



Grape PDI Training Materials

Below you will find links to a video, PowerPoint presentation, survey information sheet, and practice interviews for NASS's February Grape Production and Disposition Inquiry. The practice interviews can be used to enter data into the data collection instrument to get familiar with the functionality of that system.

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Enumerator Training

Grape Production and Disposition Inquiry

February

(GRAPE PDI)



**United States Department of Agriculture
National Agricultural Statistics Service**

Workforce Performance and Staff Development Section



Survey Overview

- Only conducted for New York, Oregon, and Washington
- Final marketing and price info asked in February because:
 - Grapes can be placed in cold storage and marketed months after harvest
 - Some prices that growers receive are not finalized until after the entire crop has been marketed



Survey Overview

- Collects information on final crop year production (previous year), utilization, and prices
 - Acreage
 - Total production
 - Fresh market and processing sales and prices
 - Other end uses



Survey Information

- Project Code: **134-Non-Citrus Fruit Survey**
- Questionnaires:
 - Mail out around January 20
 - Web reporting option available
- Release:
 - *Non-Citrus Fruits and Nuts – Annual*
 - Early May at 3 pm EST

NASS website: www.nass.usda.gov/



Types and Varieties

- “**Type**” of grapes refers to certain “**varieties**” of grapes, not how the grapes are utilized
 - For example: Juice type grapes have certain properties that make them very suitable for producing juice to drink but could also be used to make raisins, wine, or to eat fresh
 - If they are a “juice type” variety they should be reported under “juice type” even if they were used for some other purpose



Some Varieties

- Juice type varieties:
 - Concord, Catawba, Niagra, Delaware, Dutchess, Fredonia, Alwood, Beta, Bluebell
- Wine type varieties:
 - Cabernet Franc, Cabernet Sauvignon, Carmenere, Chardonnay, Gewurztraminer, Grenache, Malbec, Merlot, Muscat Ottonel, Nebbiolo, Pinotage, Pinot Grigio/Gris, Pinot Noir, Riesling, Sauvignon Blanc, Semillon, Shiraz/Syrah, Tempranillo, Viognier, Zinfandel



Grape Bearing Acreage, Yield, Production, Price, and Value – States and United States: 2022-2024

State and type	Bearing acreage			Yield per acre		
	2022	2023	2024	2022	2023	2024
	(acres)	(acres)	(acres)	(tons)	(tons)	(tons)
California	828,000	820,000	793,000	6.70	6.78	6.15
Raisin	133,000	130,000	128,000	7.74	7.15	7.89
Table	120,000	120,000	115,000	9.33	7.83	8.52
Wine	575,000	570,000	550,000	5.91	6.47	5.25
New York ¹	(NA)	(NA)	33,000	(NA)	(NA)	4.12
Oregon ¹	(NA)	(NA)	27,000	(NA)	(NA)	3.14
Washington	71,000	71,000	70,000	5.81	4.78	4.33
Juice	17,000	17,000	17,000	10.10	10.60	8.90
Wine	54,000	54,000	53,000	4.46	2.95	2.86
United States	899,000	891,000	923,000	6.63	6.62	5.85

State and type	Price per ton			Value of utilized production		
	2022	2023	2024	2022	2023	2024
	(dollars)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
California	1,010.00	1,170.00	1,160.00	5,601,237	6,524,408	5,643,714
Raisin ²	382.00	387.00	451.00	393,314	359,908	455,464
Table ²	1,370.00	1,850.00	1,760.00	1,535,923	1,736,500	1,720,250
Wine	1,080.00	1,200.00	1,200.00	3,672,000	4,428,000	3,468,000
New York ¹	(NA)	(NA)	466.00	(NA)	(NA)	62,972
Oregon ¹	(NA)	(NA)	2,370.00	(NA)	(NA)	199,364
Washington	959.00	911.00	940.00	394,865	309,299	284,394
Juice	380.00	355.00	262.00	65,037	63,900	39,693
Wine	1,370.00	1,540.00	1,620.00	329,828	245,399	244,701
United States	1,010.00	1,160.00	1,150.00	5,996,102	6,833,707	6,190,444

(NA) Not available.

¹ Estimates began in 2024.

² Fresh equivalent of dried and not dried weight.



Screening

- Any grape acres (previous year)?
 - If “**NO**”, Has the operation been sold, rented, or turned over to someone else?
 - If “**NO**”, Will the land be used for any agricultural purposes....
 - IF “**YES**”, “**DK**”, or “**NO**”, How many total acres of fruit, citrus, grape, and nut crops were on this operation?



Screening, cont.

- May not have grapes but could still be in business.
- Leave good notes if the operation is completely out of business (no agricultural activity)
 - What happened? New operator? Any other info?
 - Carefully go through the screening questions



Survey Questions

- Acres during previous year:
 - Total acres
 - Of these, how many were of *bearing* age?
 - Even if limited or no production
- Notes:
 - For New York and Oregon, we ask for data for all grape varieties to be combined.
 - For Washington, we break things down and ask for acres, production, and sales data for juice type grapes and wine type grapes to be reported separately.



Survey Questions

- Total quantity harvested
 - Include grapes harvested and not used
 - Utilization questions **must** sum back to quantity harvested
 - If respondent can only provide yield per acre leave this in a note or calculate total harvested



Survey Questions (2)

- Quantity sold and prices/total received for:
 - Fresh market
 - Direct sales to consumers
 - Wholesale sales
 - Includes bulk sales to packers, grower packed sales, etc.
 - Processed
 - Commercial processing (exclude fresh packed)
 - Processed by this operation (exclude home use)
 - Made into jelly, juice, etc.
 - Only looking for amount of grapes used
 - Price not asked



Survey Questions (3)

- Harvested but not sold
 - And won't be sold
- Total acres of all fruit, citrus, grape, berry and nut crops
- Any comments about the grape crop



Things to Watch Out For

- Harvested acres cannot be greater than total acres
- Harvested acres reported but no production
- No harvested acres but production reported
- Yield seems high or low
 - Total production / harvested acres
- High or low sales price
- Sum of disposition must equal total production



Conclusion

- Referring to previous year production
 - And disposition
- Watch the decimal points: prices, acres
- Please leave plenty of notes explaining anything you think the statisticians may need to know.
- Have a “GrrrrrrAPE” survey!



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February Grape PDI Extra Information

Overview:

Project code: 134 – Non-Citrus Fruit Survey

- Mails out around January 20 each year

Data Release: “Non-Citrus Fruits and Nuts - Annual” – early May

Reference Period: Contacting them in February for previous year’s crop

Purpose: To collect acreage, production, and sales data for grape crops. Collecting this data provides the industry with a reliable source of information, and growers can use this data to help make informed decisions for their operations.

Only conducted in New York, Oregon, and Washington

NASS waits several months after harvest is complete to collect final marketing and price information because grapes can be placed in cold storage and marketed and priced at a later date.



Screening:

Did this operation have any grape acres?

- If NO, “How many total acres of fruit, citrus, grape, berry, and nut crops were on the operation?”

If the operation is completely out of business please leave notes as to what happened to the operation, new operator contact information, etc. This information is needed to update our records.

Survey Questions:

We ask for the total acres of grapes on the operation for all varieties and types.

Then, of these total acres, how many were of bearing age?

- Whether they produced a crop that year or not.
 - May not have produced a crop due to freeze damage, disease, drought, etc.
- All types of grapes are combined in NY and OR.
- In WA, grape acres and production are broken out between juice type and then wine type. We ask for total acres, bearing age acres, and then production and sales for each of these types.



- We ask for quantity harvested and sales data of the grapes.
- A wide variety of units can be reported for quantities harvested and quantities sold. We then need the weight of the unit reported so we can calculate total production and price per pound.
 - For example: an operator may report that he harvested 2000 crates of grapes. We then need to know how much one of those crates weighed so we can calculate his total production.
- Then he may say he sold 5,000 boxes of grapes for \$8 per box. We need the weight of one of those boxes so we can calculate the price per pound.
- If any grapes would happen to still be in storage, the operator should estimate how he intends to sell those grapes and include them in that category (fresh or processing) along with the price he expects to get.
- The “harvested but not sold” category is referring to any grapes that will **not** be sold due to poor quality, marketing restrictions, etc.
- We need to account for all grapes harvested, so the sum of all sold plus used to make processed items plus harvested that will not be sold must equal the total harvested.
- Also, record any comments the producer has about the grape crop.

Some things to keep in mind:

- Looking for acres production, and prices from the previous crop year
 - Not what they expect to get for the upcoming crop
- Watch your decimal points on acres, weight per unit, and prices
- There could be a wide variety of yields and prices across your area
- Please leave plenty of notes explaining anything you think the statisticians may need to know

February Grape PDI Practice Interviews

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These are generic practices to familiarize you with the data collection instrument. Units, pounds per unit, prices, yields, etc. are for illustrative/example purposes only.

Exercise 1 (New York or Oregon example)

You are speaking with the spouse (**Sherri Farmer**)

Name and address information are **correct**

Any grape acres in 20XX? **Yes**

How many total acres of grapes during 20XX? **55.0**

Of the 55.0 acres of grapes, how many were bearing age during 20XX? **50.0**

What was the quantity of grapes harvested during 20XX? **4000 pounds per acre**

Did this operation have any grapes that were sold or to be sold for fresh market? **No**



Did this operation have any processed grapes? **Yes**

Sold for commercial processing? **97 tons**

Did you receive an average price or total dollars for grapes sold for commercial processing? **Total dollars**

Total dollars received? **\$26,675**

Processed by this operation? **0 pounds**

Did this operation have any grapes that were harvested but not sold?

Yes

Harvested but not sold? **6,000 pounds**

Total acres of fruit, citrus, grape, berry, and nut crops on this operation in 20XX? **80.0**

Comments about the 20XX grape crop. **Minor insect damage.**



Exercise 2 (Washington example)

You are speaking with the **operator**

Name and address information are **correct**

Any grape acres in 20XX? **Yes**

How many total acres of grapes were on this operation during 20XX? **25.0**

Of the total acres of grapes, how many were of bearing age? **21.0**

Did this operation have any **juice type grape** acres in 20XX? **Yes**

How many total acres of juice type grapes were on this operation in 20XX? **25.0**

Of the total acres of juice type grapes, how many were of bearing age during 20XX?
21.0

Quantity of juice type grapes harvested for all purposes during 20XX? **5000 bins**

How many pounds are in one bin? **56**



Quantity sold or to be sold for fresh market as:

Direct sales to consumers? **1000 bags**

How many pounds does each bag weigh? **2**

Did you receive an average price or total dollars from direct sales to consumers? **Average Price**

What was the average price received? **\$2.00 per bag**

Wholesale sales? **100000 pounds**

Did you receive an average price or total dollars from direct sales to consumers? **Average Price**

What was the average price received? **\$0.20 per pound**

What quantity was sold or to be sold for commercial processing? **128 boxes**

How many pounds does each box weigh? **700**

Did you receive an average price or total dollars for grapes sold for commercial processing? **Total dollars**

Total dollars received? **\$8960**

Processed by this operation? **84400 pounds**



Did this operation have any **juice type grapes** that were harvested but not sold? **Yes**
Harvested but not sold? **2 tons**

Did this operation have any **wine type grape** acres in 20XX? **No**

Total acres of fruit, citrus, grape, berry, and nut crops on this operation in 20XX? **25.0**

Comments about the 20XX grape crop. **We had some disease issues and a small amount of frost damage.**

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Exercise 3 (any state)

You are speaking with the **son (other) Ben Farmer**

Name and address information are **correct**

Any grape acres in 20XX? **No**

Has this operation been sold, rented, or turned over to someone else? **No**

Will the land be used for any agricultural purposes by you or anyone else in the next year? **Yes (will still be raising cattle and cutting hay)**

How many total acres of fruit, citrus, grape, berry, and nut crops were on this operation in 20XX? **0**

Will this operation have any of the following fruit, citrus, grape, berry, or tree nut crops in the future? **None of those**

Would you like to share any comments on the 20XX grape crop in your locality? **None to report**

Do you make the day-to-day decisions for another farm or ranch? **No**

