelphia, Pa.	312.3	278.0	226.8	326	244	309	505
Detroit, Mich.	151.7	128.0	157.0	257	301	326	247
Pittsburg, Pa.	106.0	43.4	62.6	104	102	94	170
Boston, Mass.	31.3	42.2	80.2	117	161	148	128
Los Angeles, Cal.	49.7	73.4	163.0	222	237	226	127
Cleveland, Ohio	8.0	6.6	20.6	67	46	84	85
New Orleans, La.	40.7	31.6	48.4	56	93	80	82
Washington, D. C.	36.7	26.8	32.4	44	28	47	54
Cincinnati, Ohio	31.3	24.6	33.0	36	36	36	41
Baltimore, Md.	3.0	6.0	10.4	25	42	31	39
Kansas City, Mo.	21.0	13.4	26.4	34	23	23	38
San Francisco, Cal.	36.7	53.6	16.0	22	12	21	27
St. Louis, Mo.	22.7	32.8	17.0	11	17	21	26
Atlanta, Ga.	3.3	20.0	22.8	29	25	26	24
Denver, Colorado	1.7	4.6	15.8	37	22	38	23
Portland, Oregon	2.0	2.4	12.4	27	8	18	7
.....	140.0	30.2	142.6	149	65	14	2

Prunes. Third most important of the tree fruits for carlot shipment in Oregon is fresh prunes. Unloads of this fruit in the twenty-three markets amounted to 488 cars in 1943, about the average of the unloads at these markets from 1930 to 1942. New York City is also the leading market for this important tree fruit, followed by Chicago, Detroit, and Philadelphia. (See Table 7.)

Table 7. CARLOT UNLOADS OF OREGON FRESH PRUNES IN PRINCIPAL CITIES
1927-1943

Destination	Average 1927- 1929	Average 1930-1934	Average 1935- 1939	Year 1940	Year 1941	Year 1942	Year 1943
	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
New York City, N. Y.	278.0	264.0	201.2	201	164	205	138
Chicago, Ill.	99.3	75.2	63.2	79	81	74	124
Detroit, Mich.	38.7	28.2	23.6	29	21	40	40
Philadelphia, Pa.	40.3	39.8	31.0	47	48	30	29
Cleveland, Ohio	31.3	17.0	18.4	34	15	10	26
Cincinnati, Ohio	10.7	17.6	19.6	20	20	32	24
Pittsburg, Pa.	25.7	16.2	15.6	39	40	29	22
St. Louis, Mo.	13.7	10.4	13.4	24	22	17	19
Kansas City, Mo.	14.3	12.6	8.8	13	4	9	19
Boston, Mass.	15.3	14.8	17.6	14	21	22	18

Mixed tree fruits. In addition to the foregoing "straight" cars, some cars of mixed fruit are unloaded each year.

Table 8. CARLOT UNLOADS OF MIXED TREE FRUITS FROM OREGON IN PRINCIPAL CITIES
1930-1943

Destination	Average 1930- 1934	Average 1935- 1939	Year 1940	Year 1941	Year 1942	Year 1943
	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
Los Angeles, Cal. ....	.3	....	....	....	4	14
New York City, N. Y.	1.8	4.8	7	4	8	2
San Francisco, Cal. ....	.3	.2	....	2	2	2
Chicago, Illinois ....	.5	1.6	6	6	1	2
St. Louis, Missouri ....	....	.2	....	....	1	....

Miscellaneous tree fruits. Two other tree fruits on which we have records are apricots and crabapples. Portland, Oregon, is the principal carlot market for Oregon apricots. In 1942, one car of Oregon crabapples, the first of record, was unloaded at Los Angeles.