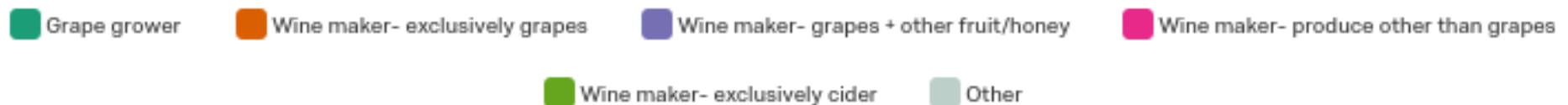
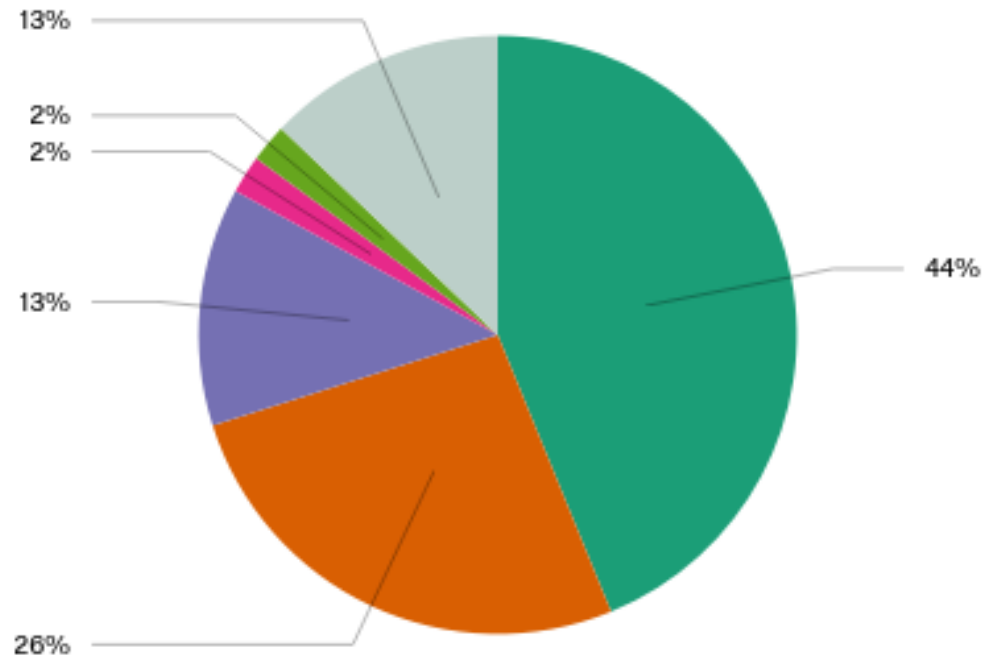


2019 Colorado Viticulture Survey | Results

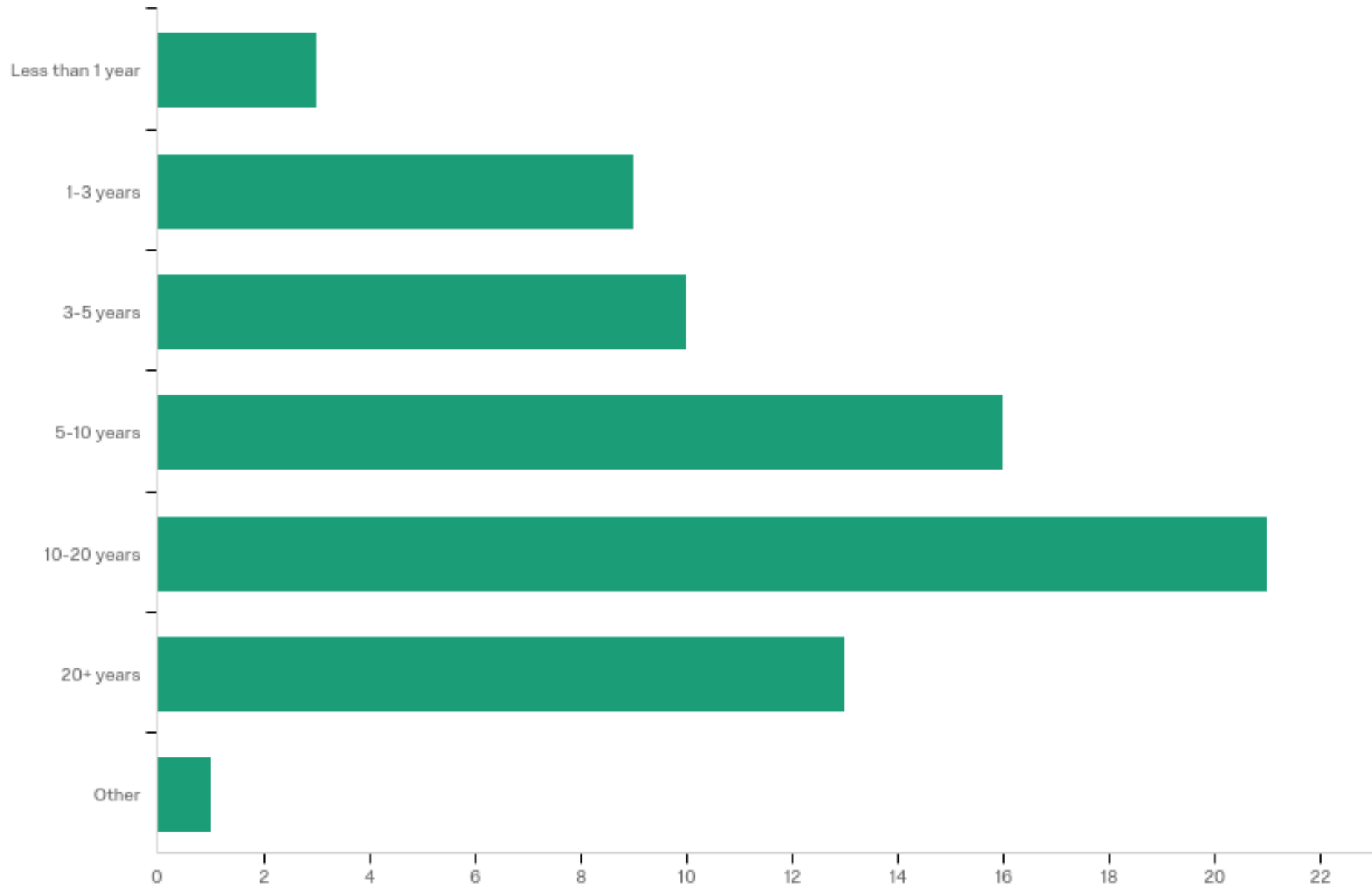
Q1 - What is your role within the Colorado wine and/or grape growing industry? Please select all that apply.



Q1 - What is your role within the Colorado wine and/or grape growing industry? Please select all that apply.

#	Answer	%	Count
1	Grape grower	37.95%	85
2	Wine maker- exclusively grapes	22.77%	51
3	Wine maker- grapes + other fruit/honey	11.16%	25
4	Wine maker- produce other than grapes	1.79%	4
5	Wine maker- exclusively cider	1.79%	4
6	Wine maker- exclusively mead	0.00%	0
7	Supplier	1.79%	4
8	Consumer	11.61%	26
9	Other	11.16%	25
	Total	100%	224

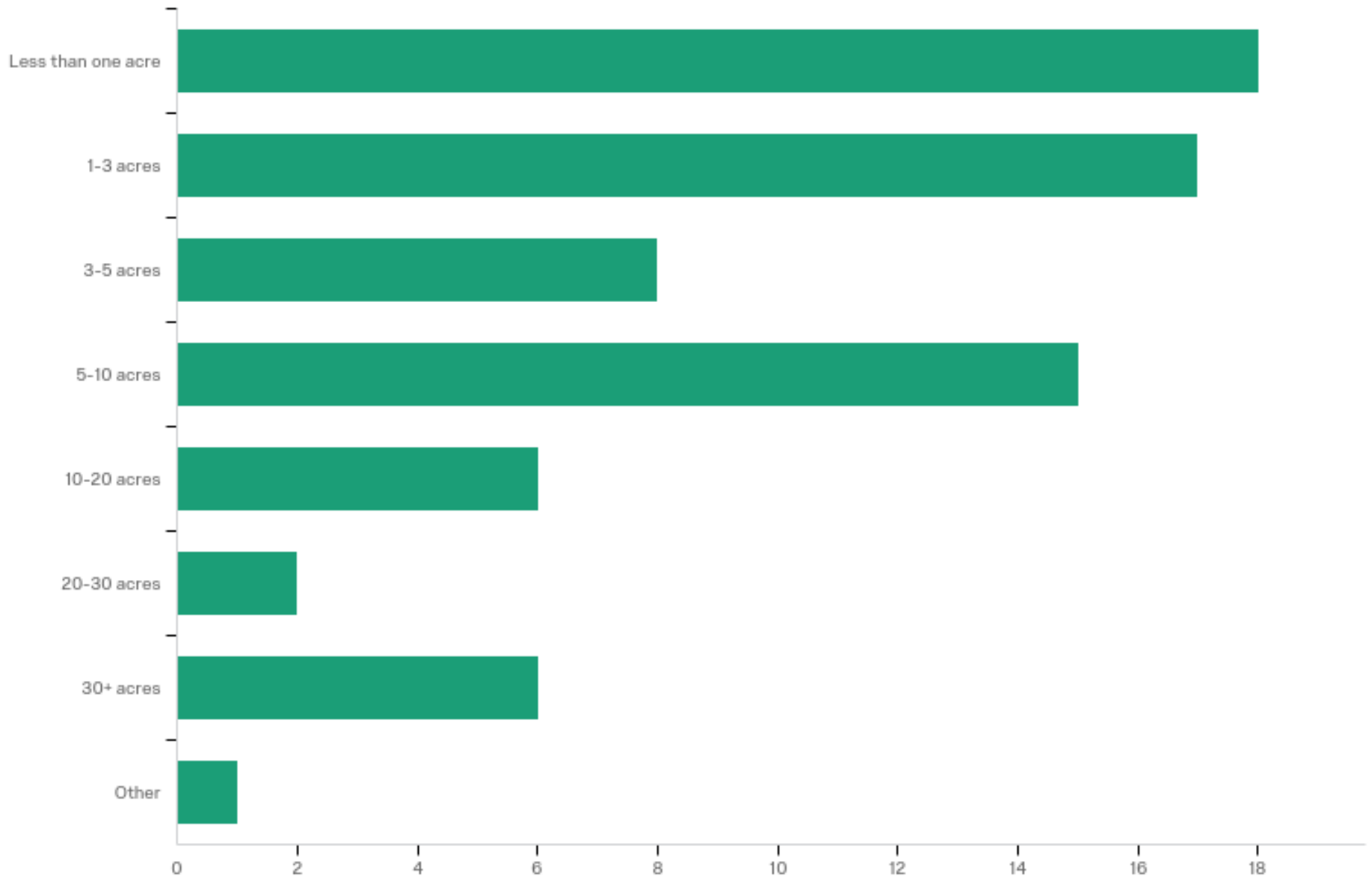
Q2 - How many years have you been growing grapes in Colorado?



Q2 - How many years have you been growing grapes in Colorado?

#	Answer	%	Count
1	Less than 1 year	4.11%	3
2	1-3 years	12.33%	9
3	3-5 years	13.70%	10
4	5-10 years	21.92%	16
5	10-20 years	28.77%	21
6	20+ years	17.81%	13
7	Other	1.37%	1
	Total	100%	73

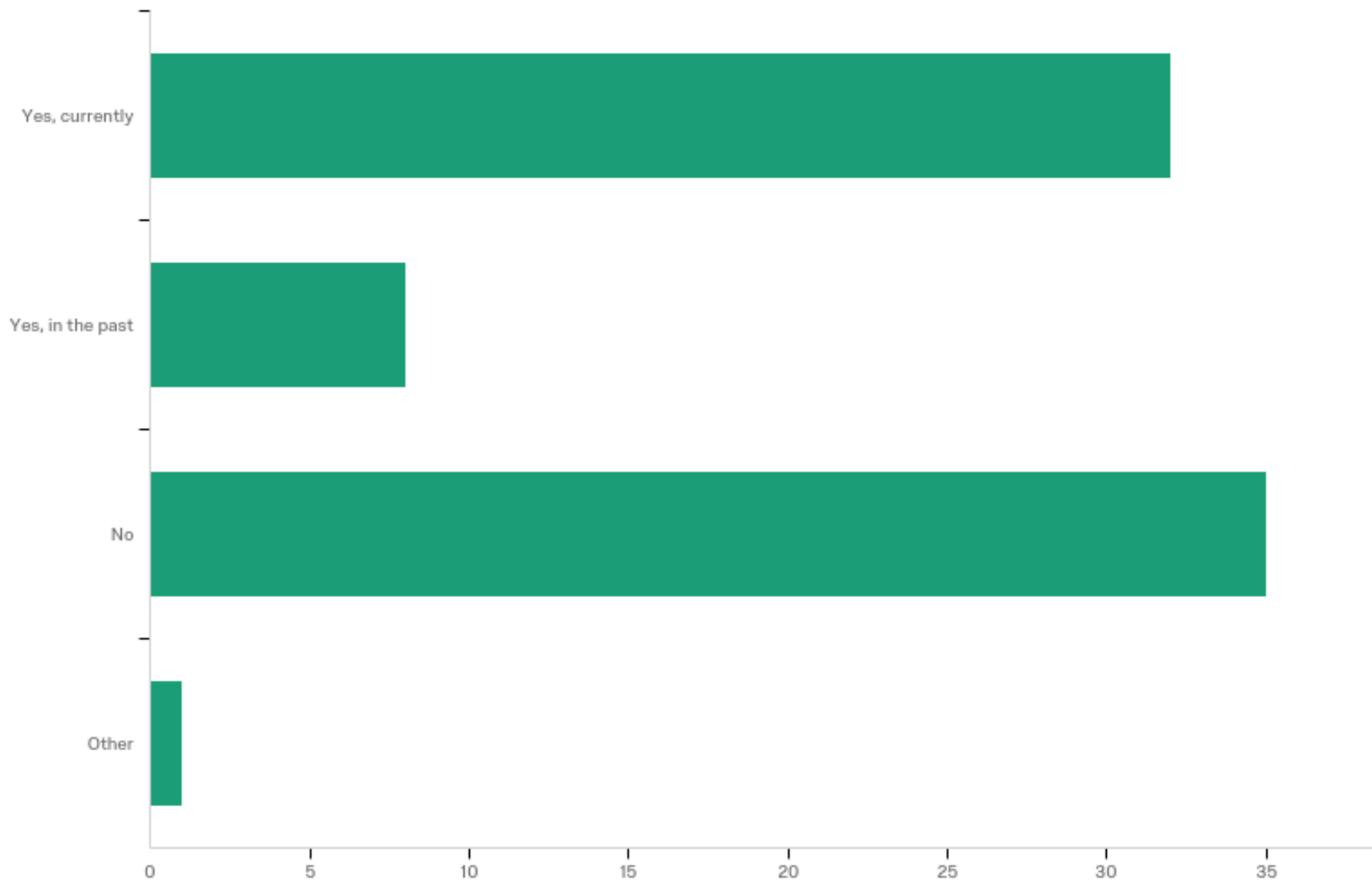
Q3 - How many acres of grapes do you farm/lease/manage?



Q3 - How many acres of grapes do you farm/lease/manage?

#	Answer	%	Count
1	Less than one acre	24.66%	18
2	1-3 acres	23.29%	17
3	3-5 acres	10.96%	8
4	5-10 acres	20.55%	15
8	10-20 acres	8.22%	6
5	20-30 acres	2.74%	2
6	30+ acres	8.22%	6
7	Other	1.37%	1
	Total	100%	73

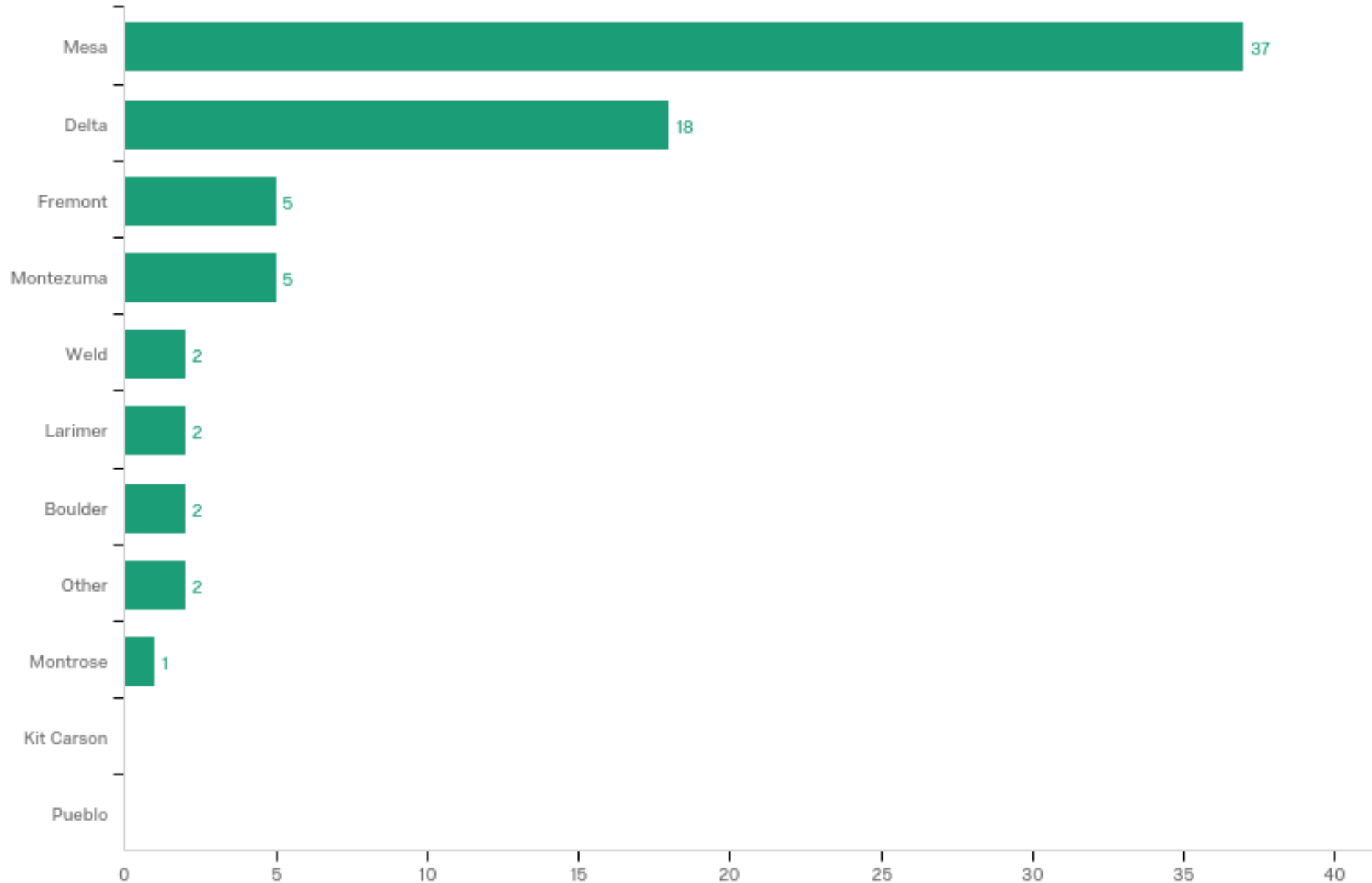
Q4 - Do you grow crops other than grapes? Please list here. Please include crops you have grown in the past.



Q4 - Do you grow crops other than grapes? Please list here. Please include crops you have grown in the past.

#	Answer	%	Count
1	Yes, currently	42.11%	32
2	Yes, in the past	10.53%	8
3	No	46.05%	35
4	Other	1.32%	1
	Total	100%	76

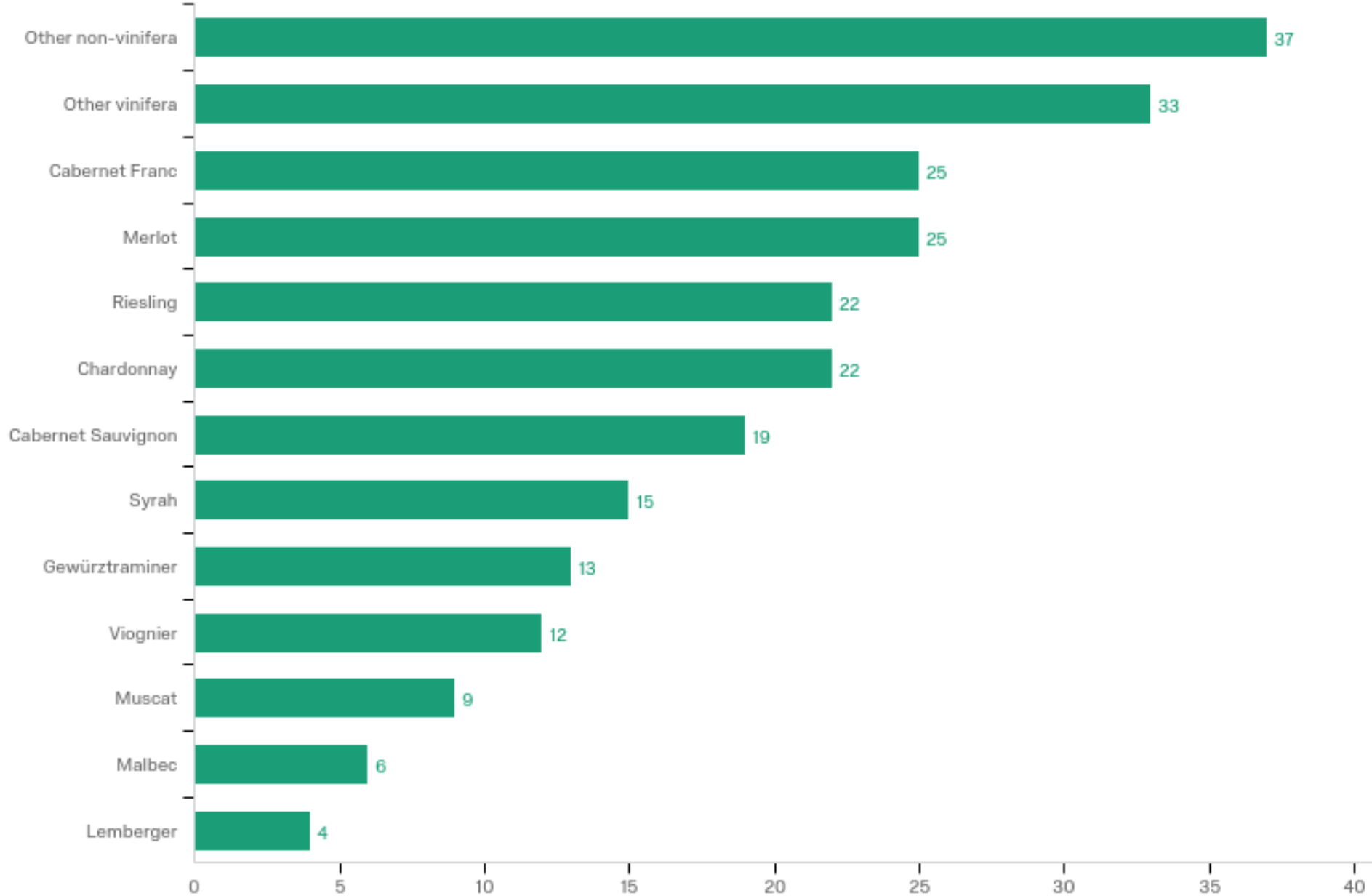
Q5 - What county do you grow grapes in? Please select all that apply.



Q5 - What county do you grow grapes in? Please select all that apply.

#	Answer	%	Count
1	Mesa	50.00%	37
2	Delta	24.32%	18
3	Montrose	1.35%	1
4	Fremont	6.76%	5
5	Montezuma	6.76%	5
6	Kit Carson	0.00%	0
7	Weld	2.70%	2
8	Pueblo	0.00%	0
9	Larimer	2.70%	2
10	Boulder	2.70%	2
11	Other	2.70%	2
	Total	100%	74

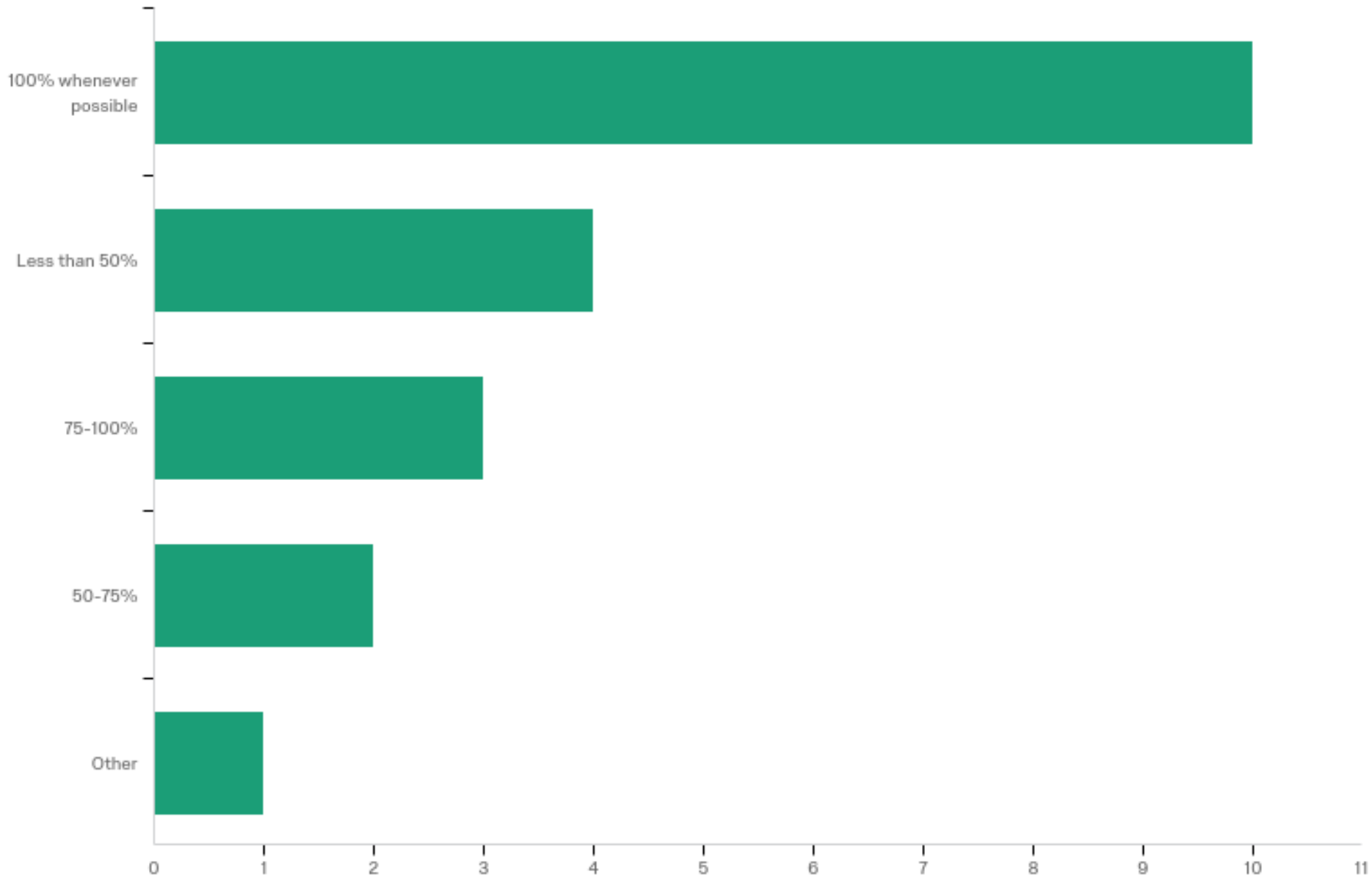
Q6 - Which varieties do you grow? Please indicate approximately how many acres of each.



Q6 - Which varieties do you grow? Please indicate approximately how many acres of each.

#	Answer	%	Count
1	Cabernet Franc	10.33%	25
2	Cabernet Sauvignon	7.85%	19
3	Malbec	2.48%	6
4	Merlot	10.33%	25
5	Syrah	6.20%	15
7	Lemberger	1.65%	4
8	Riesling	9.09%	22
9	Chardonnay	9.09%	22
10	Gewürztraminer	5.37%	13
11	Viognier	4.96%	12
12	Muscat	3.72%	9
13	Other vinifera	13.64%	33
14	Other non-vinifera	15.29%	37
	Total	100%	242

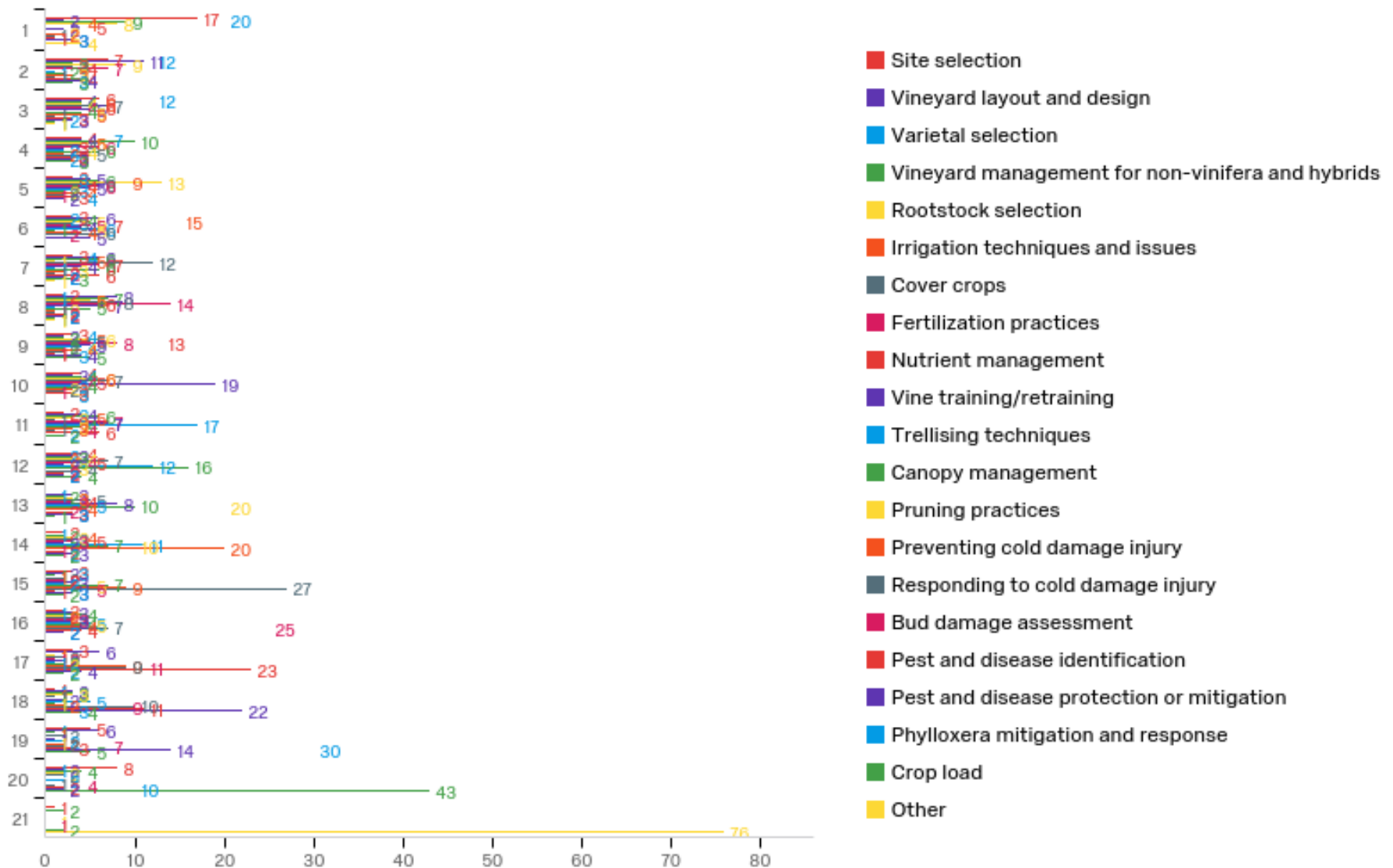
Q7 - What percentage of grapes/fruit/agricultural produce that you use to make wine comes from Colorado growers?



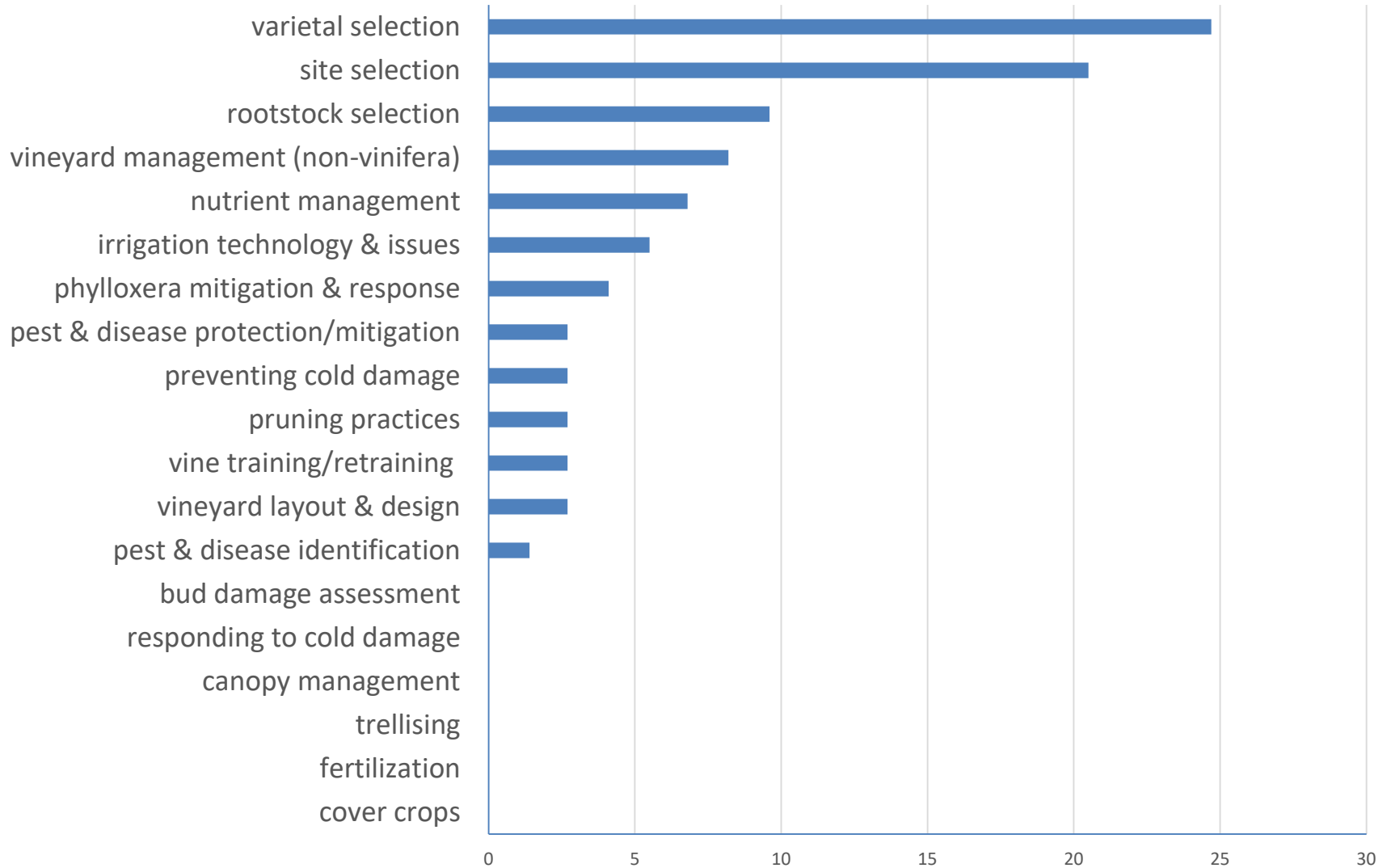
Q7 - What percentage of grapes/fruit/agricultural produce that you use to make wine comes from Colorado growers?

#	Answer	%	Count
1	Less than 50%	20.00%	4
2	50-75%	10.00%	2
3	75-100%	15.00%	3
4	100% whenever possible	50.00%	10
5	Other	5.00%	1
	Total	100%	20

Q8 - Of the options below, please rank the topics of greatest interest and/or potential benefit to you.



Proportion of topics ranked #1



Q9 - What is the biggest challenge you face as a grape grower in Colorado?

What is the biggest challenge you face as a grape grower in Colorado?

Grape disease control

Spring freeze, selling our wines to the Colorado resident in liquor stores, restaurants and wine bars. Coloradians still believe Colorado wines are not worth it and won't buy them.

Mother Nature

The shorter growing season.

Finding sustainable markets for current surplus of vinifera and especially cold hardy varieties

selling the grapes because of use of bulk wine and grape purchases from other states, plus labor shortage

eutypa dieback

Birds and other animals

Choosing best hybrid selection

While I was a grower as well as consulting, I always looked at site selection, and the grape stock nursery sources first. Climate will always be a challenge in CO, so the site best reflects survival potential, and the choice of vinifera or hybrids specific for the site. The ever changing choices available to growers are impacted by the market place ever changing appetite. It is a tremendous balancing act.

Q9 - What is the biggest challenge you face as a grape grower in Colorado?

What is the biggest challenge you face as a grape grower in Colorado?

4 Years ago I would say Cold Injury, now, Grape Sales

Being new.

Marketing (buyers), Labor.

Matching production with demand

Cold

Weather - Winter Freezing Vinifera & Phylloxera Threat

weather

Finding a buyer for my grapes.

getting more farmers to grow grapes so that a critical mass will occur

We are not even a pimple on the butt of California, Oregon, Washington, MICHIGAN, VIRGINIA!

4 Years ago I would say Cold Injury, now, Grape Sales

Weather in general, late freezes in particular

wildlife pressure and damage.

Selling grapes

Q9 - What is the biggest challenge you face as a grape grower in Colorado?

What is the biggest challenge you face as a grape grower in Colorado?
Labor
Irrigation installation
winter kill
drinking all the wine
weather
Spring Freezes
Labor
cold weather damage and eventually phylloxera
deer
Phylloxera
Pests and weather/climate
phylloxera
Poor labs at CSU facility, having to mail to Scott labs or ETS for more accuracy. Open hours of labs highly inconvenient during peak harvest time and winemaking process. CSU Lab results consistently far off from labs sent to other facilities.

Q9 - What is the biggest challenge you face as a grape grower in Colorado?

What is the biggest challenge you face as a grape grower in Colorado?

Winter kill/ Summer storms ie too much rain/hail

winter

selling grapes

exiting the business after 33 years

Birds invading the vineyard when the grapes mature.

Cold injury, varietal selection and more recently rootstock selection

maintaining high quality fruit and ensuring buyers understand my goal as a grower

Getting winerys to purchase via contracts, and getting paid a fair price, and getting paid in a timely manner.

Damage control, ie... weather, predators, freeze issues...etc

Finding a consistent market for my product

Our ph is very high. We can't find a supplier that has a rootstock they believe will thrive here. Also elm trees in the vineyard. Seedlings keep popping up right with vines and we are unsure how to eradicate them without harming grapevines.

Q9 - What is the biggest challenge you face as a grape grower in Colorado?

What is the biggest challenge you face as a grape grower in Colorado?
Sales
Weather and lack of information on colorado grapes
processing
labor
Selling the grapes at a fair price
Weather
We have been producing more grapes than the market can absorb from 2015 to current creating weak markets and abandoned fruit. From 2011-2014 we were losing enough to winter kill that production viability was strongly in question.
sale of crop with adequate price
hail and frost damage
Labor

Q9 - What is the biggest challenge you face as a grape grower in Colorado?

What is the biggest challenge you face as a grape grower in Colorado?

cold

It is Colorado, and we need to be realistic about this. I believe that even if we all had the best practices our fruit (grapes) will not be great!

Phylloxera and frost damage

Weather extremes in Spring and Fall

Hail

Markets and sales

What has been a virtual lack of respect from CSU for the North Fork Valley, the knowledge CSU could be receiving from that area regarding experimental vineyards and of course the total reversal of phylloxera mitigation practices that was put forth years ago that has led to a wide spread problem, not only here but also in the Grand Valley.

Transitioning the grapes I produce into wine. Colorado's Liquor Enforcement Division requirements and regulations to start a small boutique winery are excessively onerous and costly.

Cold injury

Weather

Marketing

Q10 - What is the biggest challenge you face as a winemaker in Colorado?

What is the biggest challenge you face as a winemaker in Colorado?
initial cost, knowing the right grape to plant, growing techniques and management
Quality of the grape/brix
swings in supply/demand of Colorado grapes
A lack of Biodynamic and Ecosystem Based Farming.
Low demand for wine made from Colorado grapes
Lack of industry infrastructure i.e bottling lines, filter companies etc.
Marketing
I am a cidemaker. The biggest challenge we have in ordering from Colorado growers is mostly the consistent availability and quantity of the apple juice we need.
Freeze damage lost of fruits
Finding grape growers that are willing to work with and sell grapes to me
grape quality, nutrient levels, crop load

Q10 - What is the biggest challenge you face as a winemaker in Colorado?

What is the biggest challenge you face as a winemaker in Colorado?

Getting people to take us seriously

Sourcing cider apples locally.

knowing the right time to harvest

Wine grape availability after severe winters

Getting customers & recognition for our higher end products

Quality

Getting good quality grapes of the varieties that we are looking for.

Inability to grow in my area

consistent high quality fruit

Rising Prices

Public perception that CO wine is inferior to wines from other states

Q11 - Please indicate how you feel about the following on a scale of 0-10 (low: 0 high: 10)

The potential quality of the wines made in Colorado

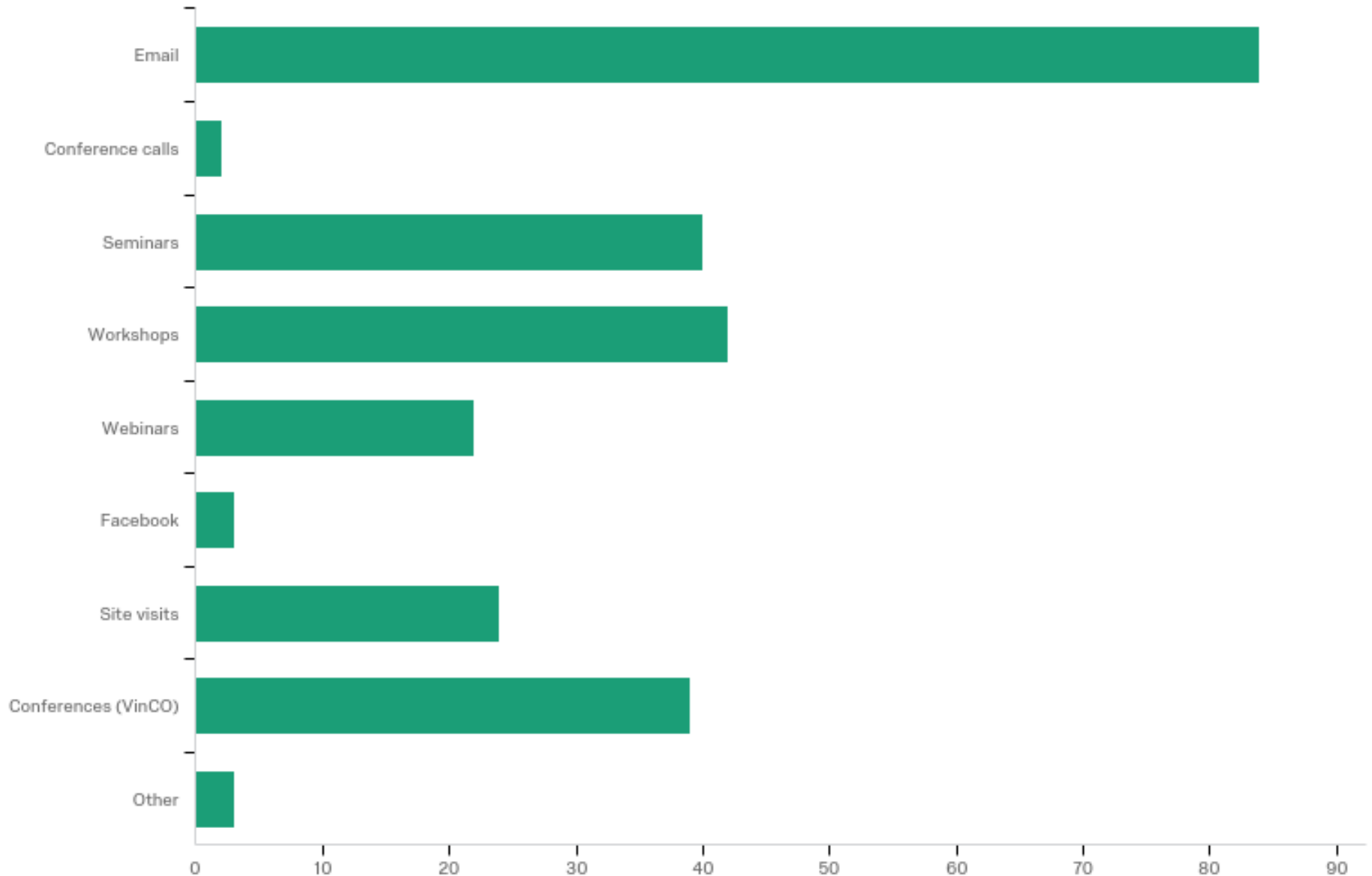


Optimism about the future success, growth and profitability of the Colorado wine and grape-growing industry



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	The potential quality of the wines made in Colorado	3.00	10.00	8.02	1.66	2.76	97
2	Optimism about the future success, growth and profitability of the Colorado wine and grape-growing industry	0.00	10.00	7.01	2.43	5.93	97

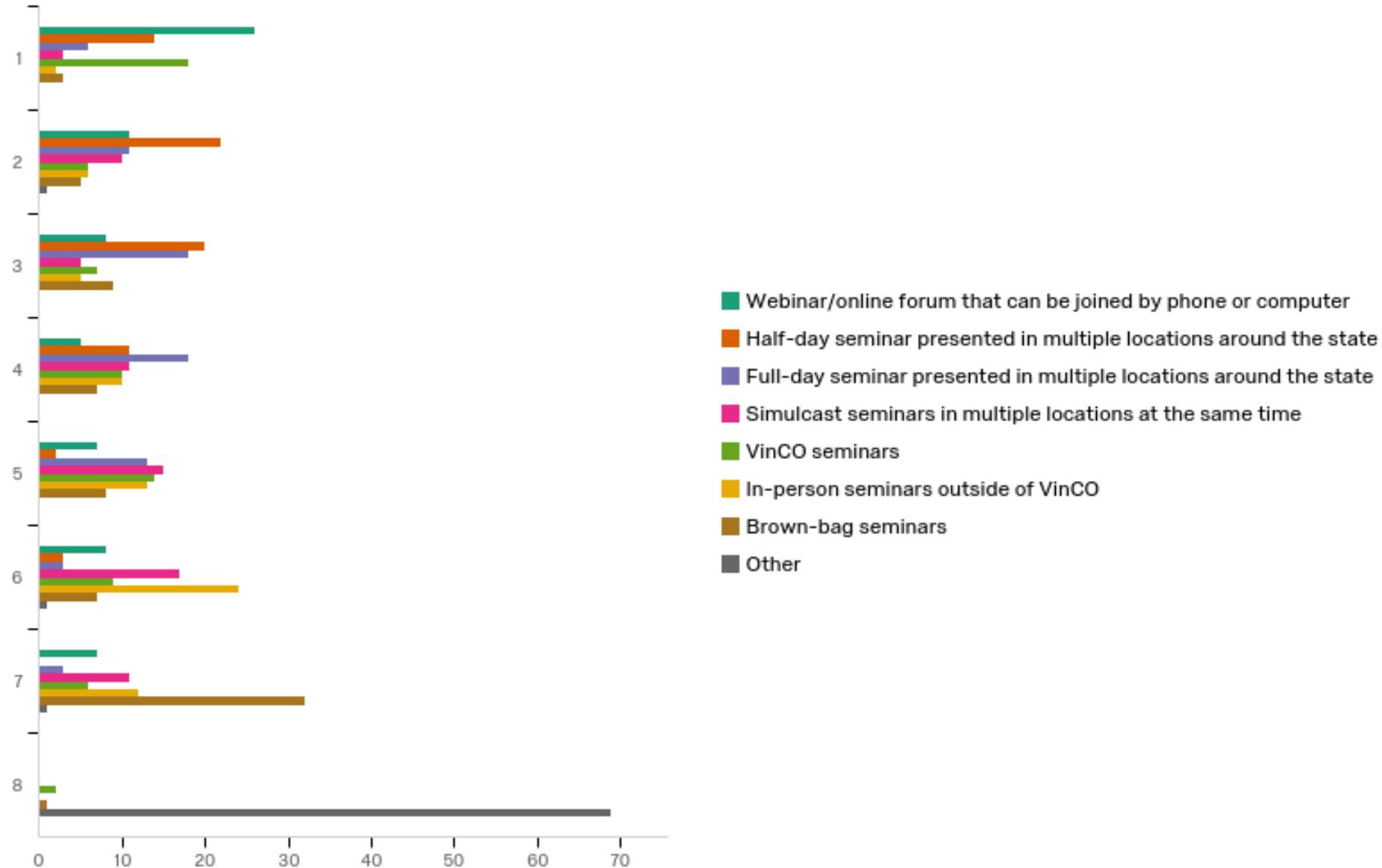
Q12 - What is your preferred method of receiving information on grape growing in Colorado (upcoming seminars, workshops, conferences, research updates, etc.)?



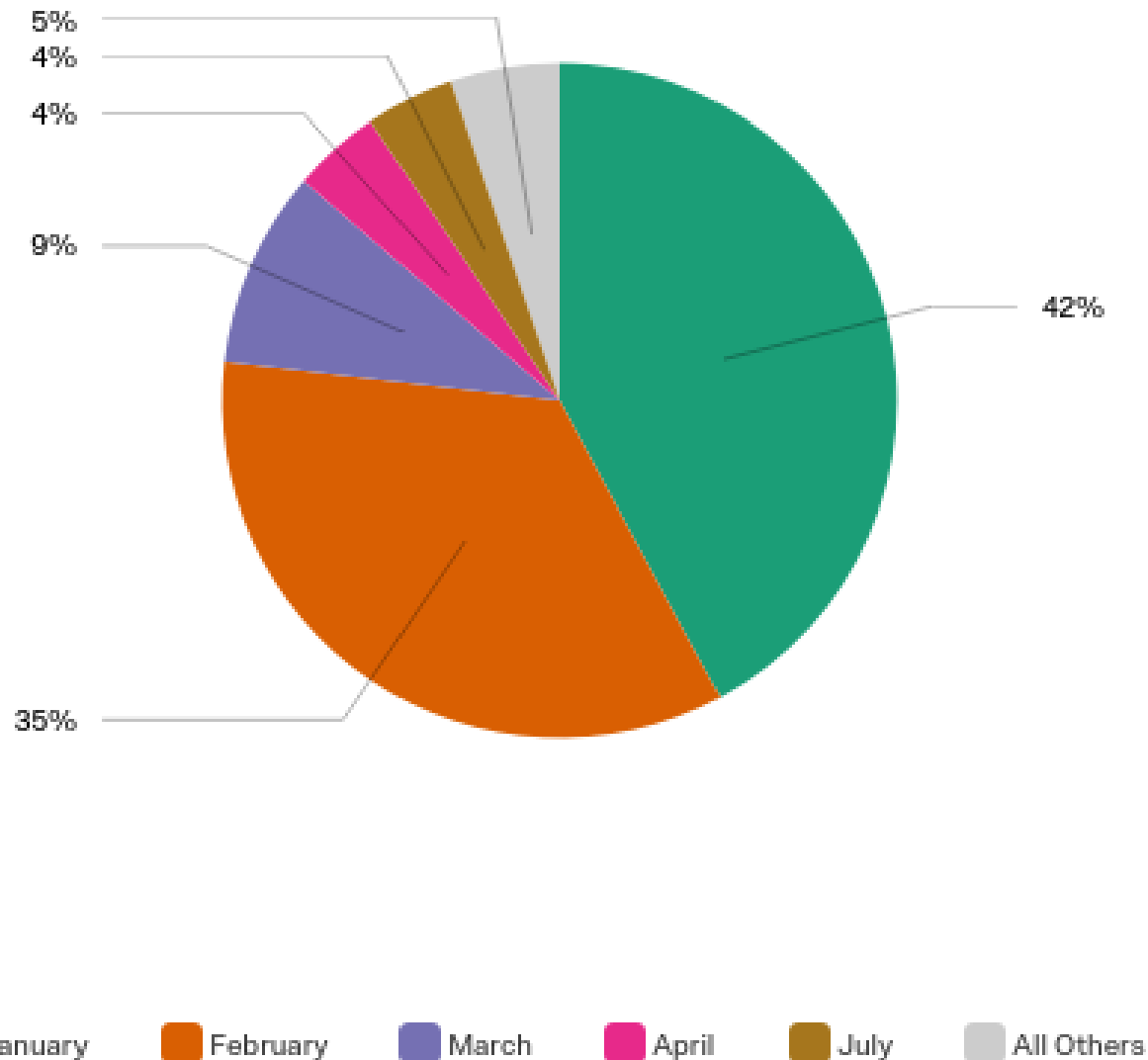
Q12 - What is your preferred method of receiving information on grape growing in Colorado (upcoming seminars, workshops, conferences, research updates, etc.)?

#	Answer	%	Count
1	Email	32.43%	84
2	Conference calls	0.77%	2
3	Seminars	15.44%	40
4	Workshops	16.22%	42
5	Webinars	8.49%	22
6	Facebook	1.16%	3
7	Site visits	9.27%	24
8	Conferences (VinCO)	15.06%	39
9	Other	1.16%	3
	Total	100%	259

Q13 - Please rank the following seminar formats in order of those you would be most likely to attend (1) to those you would be least likely to attend (8).



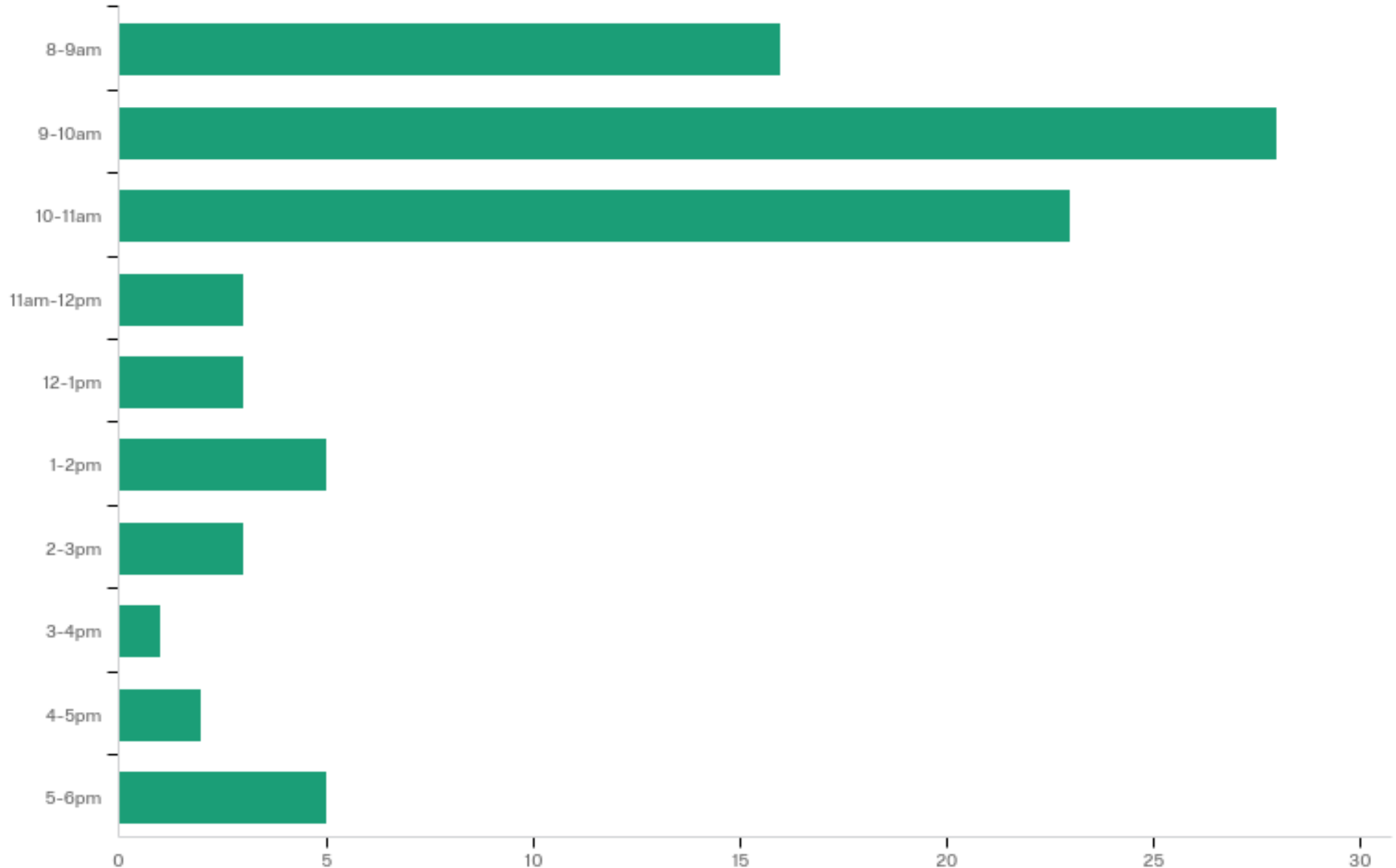
Q14 - What time of year would you be most likely to participate (in-person, online, via phone, etc.) in educational seminars/presentations/workshops?



Q14 - What time of year would you be most likely to participate (in-person, online, via phone, etc.) in educational seminars/presentations/workshops?

#	Answer	%	Count
1	January	42.11%	40
2	February	34.74%	33
3	March	9.47%	9
4	April	4.21%	4
5	May	1.05%	1
6	June	2.11%	2
7	July	4.21%	4
8	August	1.05%	1
9	September	0.00%	0
10	October	1.05%	1
11	November	0.00%	0
12	December	0.00%	0
	Total	100%	95

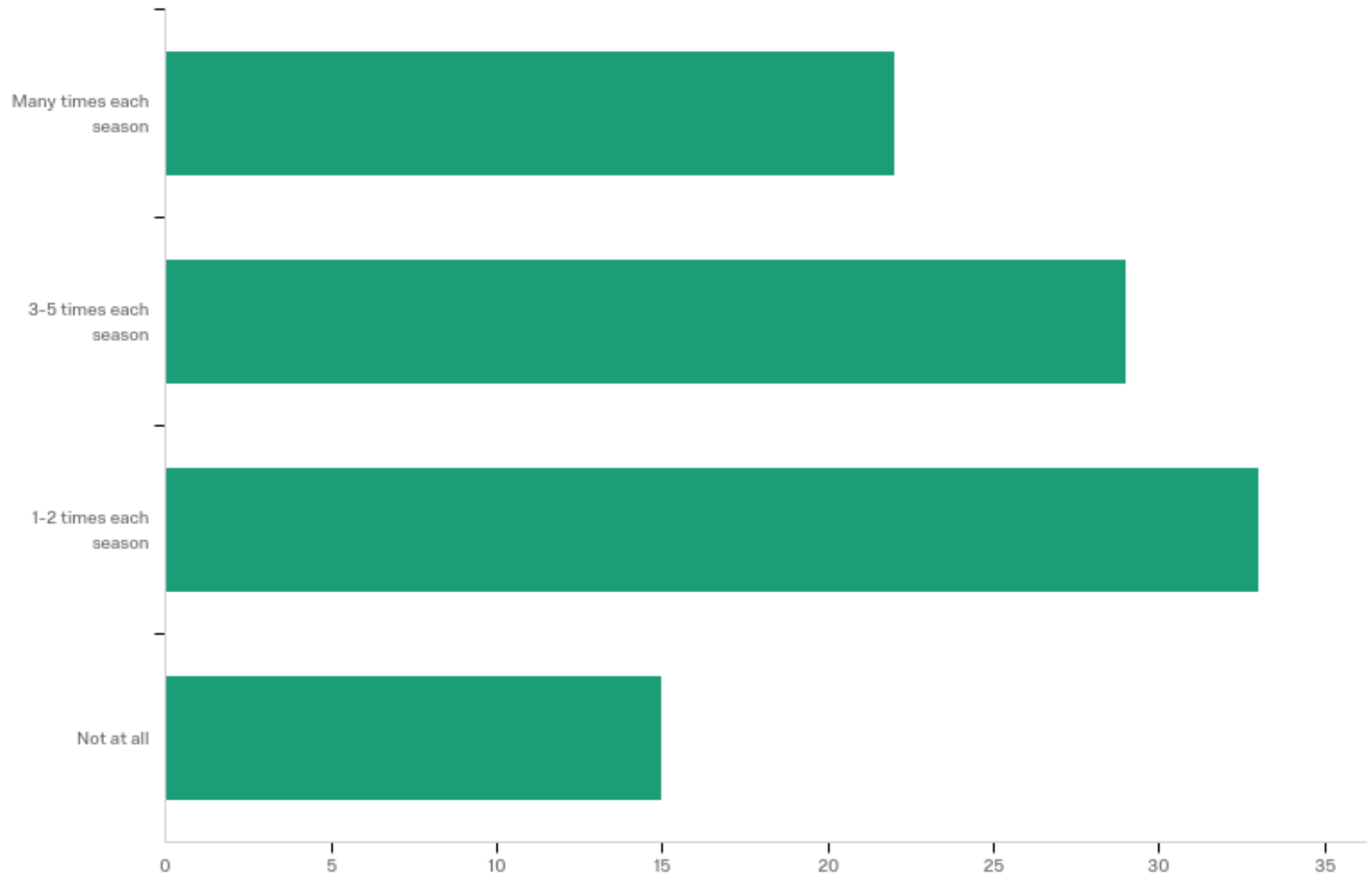
Q15 - What time of day would you be most likely to participate (in-person, online, via phone, etc.) in educational seminars/presentations/workshops?



Q15 - What time of day would you be most likely to participate (in-person, online, via phone, etc.) in educational seminars/presentations/workshops?

#	Answer	%	Count
1	8-9am	17.98%	16
2	9-10am	31.46%	28
3	10-11am	25.84%	23
4	11am-12pm	3.37%	3
5	12-1pm	3.37%	3
6	1-2pm	5.62%	5
7	2-3pm	3.37%	3
8	3-4pm	1.12%	1
9	4-5pm	2.25%	2
10	5-6pm	5.62%	5
	Total	100%	89

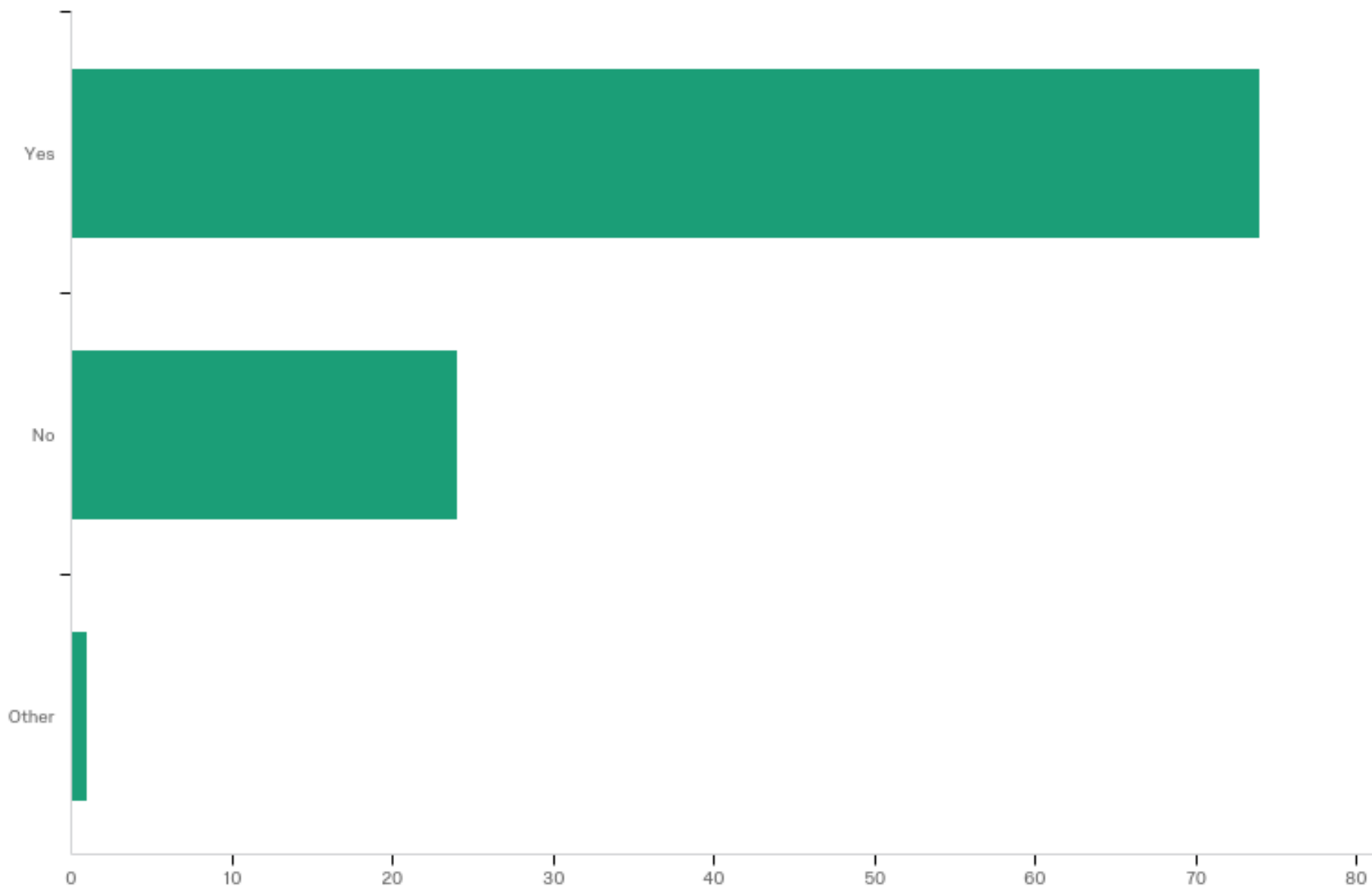
Q16 - How often do you think you would utilize an online forum specific to Colorado grape growing where growers could post and respond to various questions and comments?



Q16 - How often do you think you would utilize an online forum specific to Colorado grape growing where growers could post and respond to various questions and comments?

#	Answer	%	Count
1	Many times each season	22.22%	22
2	3-5 times each season	29.29%	29
3	1-2 times each season	33.33%	33
4	Not at all	15.15%	15
	Total	100%	99

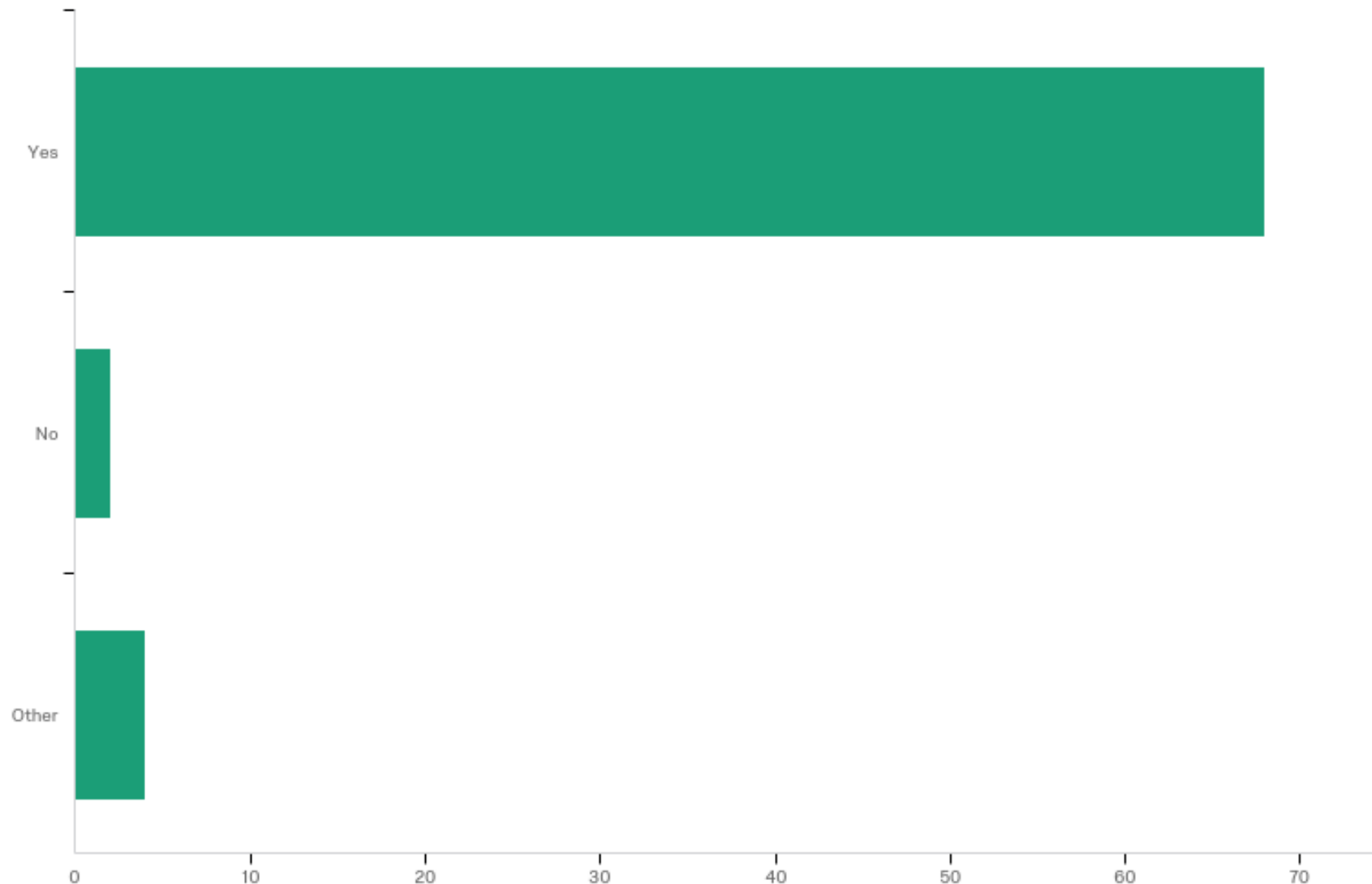
Q17 - Have you previously attended a viticulture seminar about grape growing practices in Colorado?



Q17 - Have you previously attended a viticulture seminar about grape growing practices in Colorado?

#	Answer	%	Count
1	Yes	74.75%	74
2	No	24.24%	24
3	Other	1.01%	1
	Total	100%	99

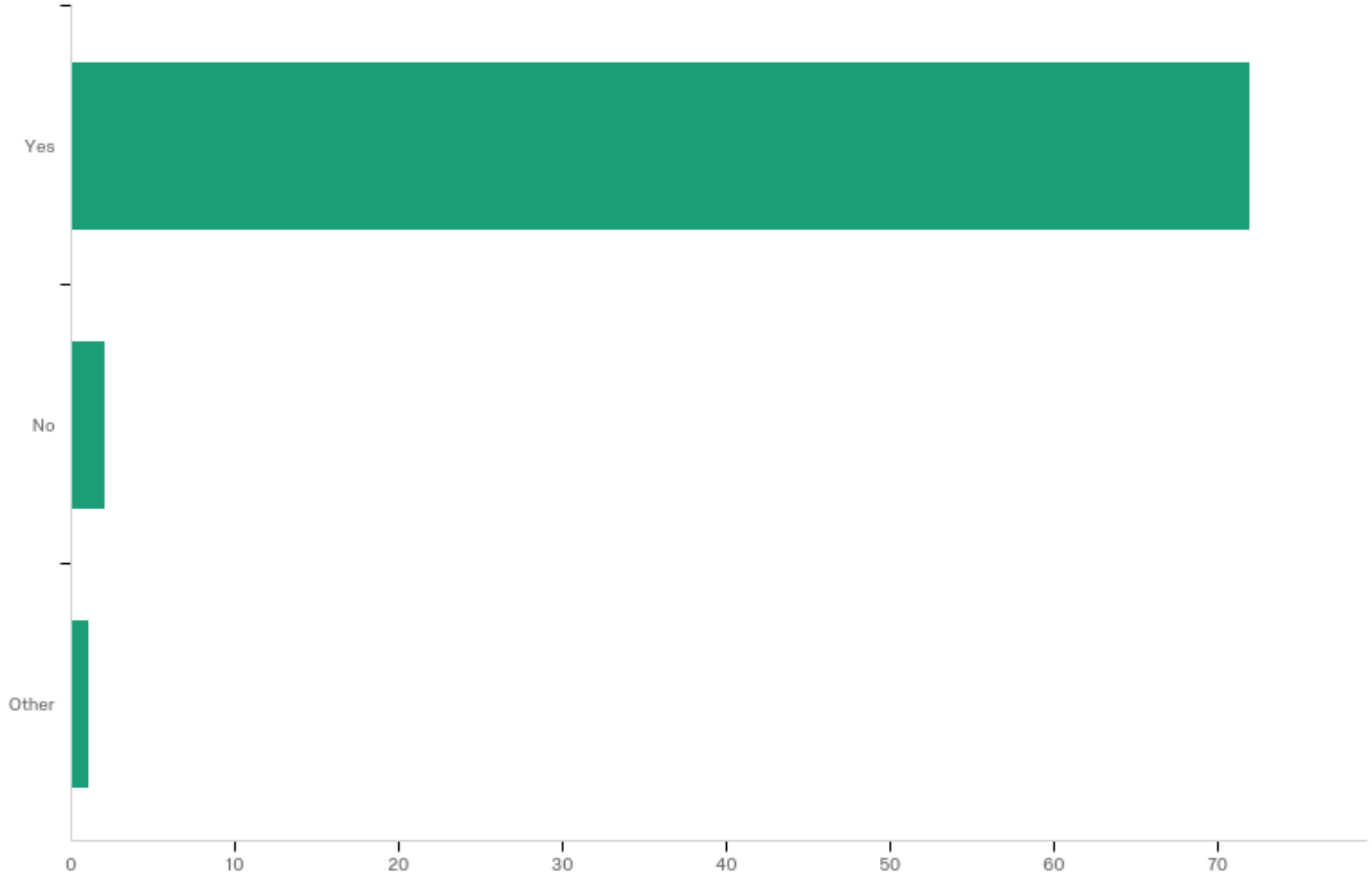
Q18 - When you attended viticulture seminars, whether put on by CSU or at VinCO, did you adopt any of the recommended practices presented during the seminar, even if on a temporary or experimental basis?



Q18 - When you attended viticulture seminars, whether put on by CSU or at VinCO, did you adopt any of the recommended practices presented during the seminar, even if on a temporary or experimental basis?

#	Answer	%	Count
1	Yes	91.89%	68
2	No	2.70%	2
3	Other	5.41%	4
	Total	100%	74

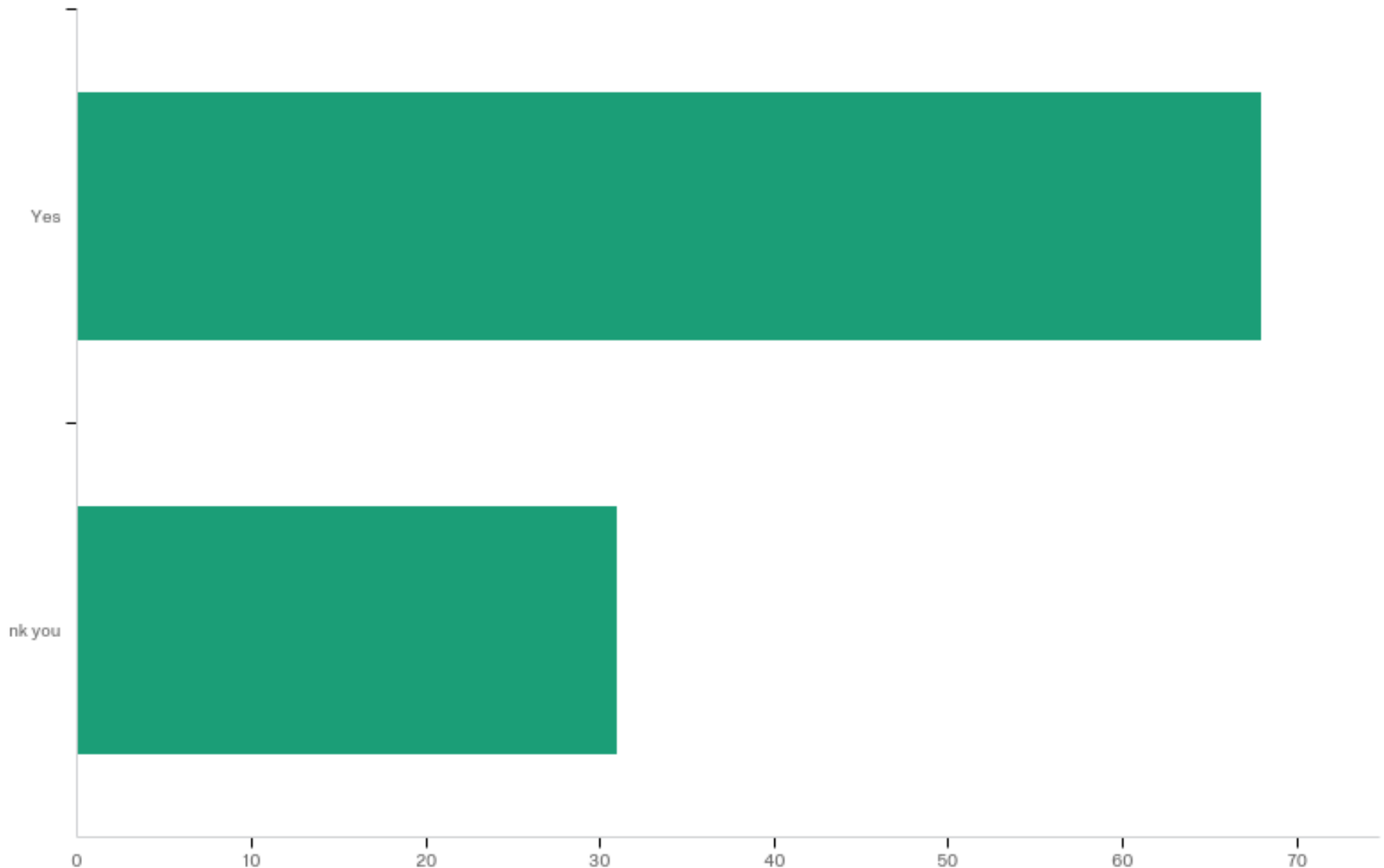
Q19 - Do you feel that you have gained knowledge about viticulture tools and vineyard management practices from prior participation in viticulture seminars, CSU outreach or other educational programs?



Q19 - Do you feel that you have gained knowledge about viticulture tools and vineyard management practices from prior participation in viticulture seminars, CSU outreach or other educational programs?

#	Answer	%	Count
1	Yes	96.00%	72
2	No	2.67%	2
3	Other	1.33%	1
	Total	100%	75

Q20 - If you are interested in sharing your contact information with CSU Extension, please include it here (first and last name, phone number, email address):



Q20 - If you are interested in sharing your contact information with CSU Extension, please include it here (first and last name, phone number, email address):

#	Answer	%	Count
4	Yes	68.69%	68
5	No thank you	31.31%	31
	Total	100%	99