2019 BIG GAME DRAW REPORT

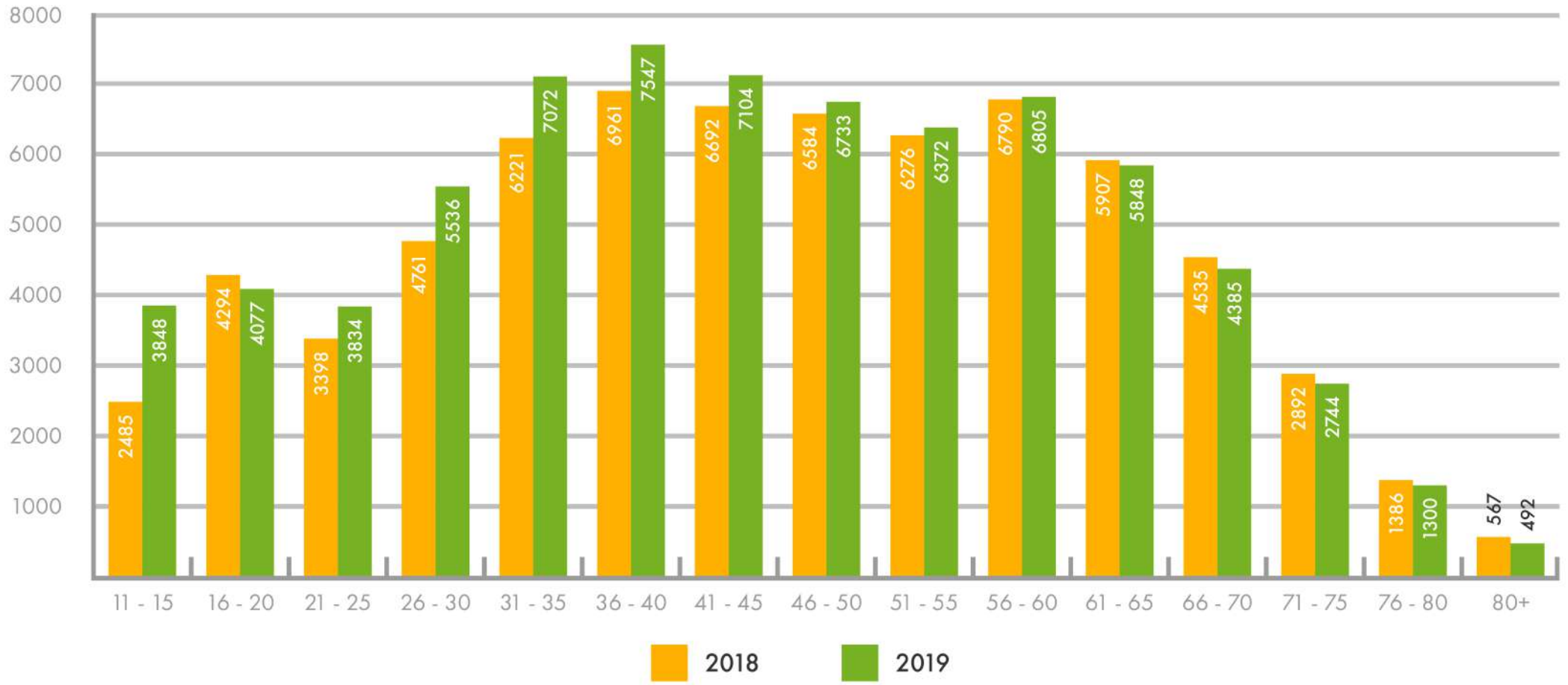
Nevada Board of Wildlife Commissioners

kalkomey™

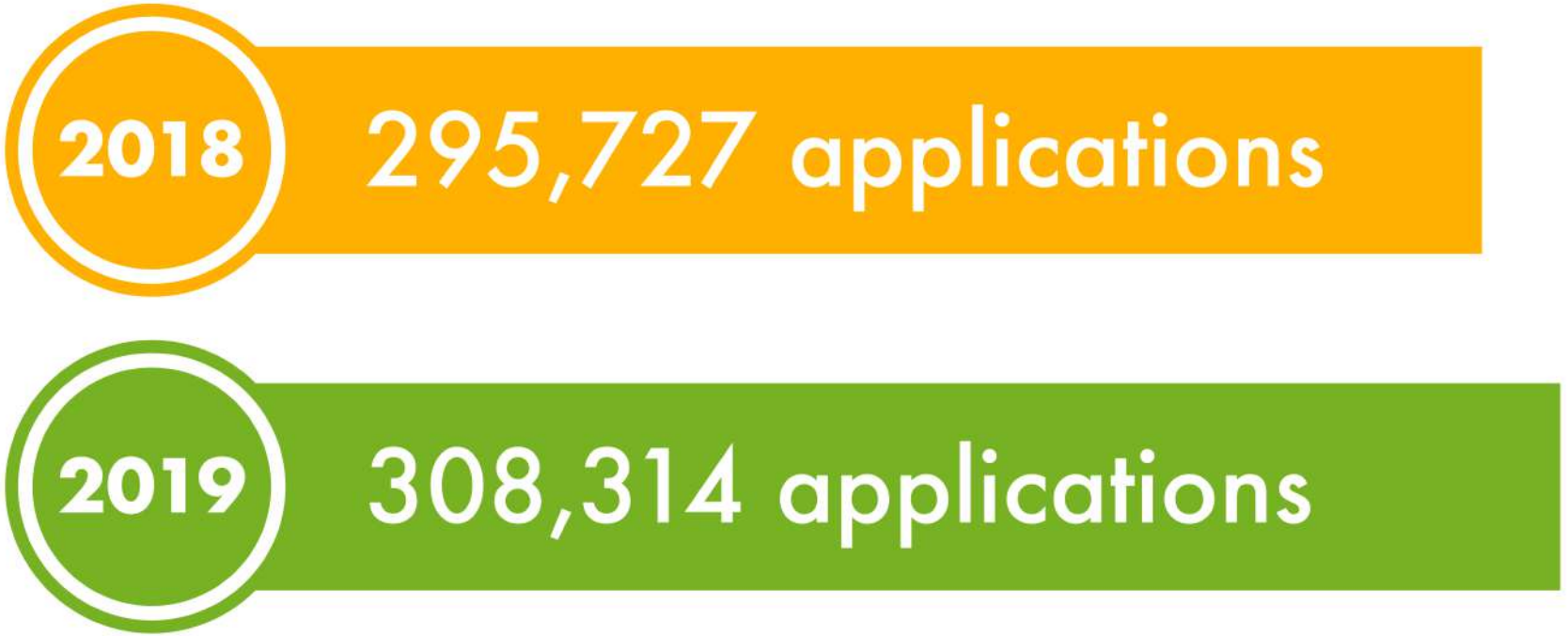
NEVADA DEPARTMENT OF WILDLIFE

UNIQUE CLIENTS

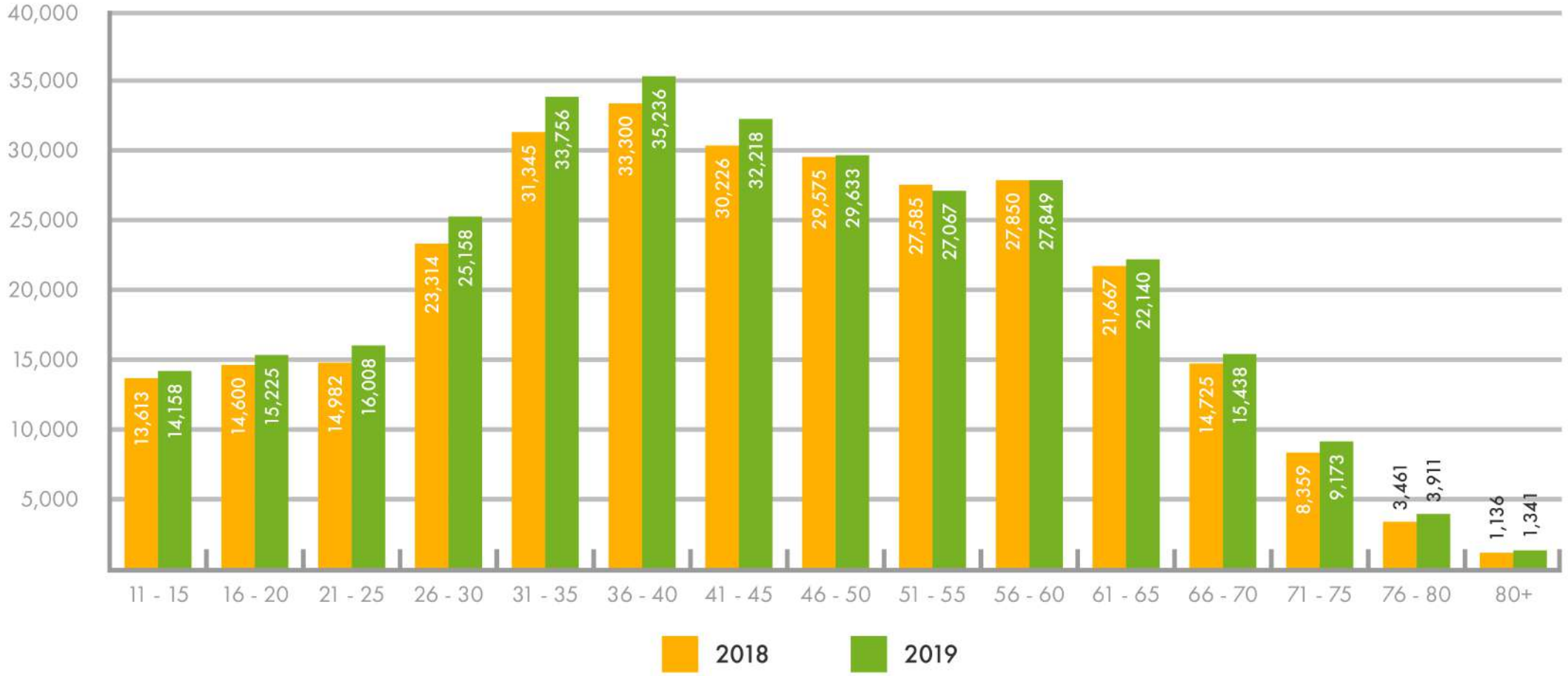
TOTAL UNIQUE CLIENTS BY AGE GROUP



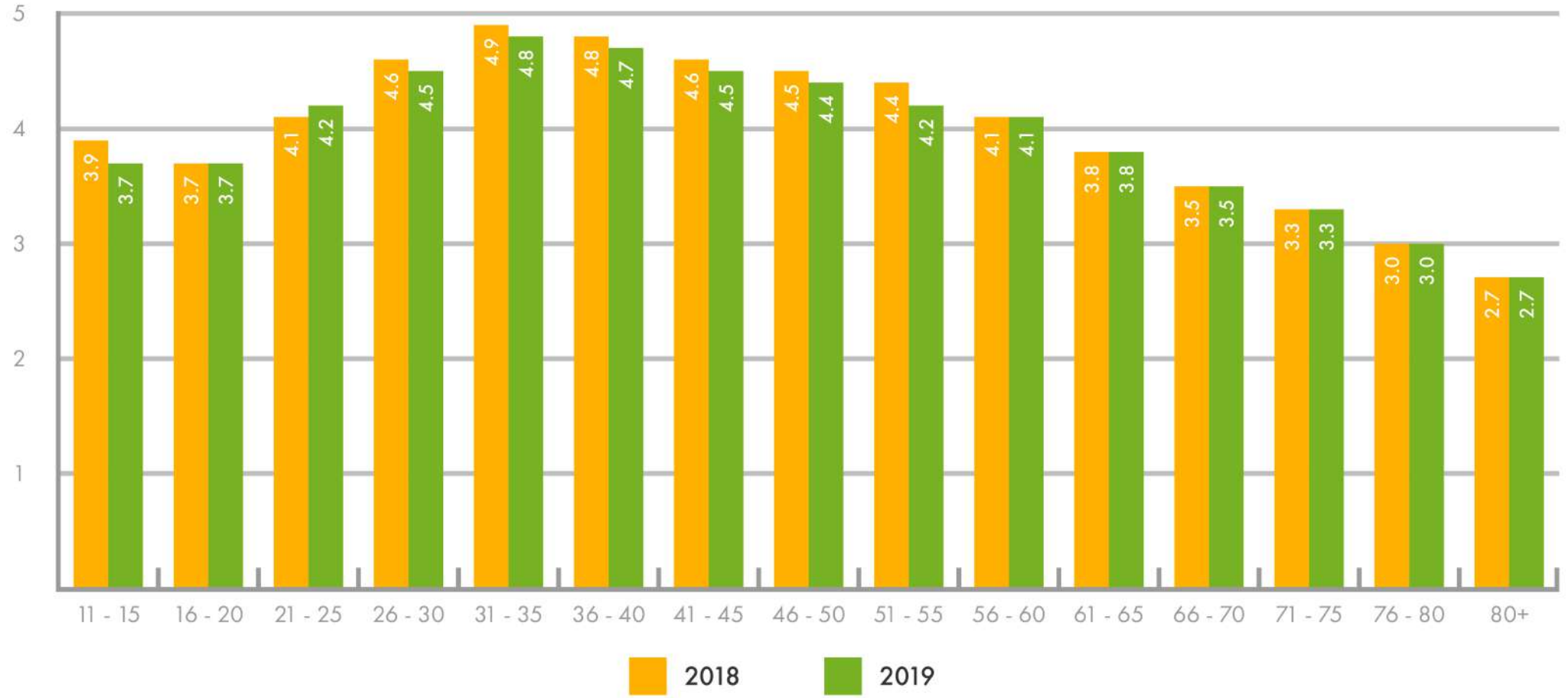
BIG GAME APPLICATIONS



BIG GAME APPS BY AGE GROUP

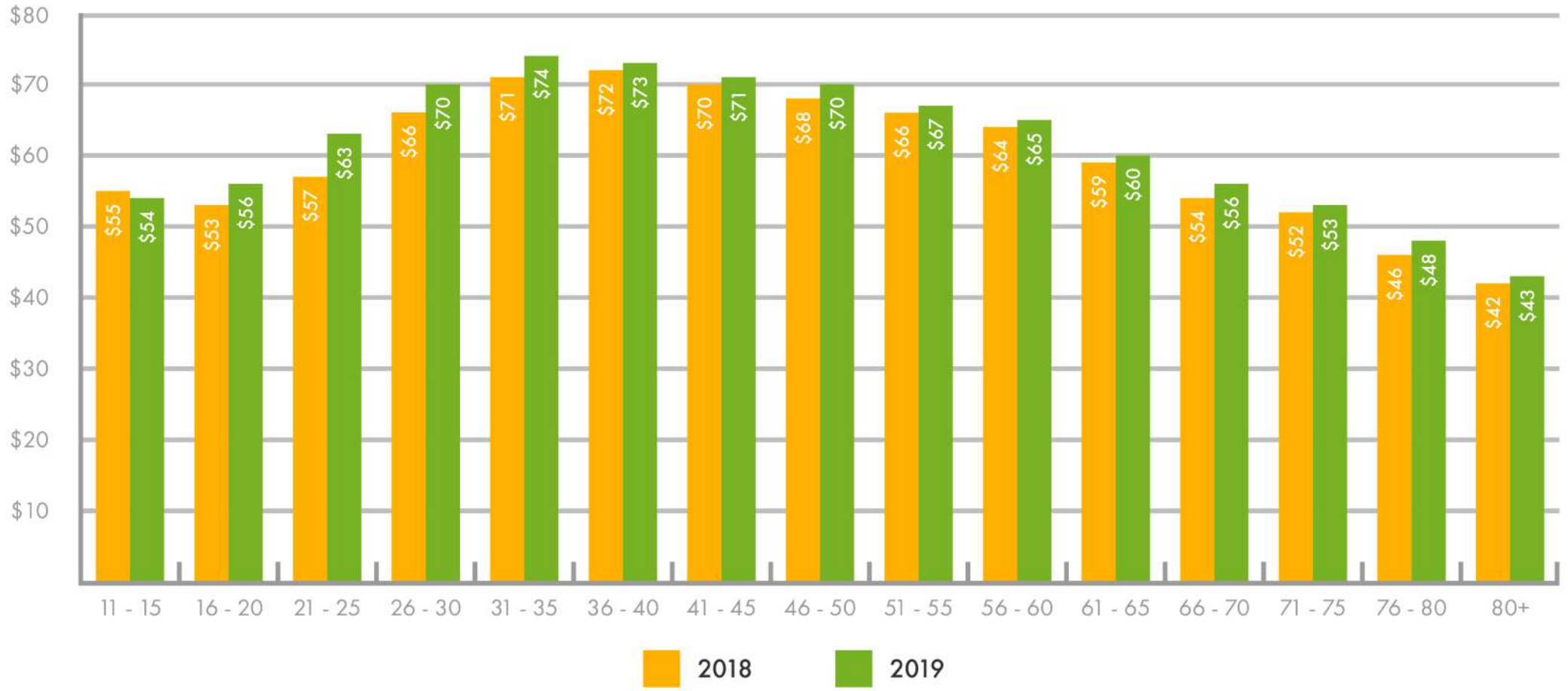


AVERAGE APPLICATION BY AGE GROUP

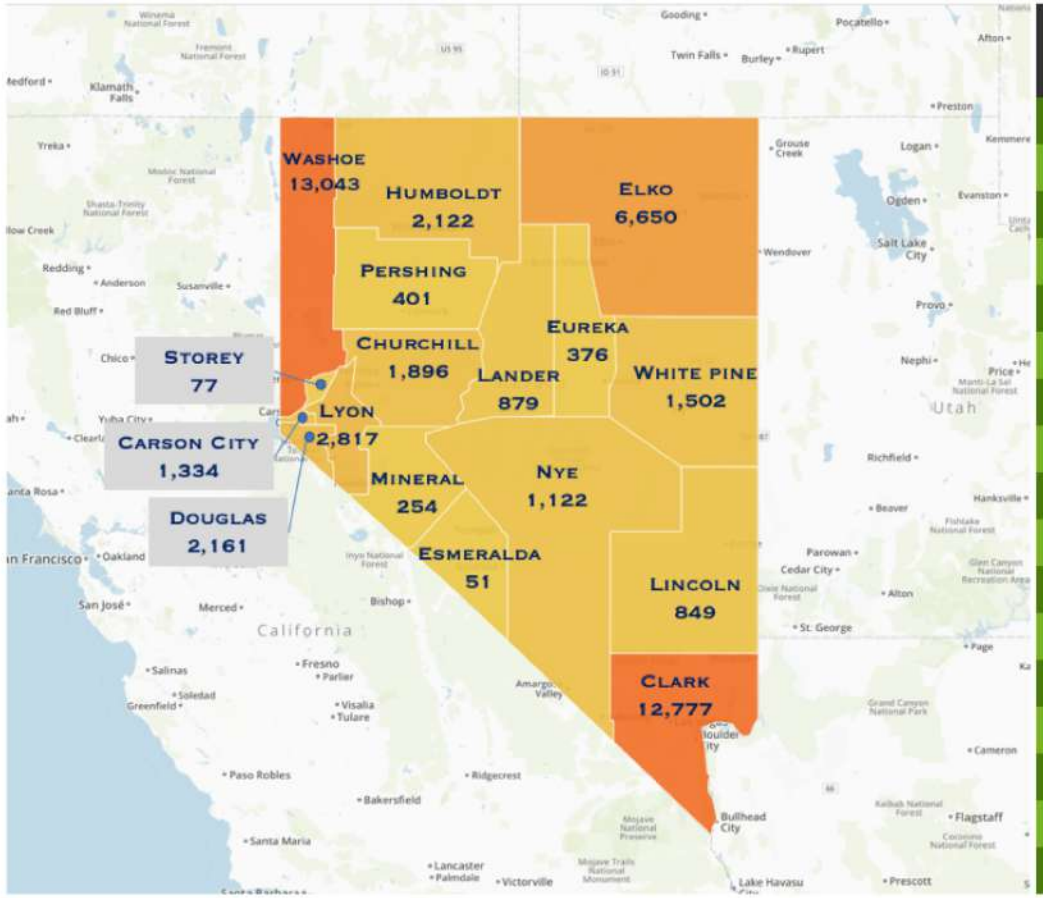


AVERAGE DOLLARS SPENT BY UNIQUE CLIENTS

AVERAGE DOLLARS SPENT BY UNIQUE CLIENTS BY AGE GROUP

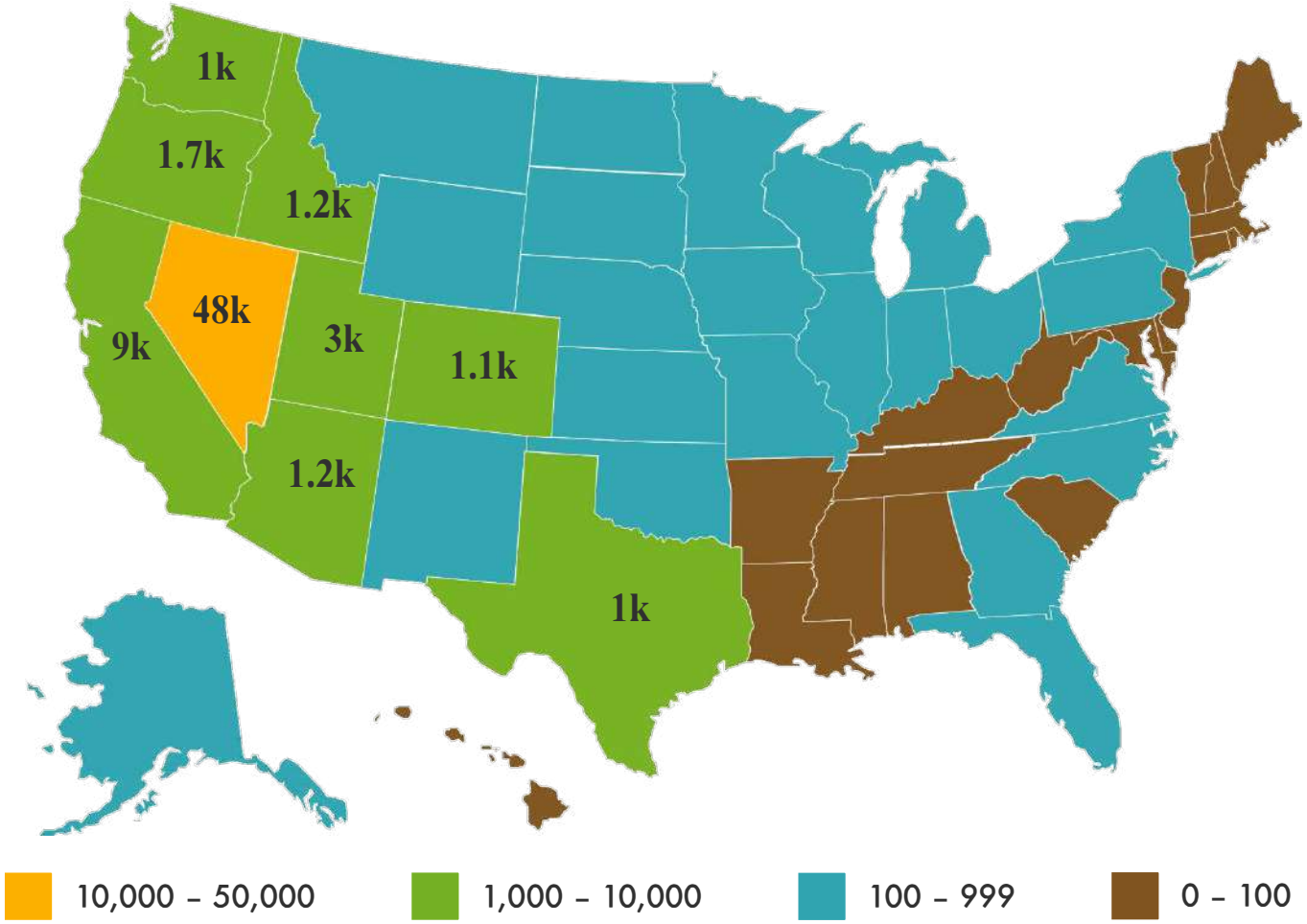


COUNTY GEO BREAKDOWN OF CLIENTS (RESIDENTS)

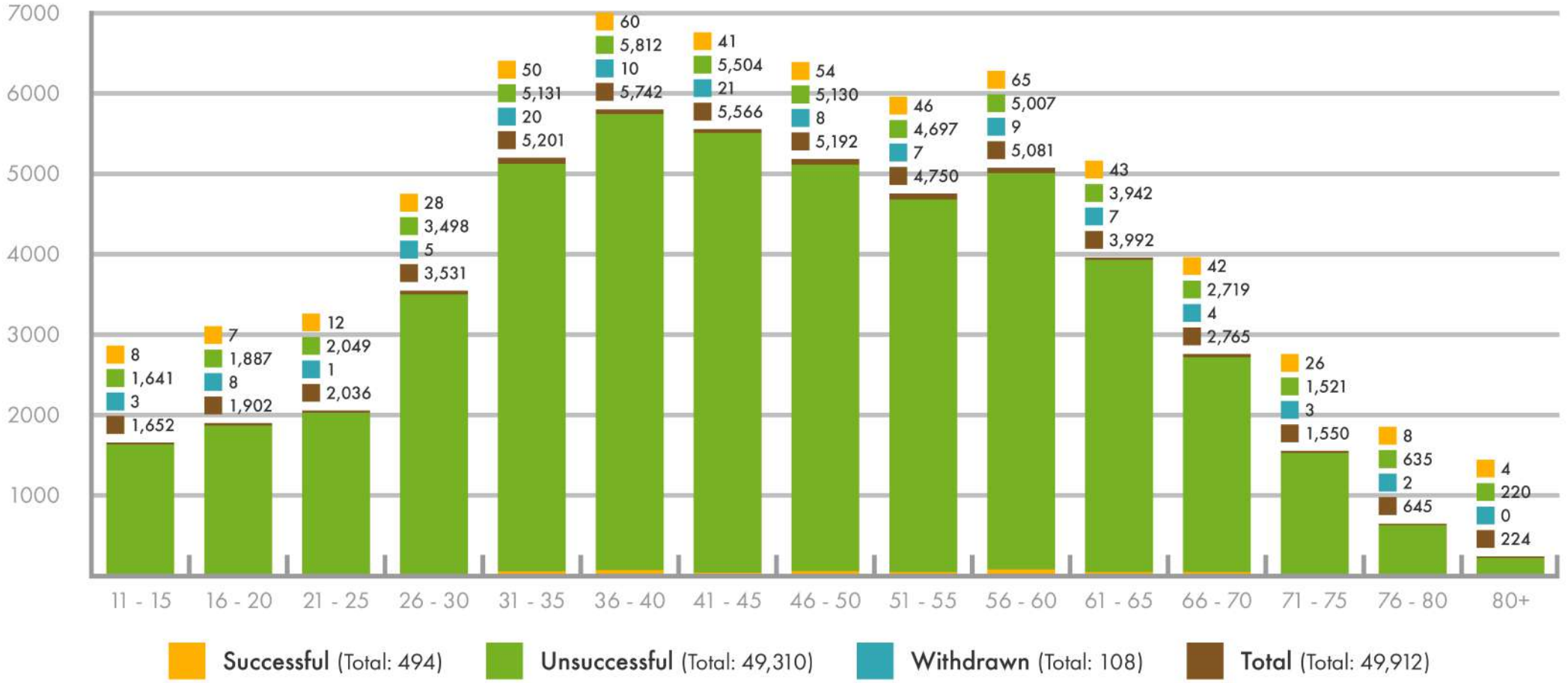


County	2018	2019
Clark	12,145 clients	12,777 clients
Washoe	12,255 clients	13,043 clients
Elko	6,402 clients	6,650 clients
Lyon	2,685 clients	2,817 clients
Churchill	1,755 clients	1,896 clients
Douglas	2,065 clients	2,161 clients
Carson City	1,260 clients	1,334 clients
Humboldt	2,068 clients	2,122 clients
Nye	1,112 clients	1,122 clients
White Pine	1,465 clients	1,502 clients
Lander	818 clients	879 clients
Lincoln	840 clients	849 clients
Mineral	241 clients	254 clients
Pershing	390 clients	401 clients
Eureka	372 clients	376 clients
Esmeralda	48 clients	51 clients
Storey	72 clients	77 clients

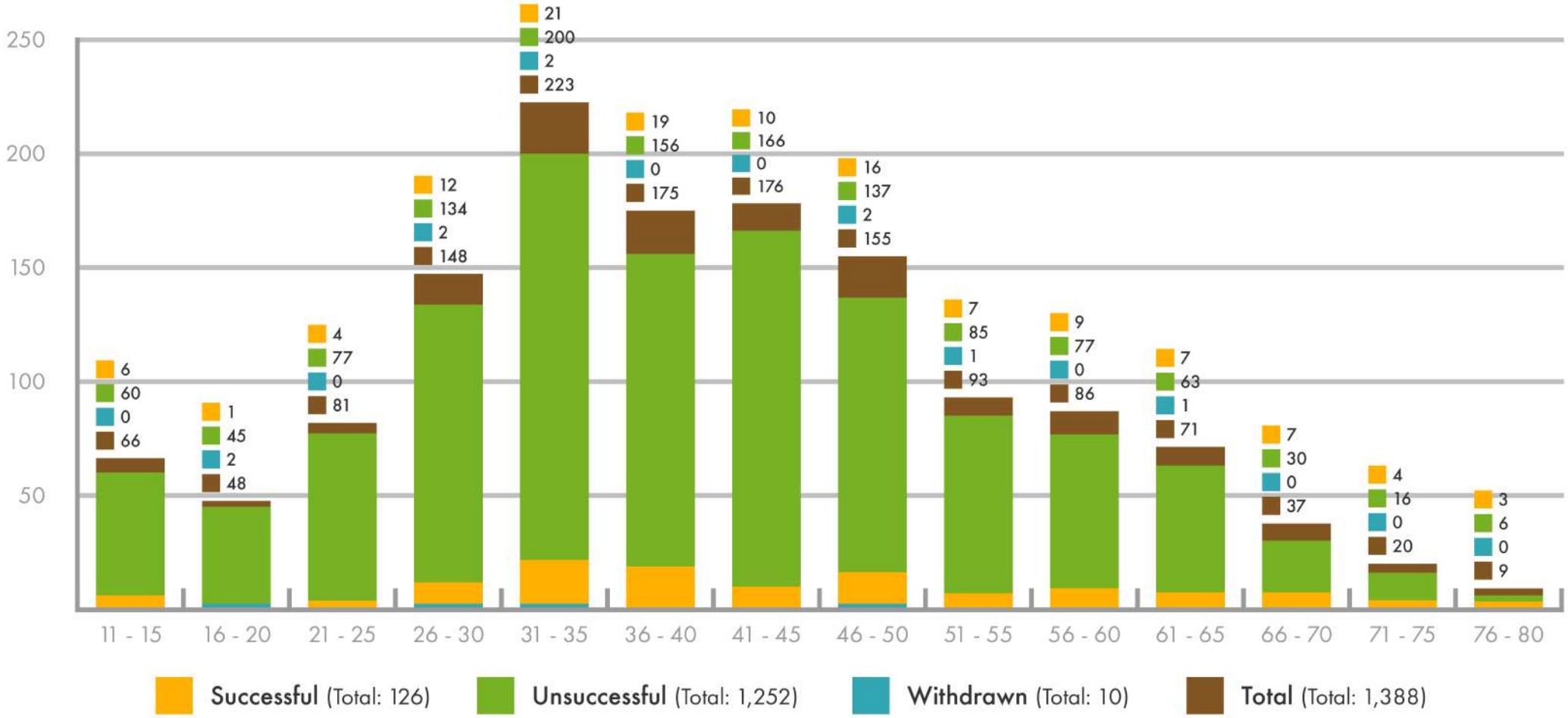
STATE GEO BREAKDOWN OF UNIQUE CLIENTS



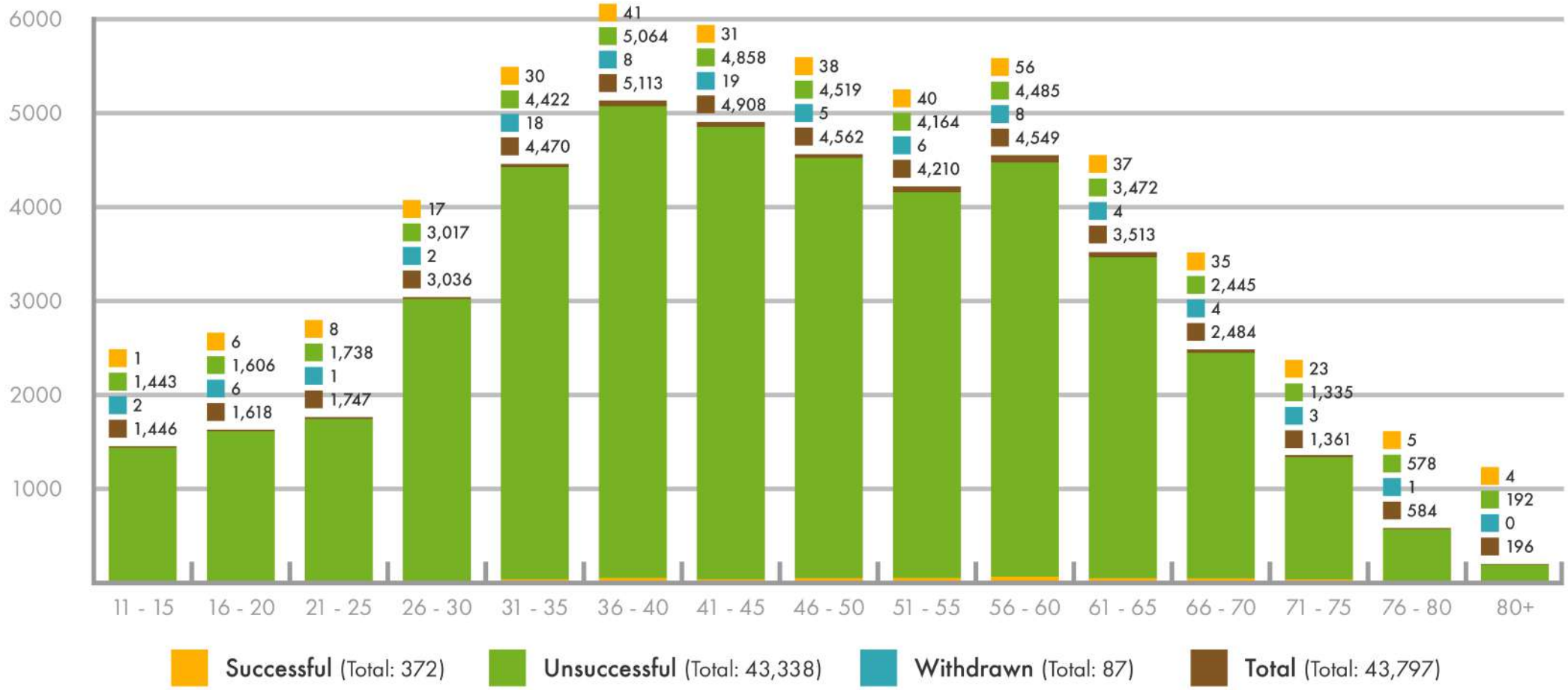
BIGHORN APPS BY STATUS AND AGE GROUP



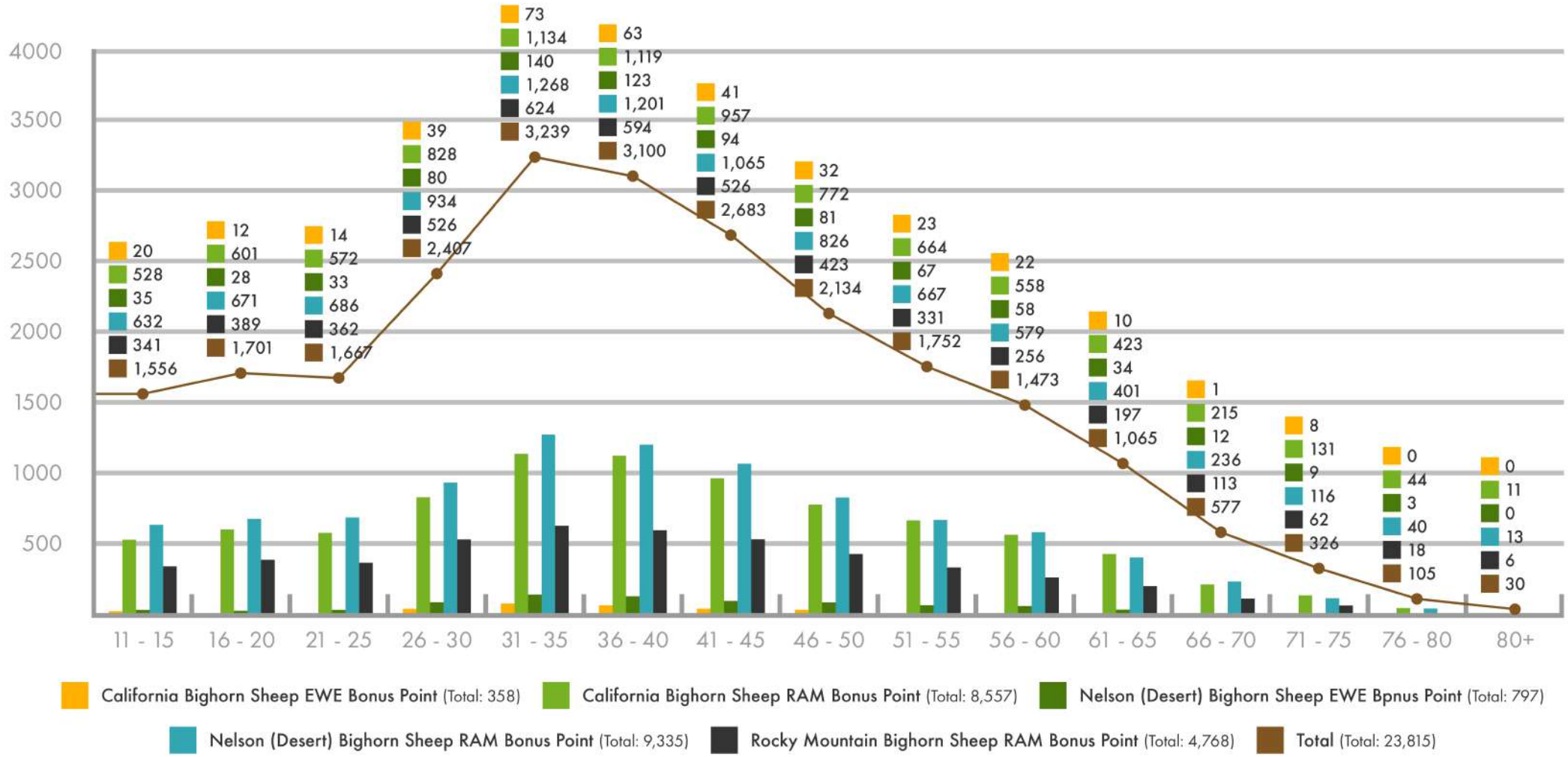
BIGHORN SHEEP "EWE" APPS BY STATUS AND AGE GROUP



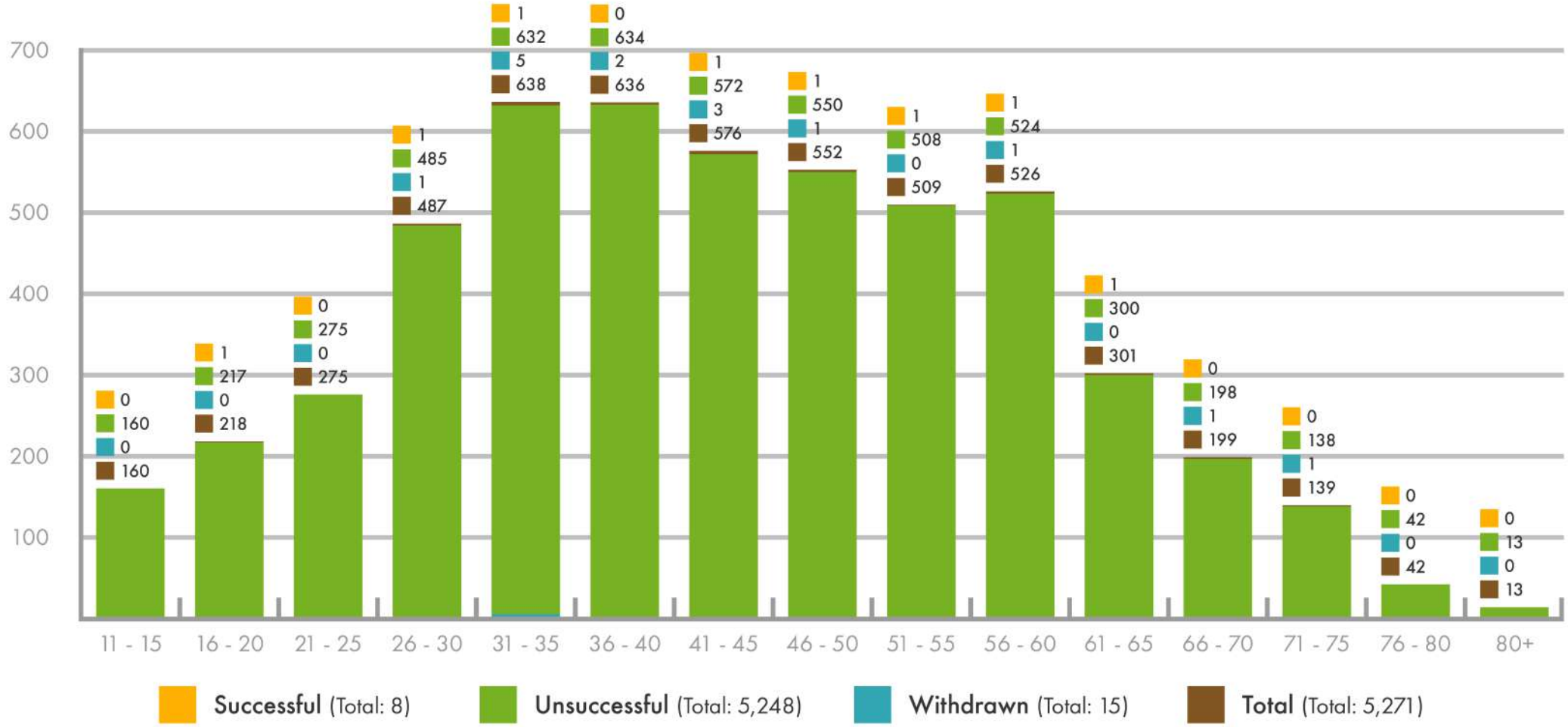
BIGHORN SHEEP "RAM" APPS BY STATUS AND AGE GROUP



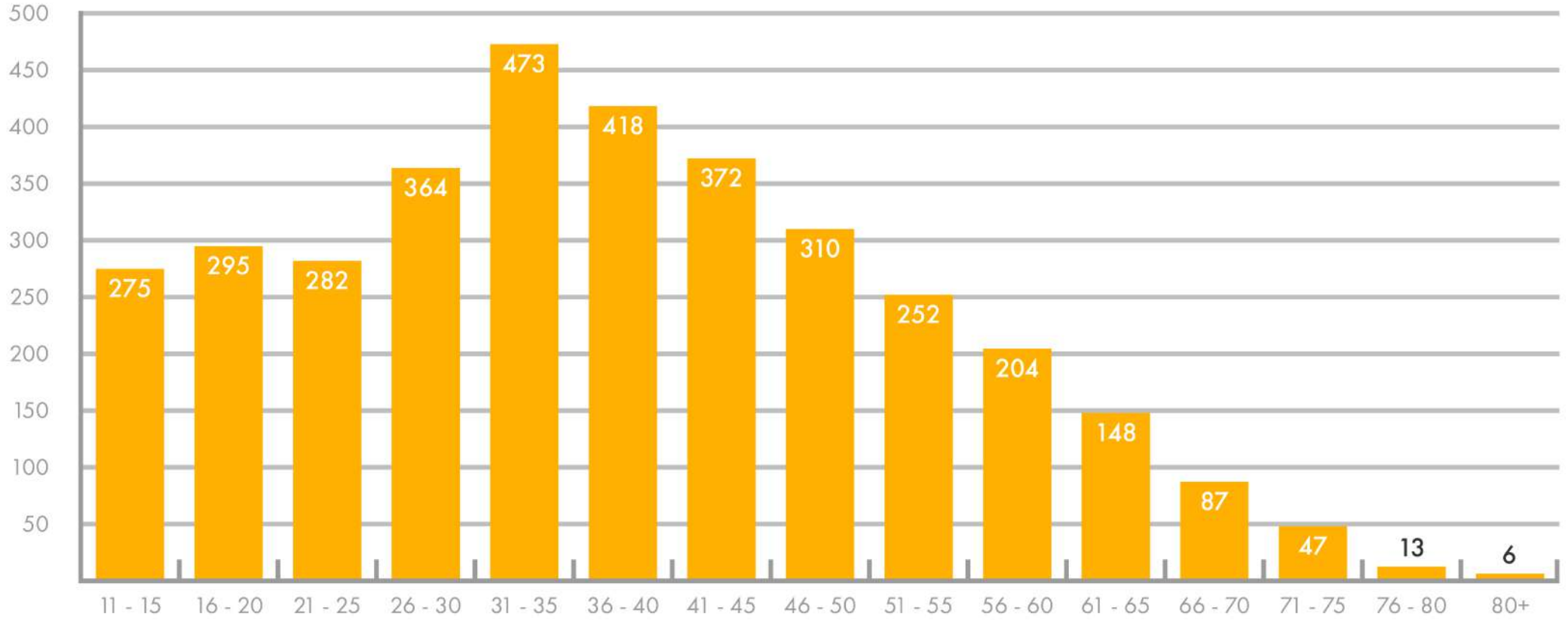
BIGHORN BONUS POINTS BY AGE GROUP



MOUNTAIN GOAT APPS BY STATUS AND AGE GROUP

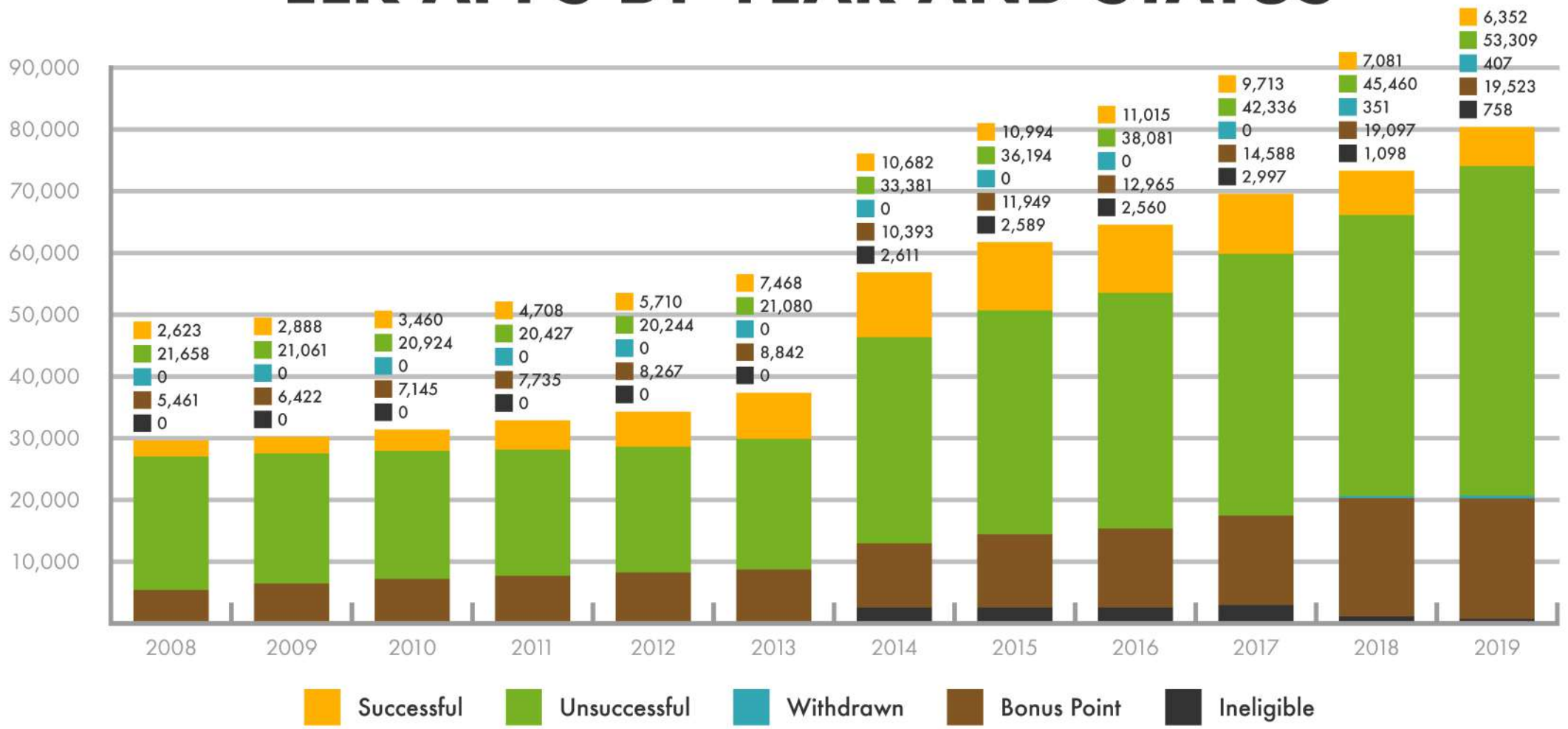


MOUNTAIN GOAT BONUS POINT APPS BY AGE GROUP

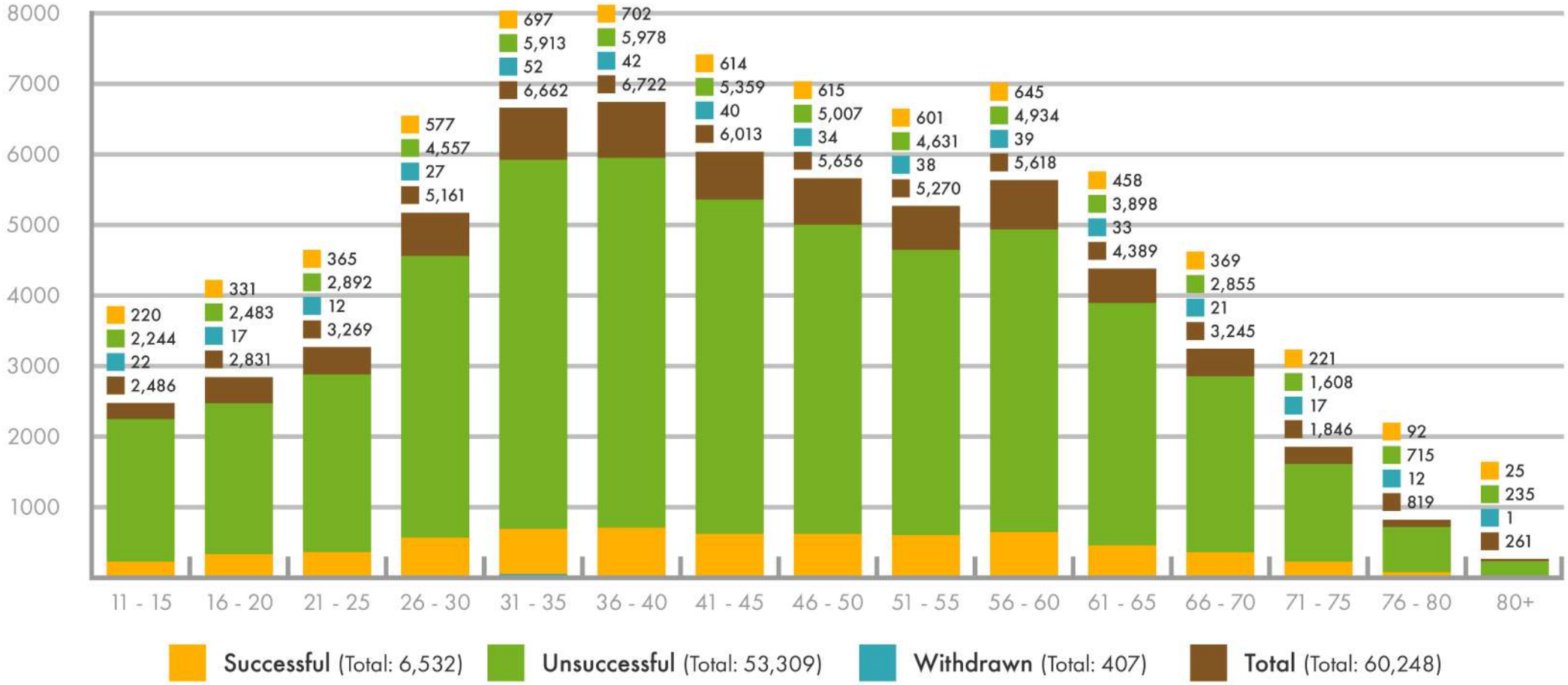


Total: 3,546

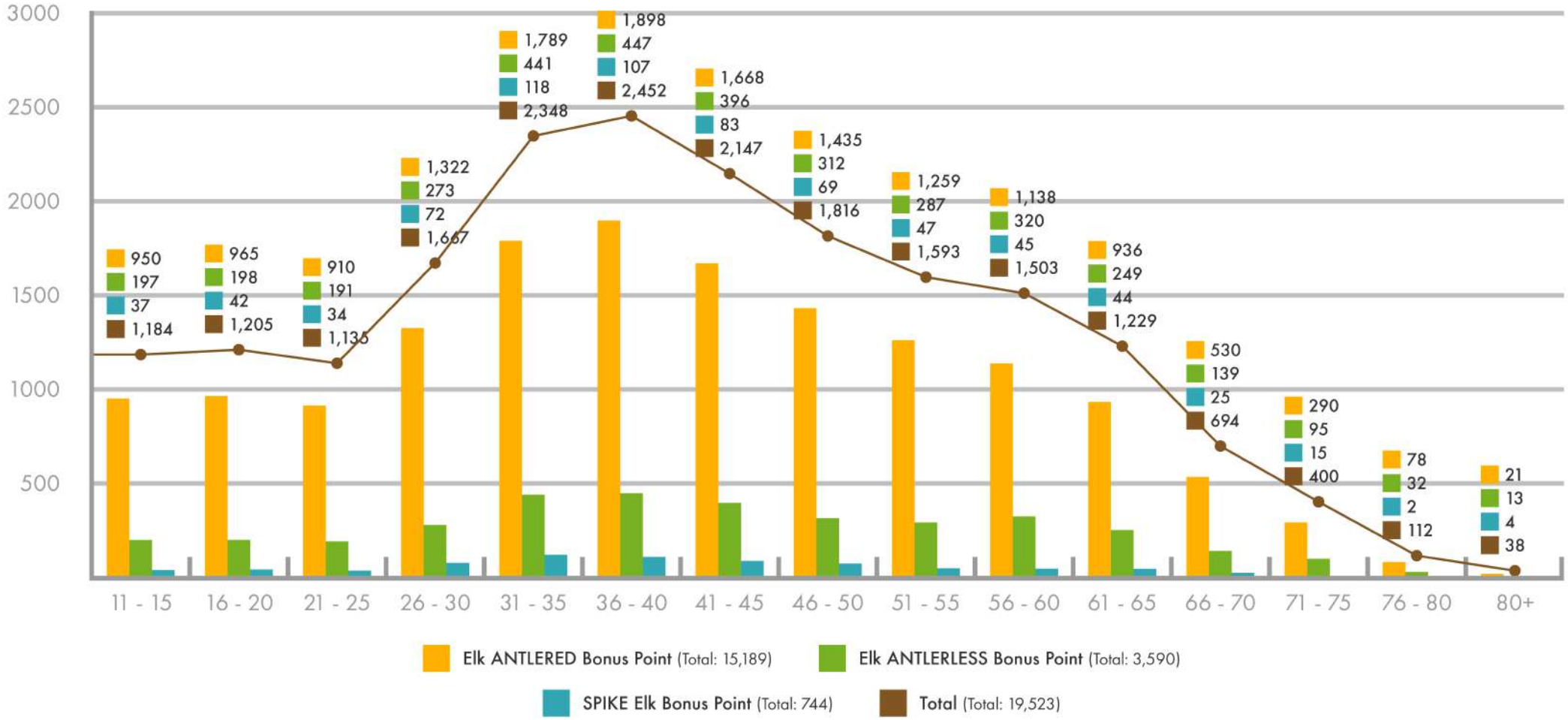
ELK APPS BY YEAR AND STATUS



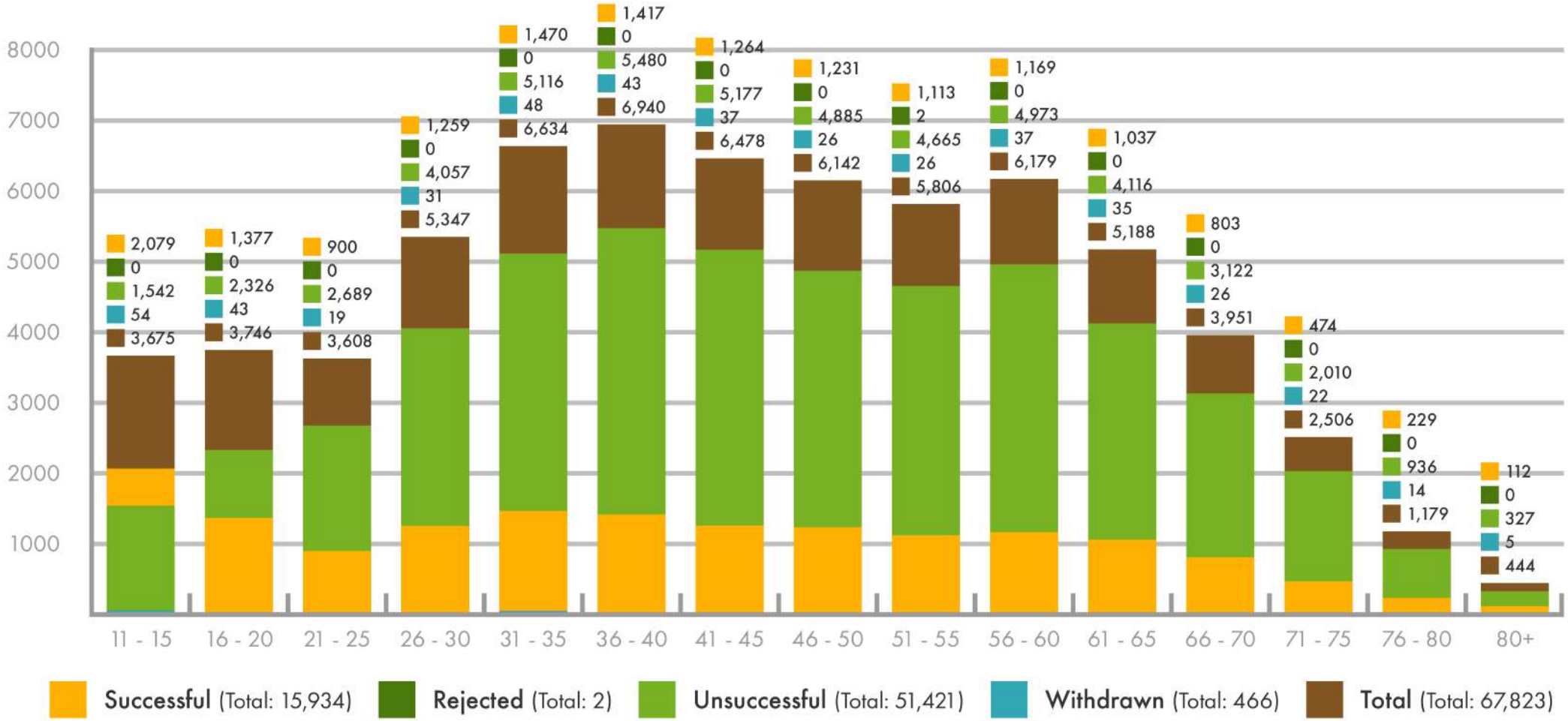
ELK APPS BY STATUS AND AGE GROUP



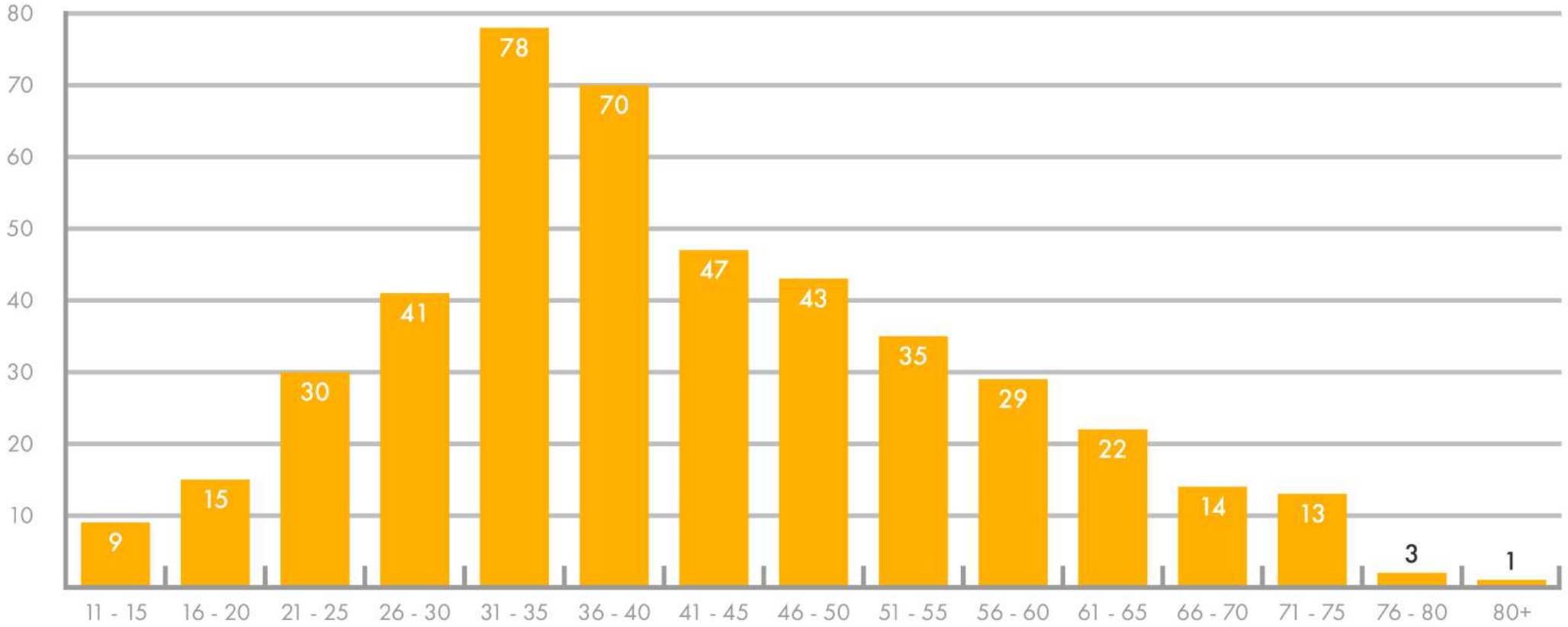
ELK BONUS POINT APPS BY AGE GROUP



DEER APPS BY STATUS AND AGE GROUP

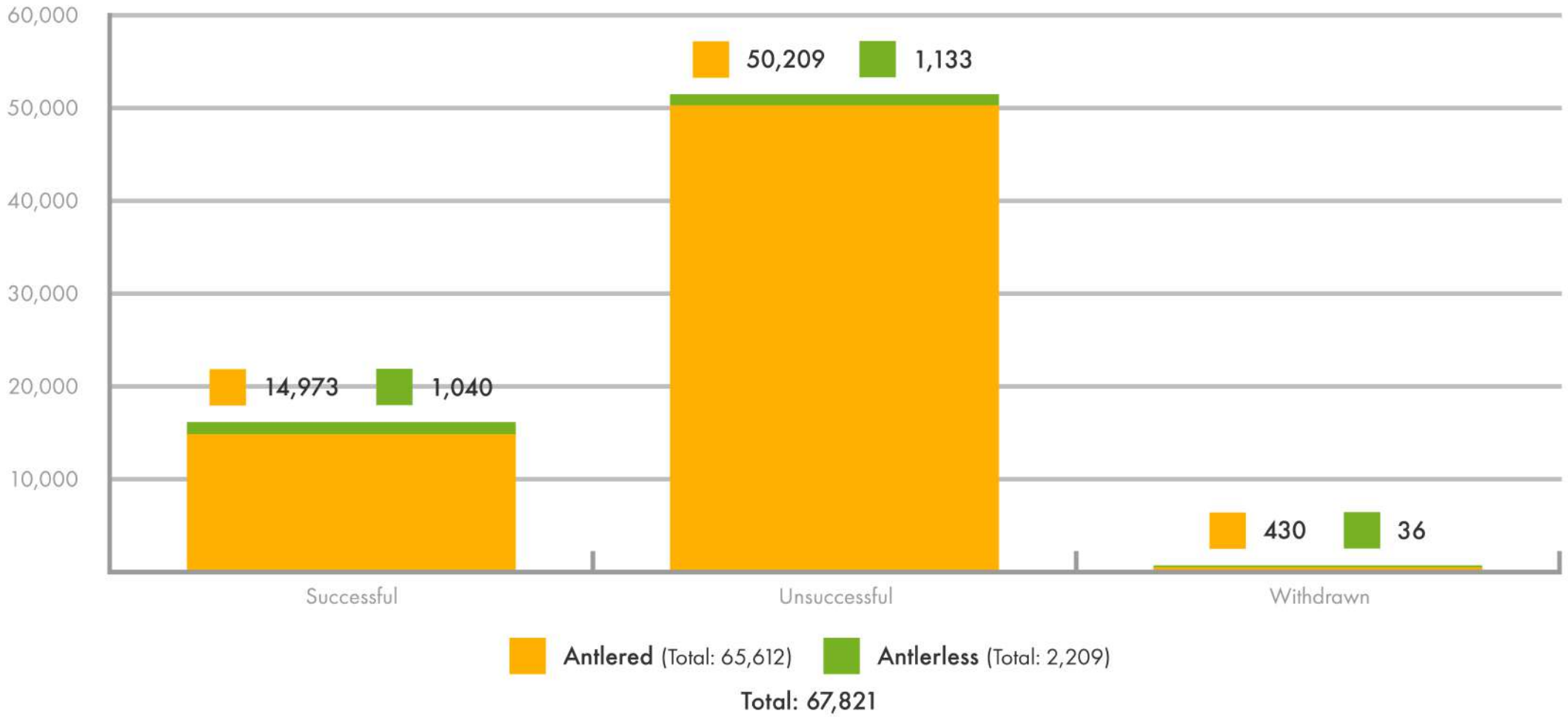


DEER BONUS POINT APPS BY AGE GROUP

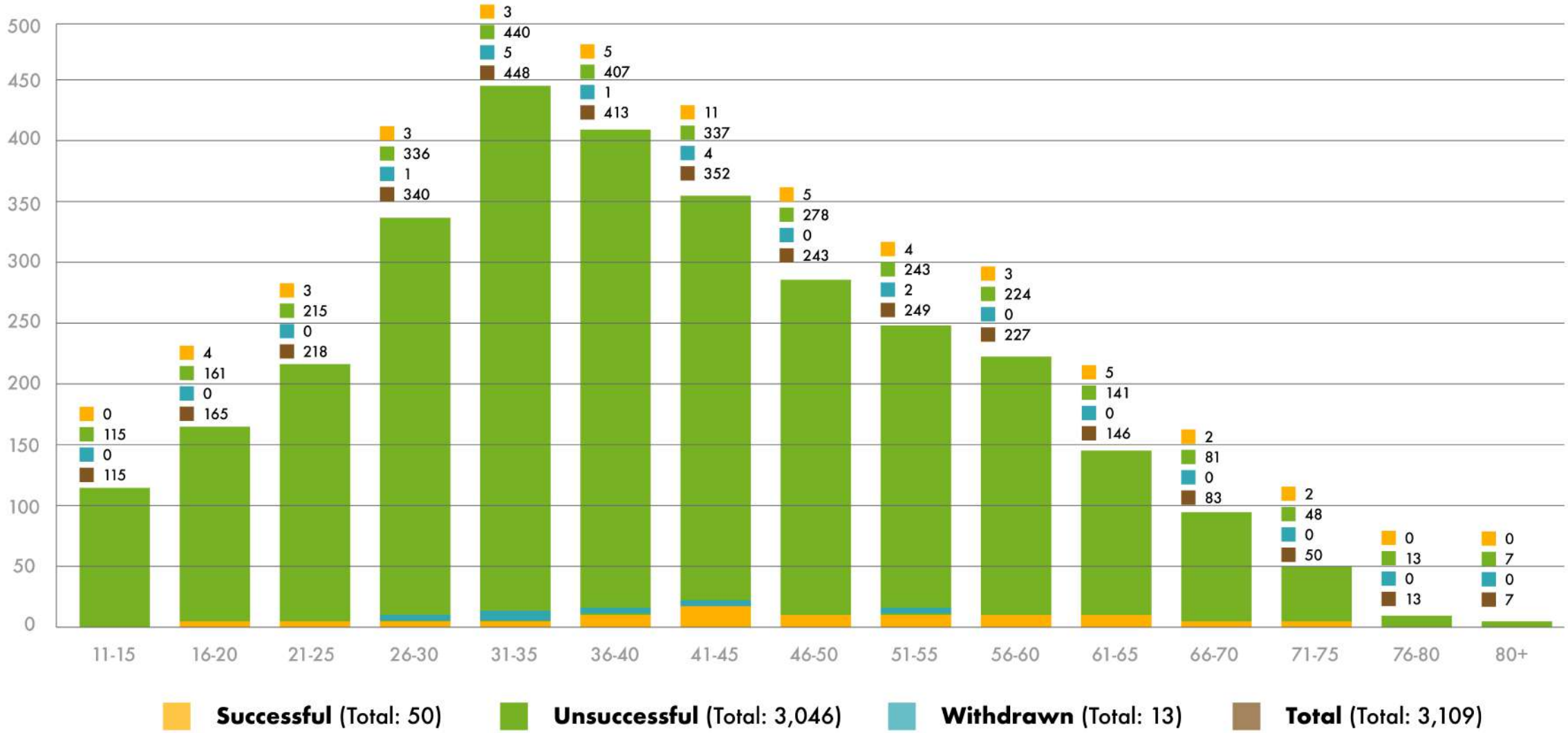


Total: 450

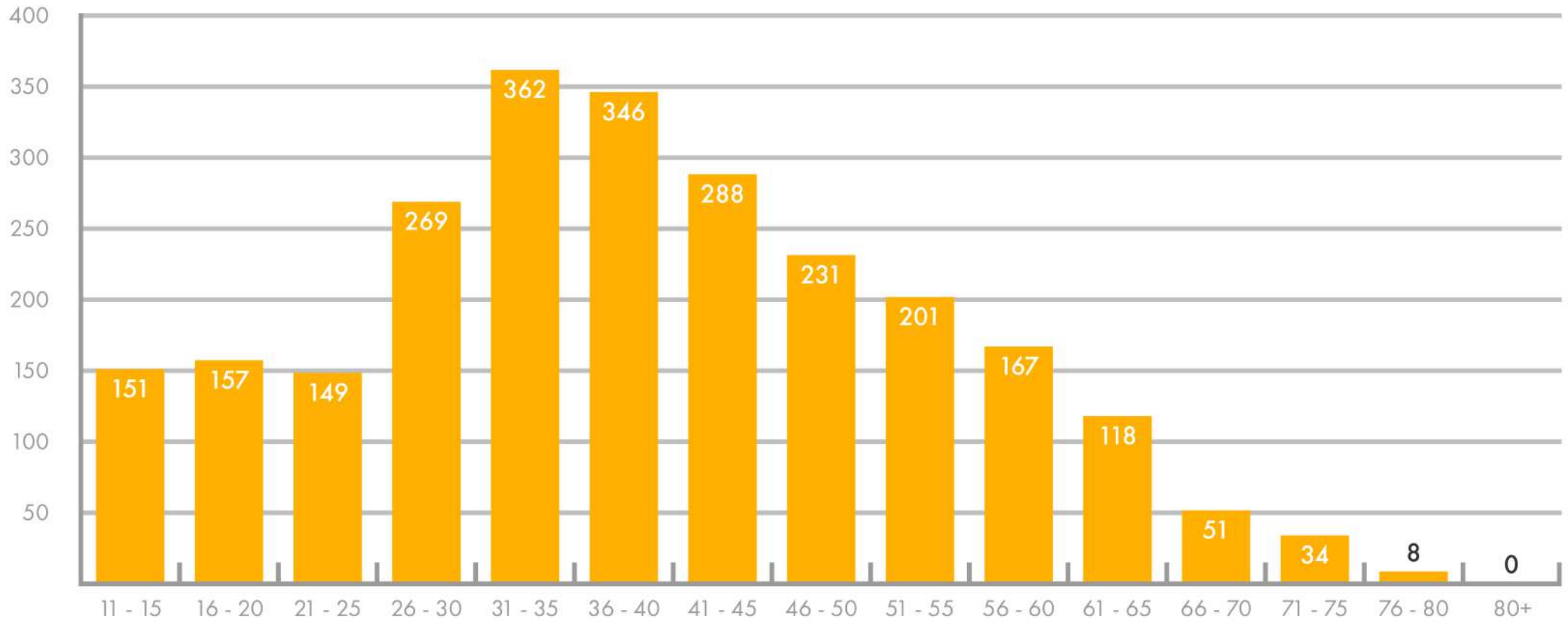
DEER APPS BY STATUS
ANTLERED VS ANTLERLESS



BEAR APPS BY STATUS AND AGE GROUP

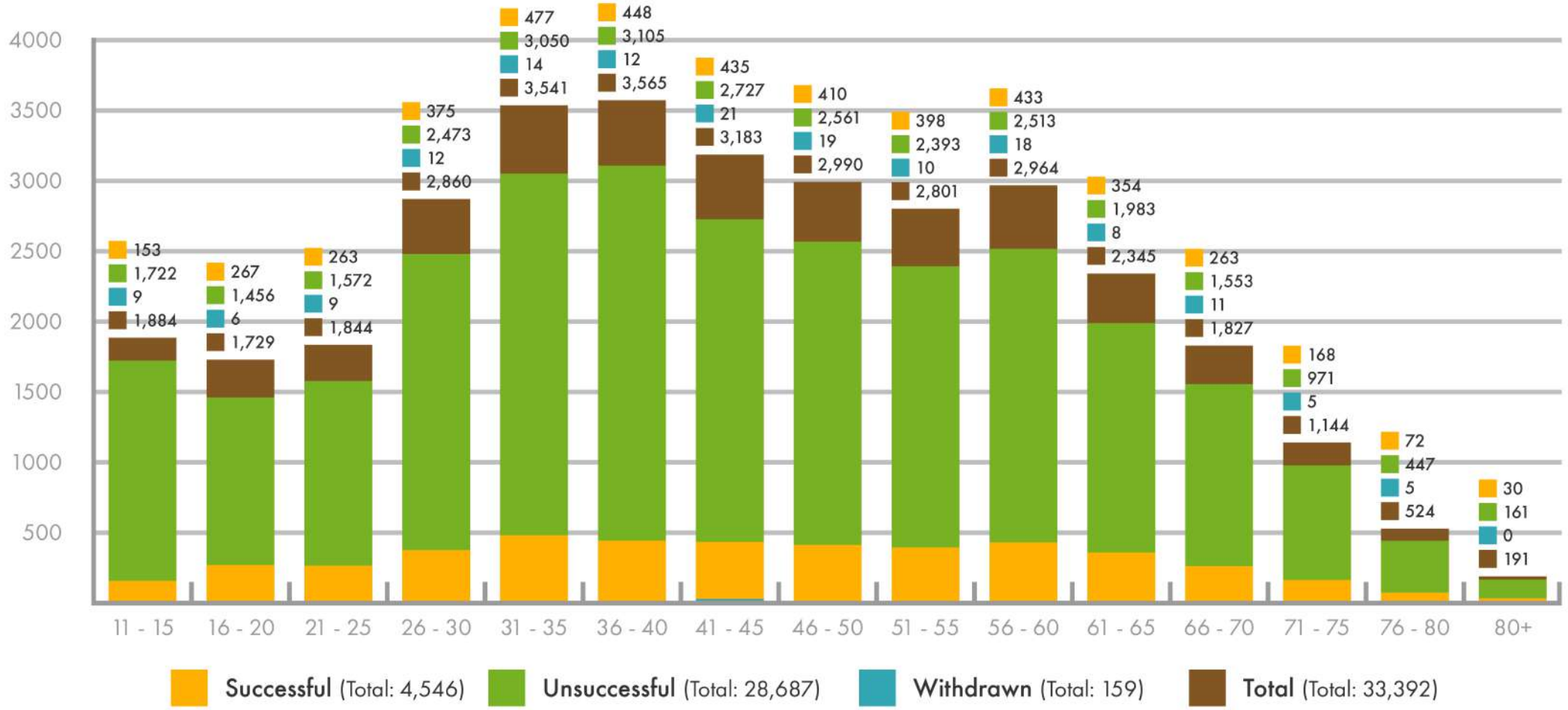


BEAR BONUS POINT APPS BY AGE GROUP

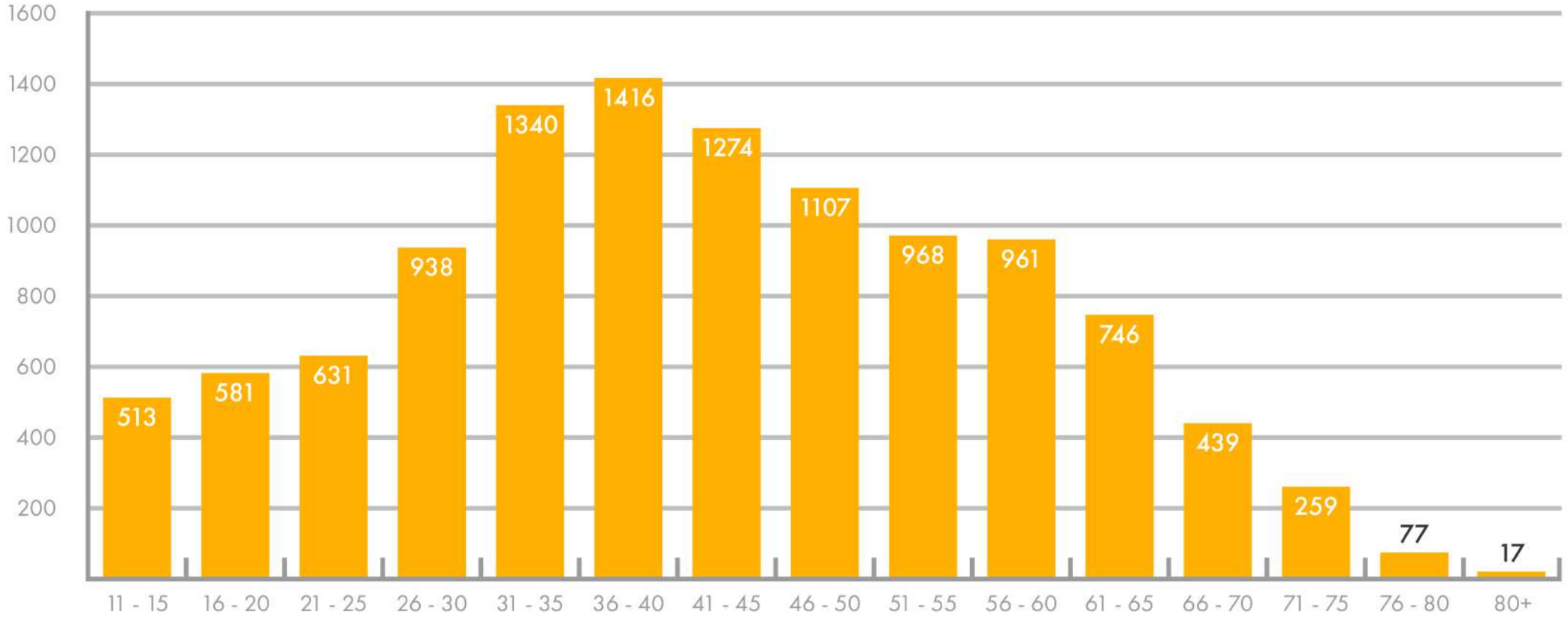


Total: 2,532

PRONGHORN APPS BY STATUS AND AGE GROUP

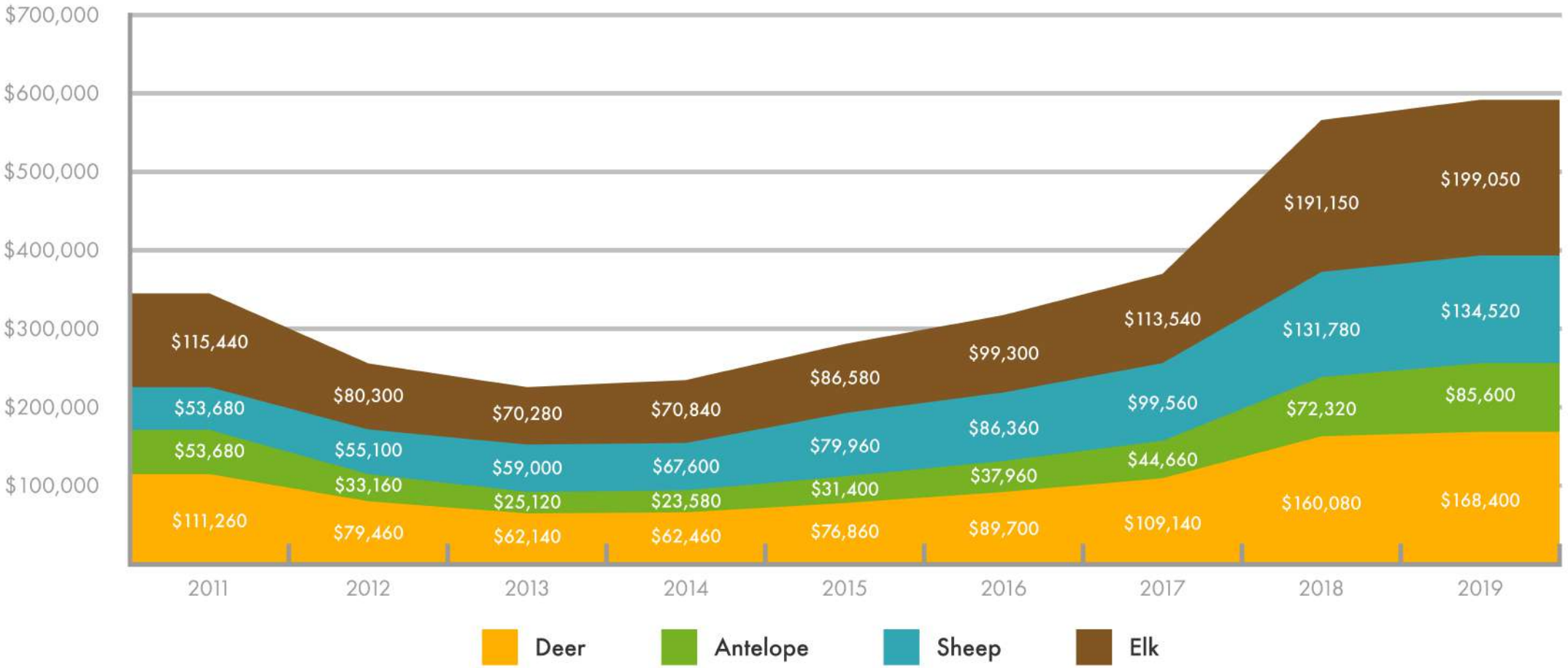


PRONGHORN BONUS POINT APPS BY AGE GROUP

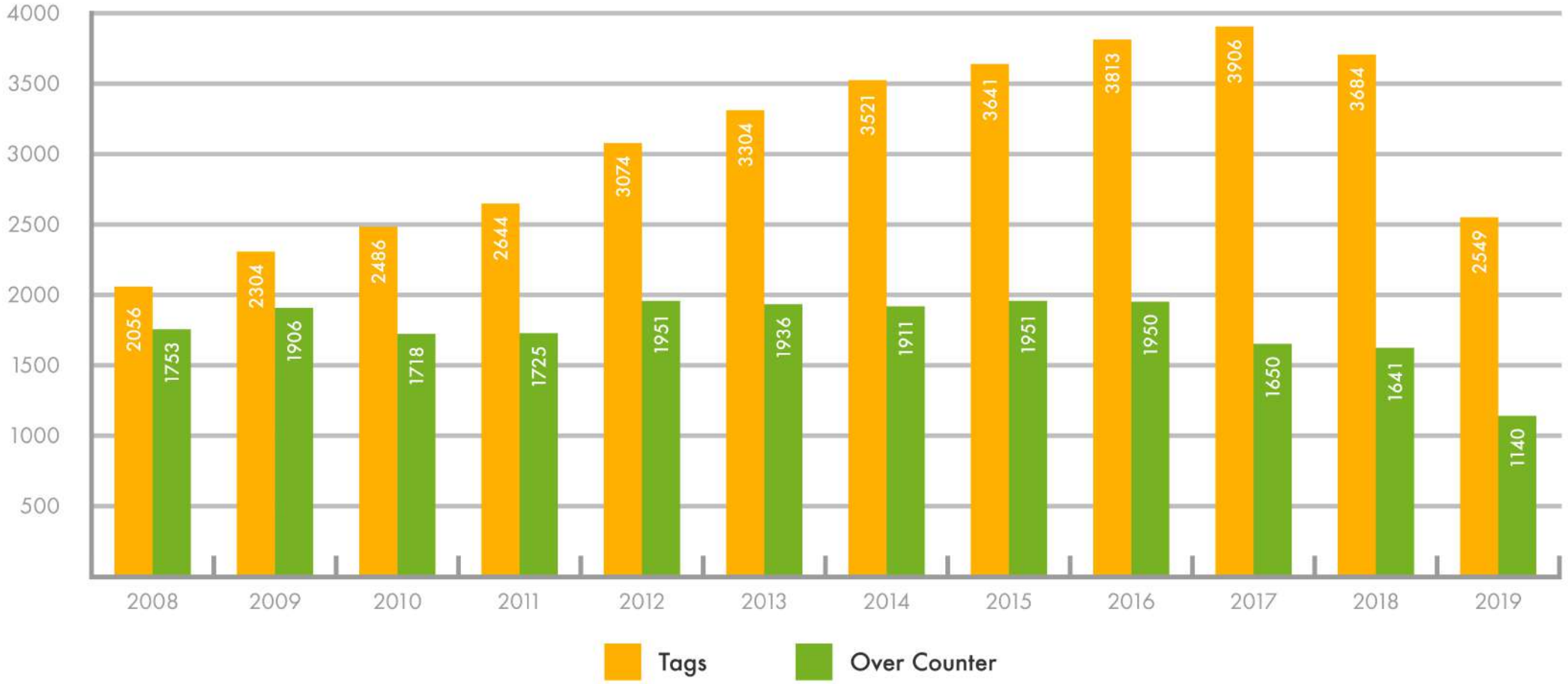


Total: 11,267

SILVER STATE TAG APP REVENUE

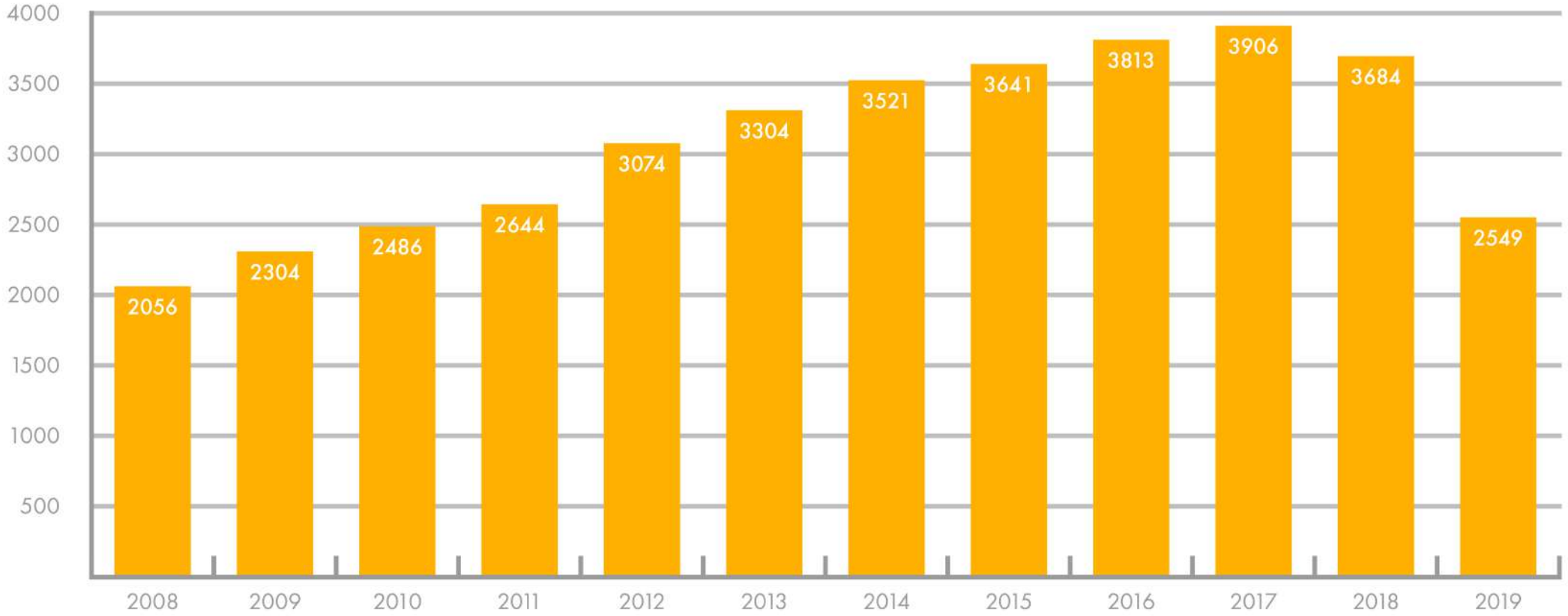


MOUNTAIN LION TAGS TOTAL AND OVER THE COUNTER



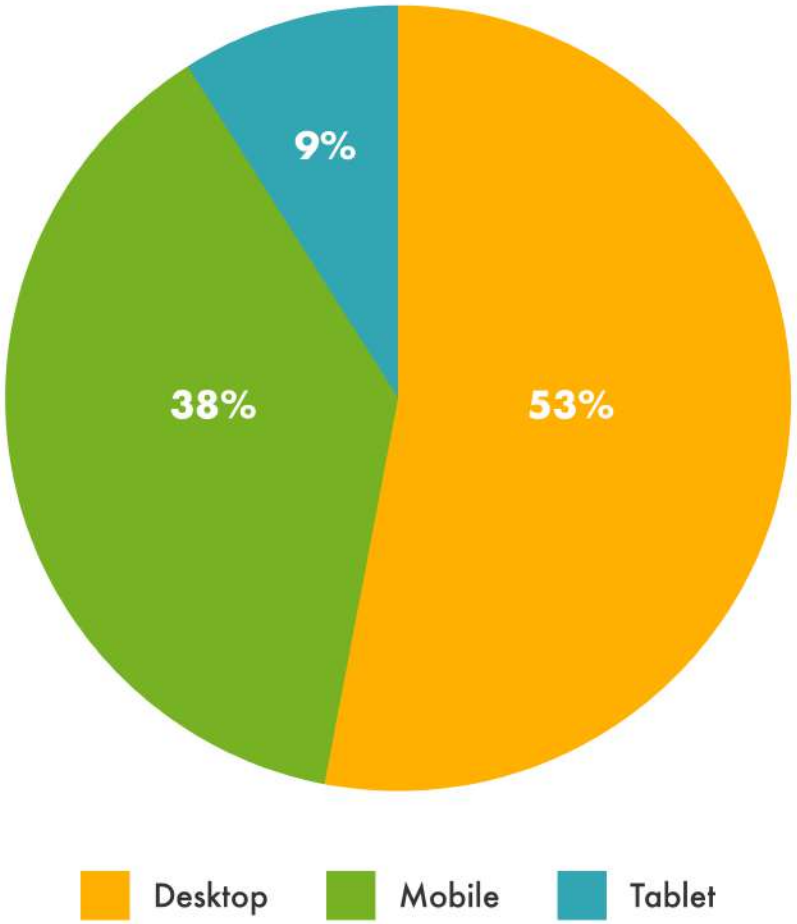
Date current as of August 5th, 2019

MOUNTAIN LION TAGS BY YEAR

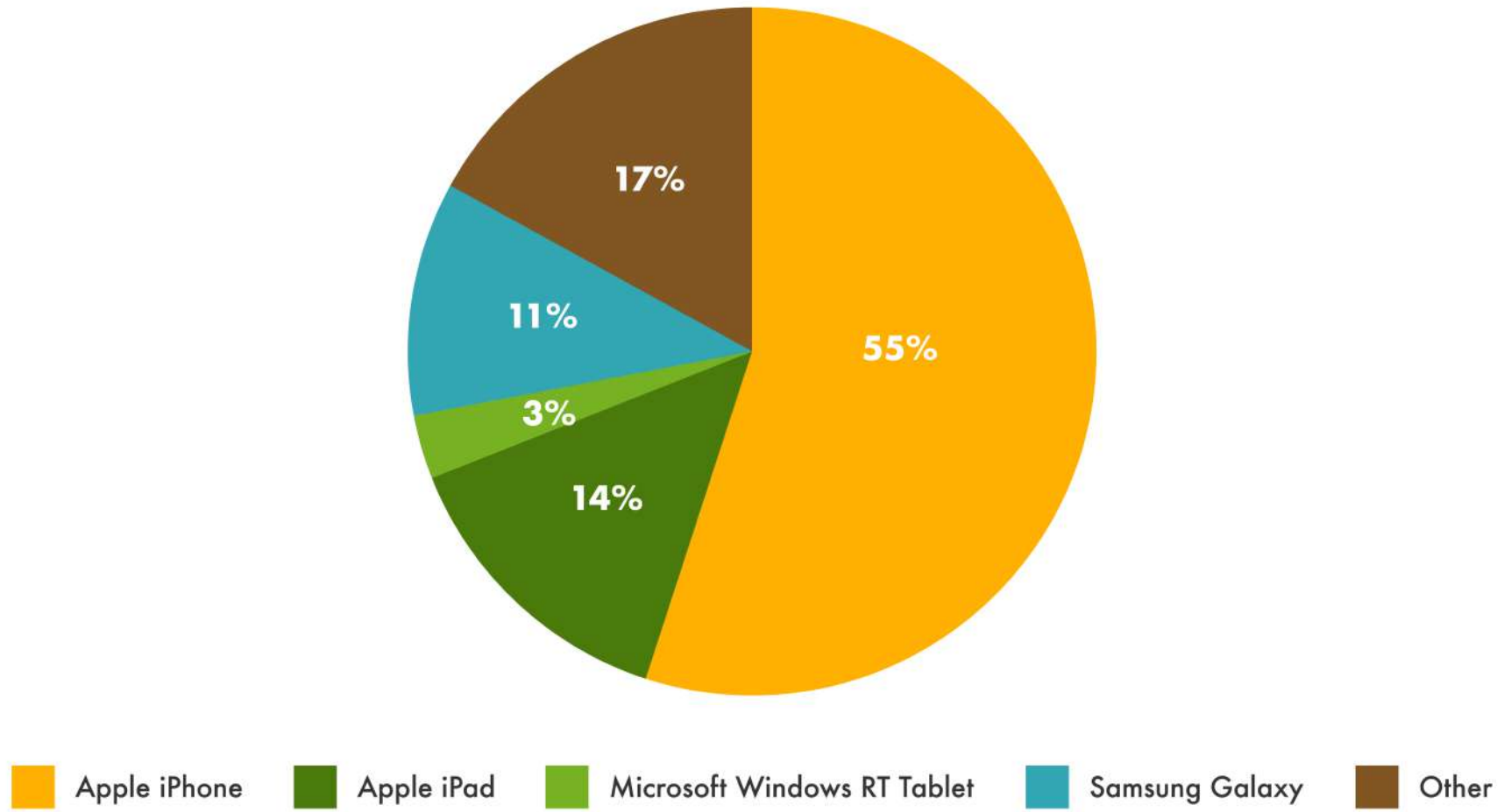


Date current as of August 5th, 2019

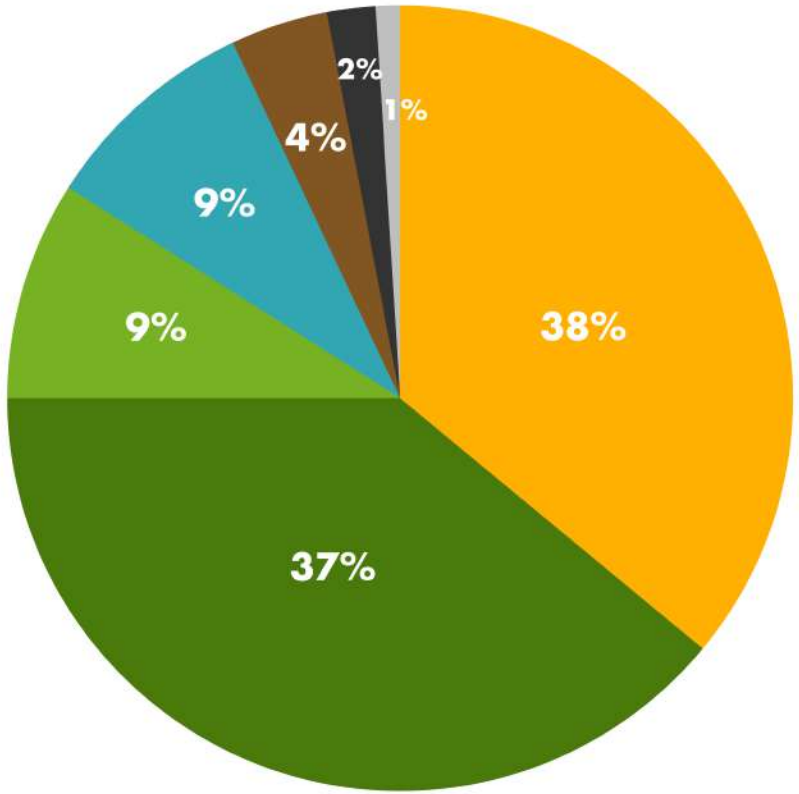
DESKTOP VS MOBILE BREAKDOWN



MOST USED MOBILE DEVICES



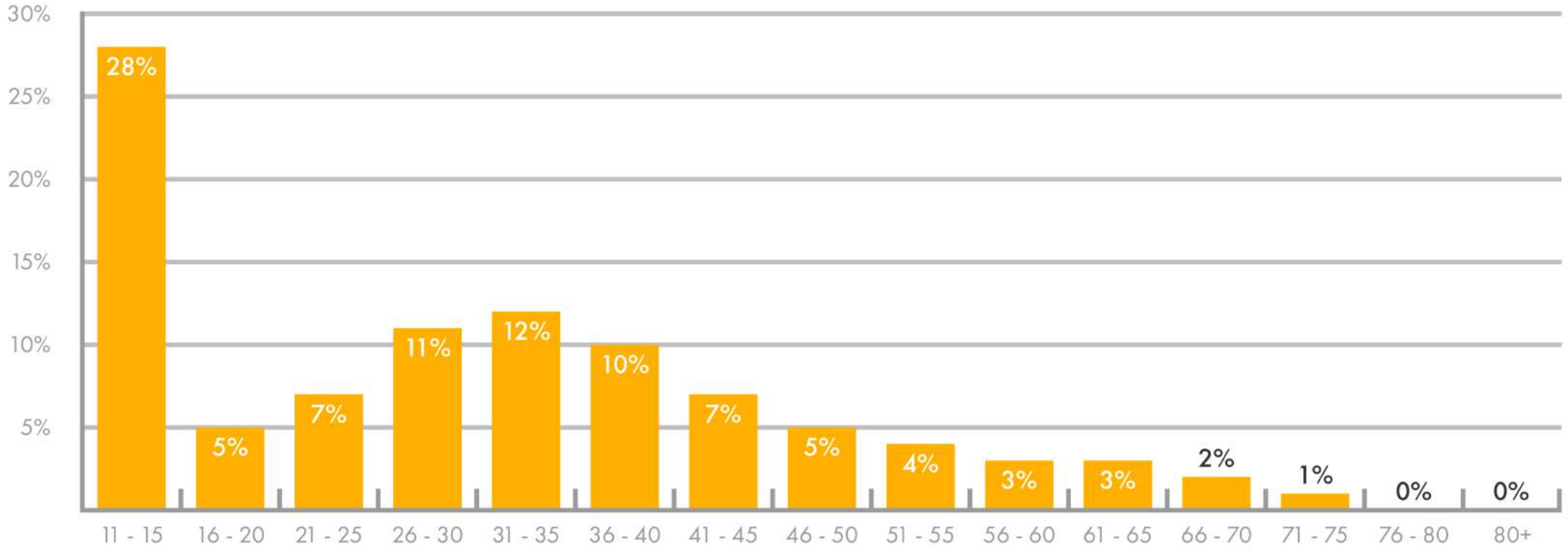
BROWSER USED



NEW CUSTOMERS

BRAND NEW CUSTOMERS

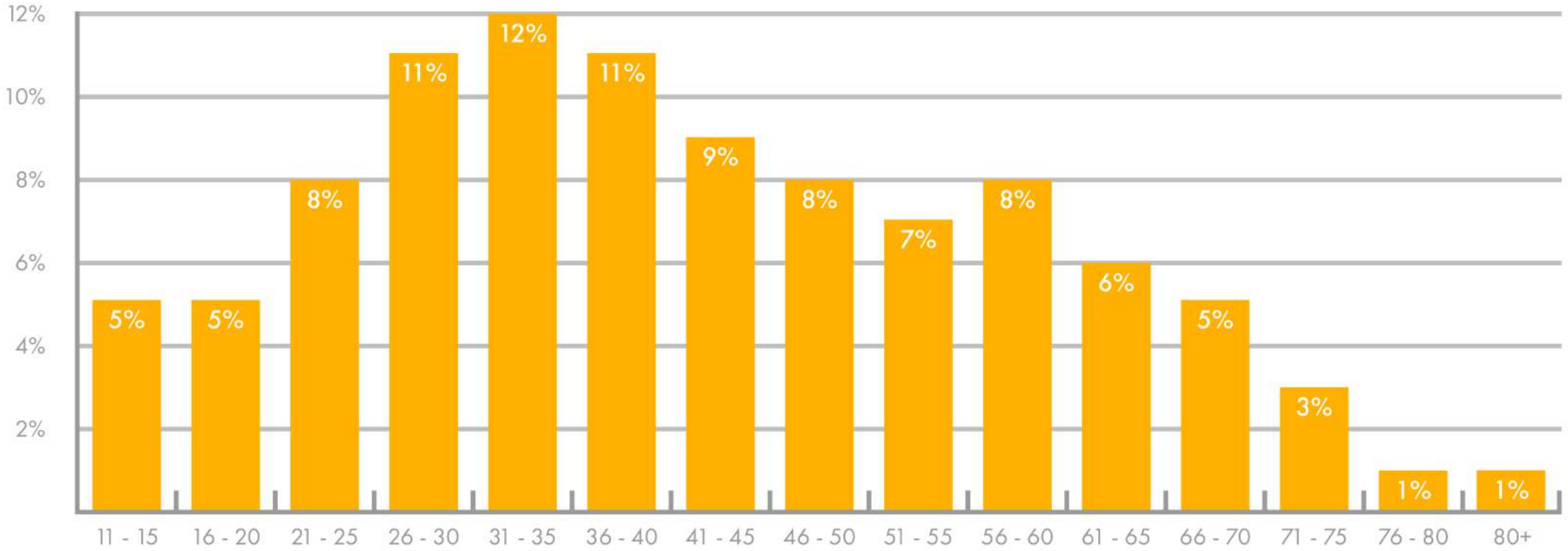
Total: 4,403



New Customers:
Resident = 2,119
Nonresident = 2,284

REACTIVATED CUSTOMERS

Total: 9,699

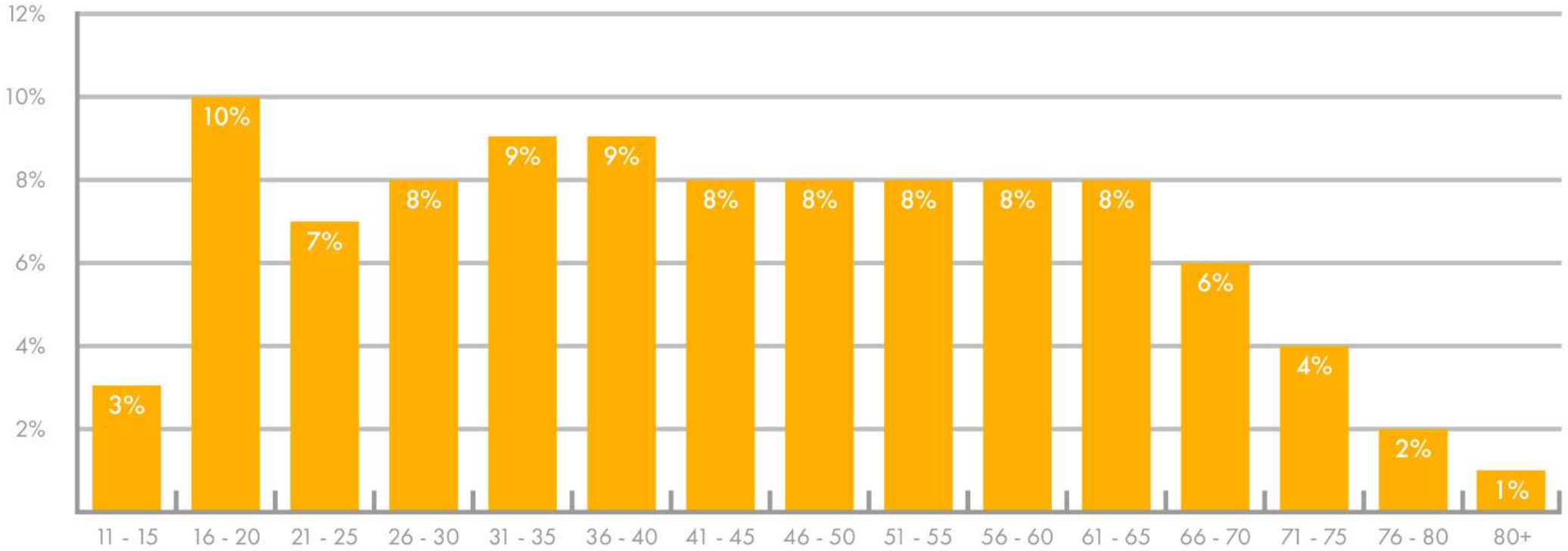


83% MALES

17% FEMALES

LOST CUSTOMERS

Total: 9,744



82% MALES

18% FEMALES

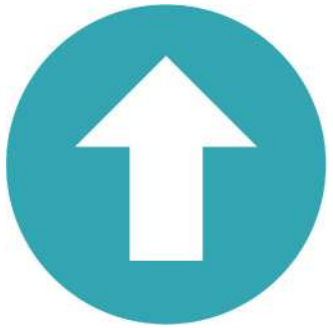
CUSTOMER PREFERENCES TREND

Criteria	% of customers
Customers who want their information to be shared.	8%
Customers who want their information to be kept private.	92%
Customers who want their draw results on the list.	54%
Customers who want to keep their draw results private.	46%

AUTO RENEWALS

2018 RENEWALS
52,589

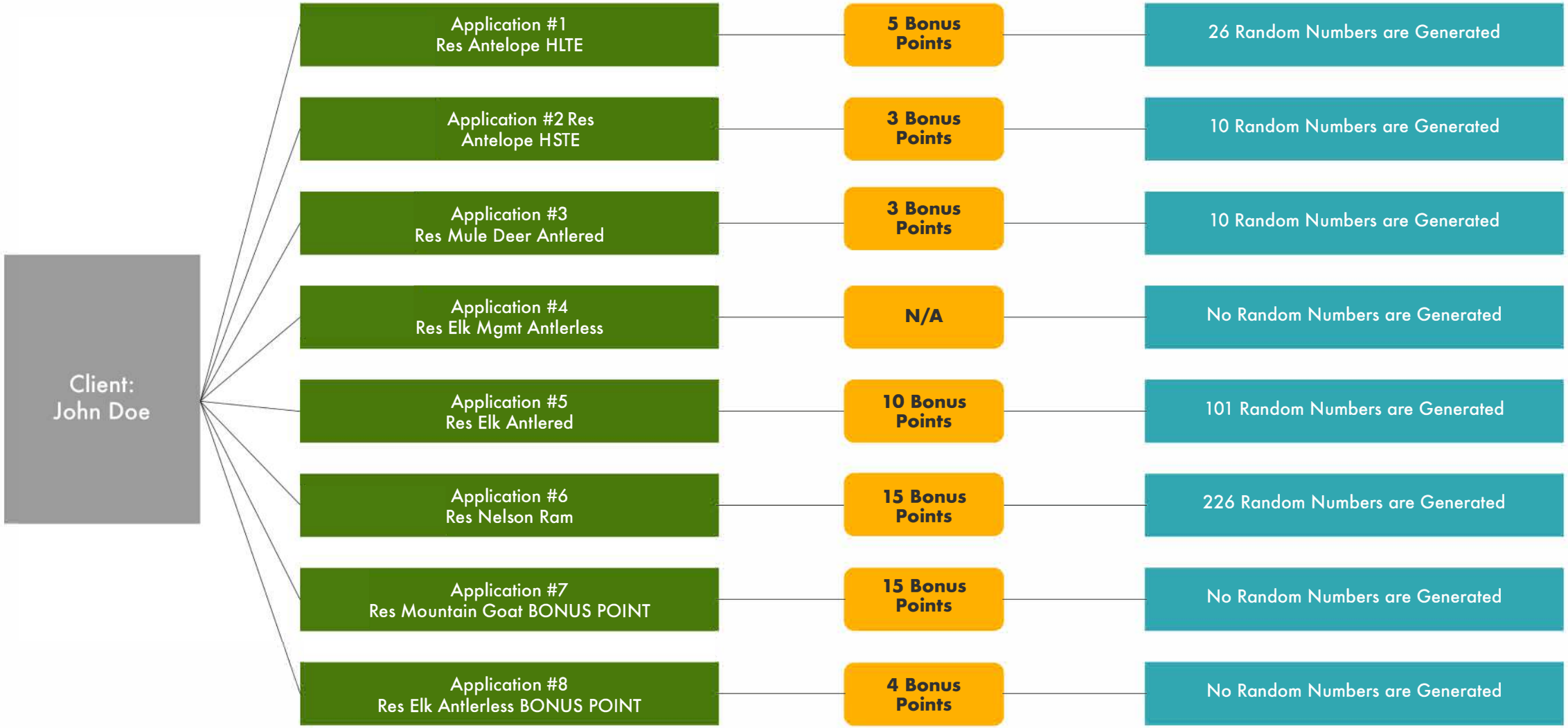
2019 RENEWALS
59,212



CHANGE %
13

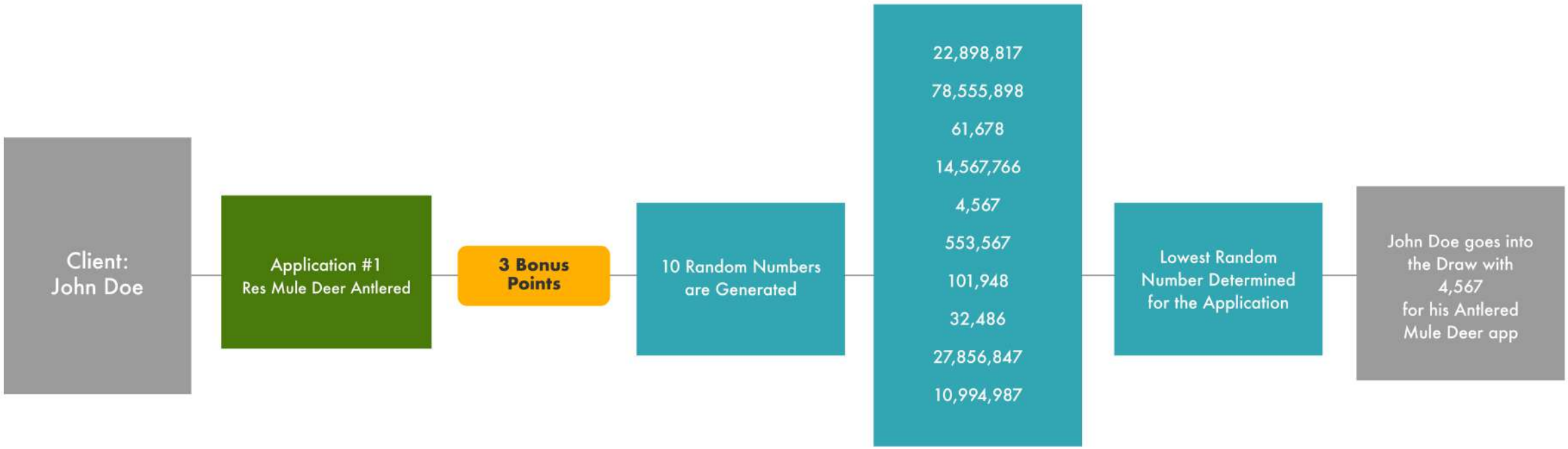
Licenses and Registrations

2018	2019	Change
Boating: 37,095	Boating: 39,106	Boating: 5%
Hunting: 82,243	Hunting: 87,106	Hunting: 6%
Fishing: 105,417	Fishing: 108,122	Fishing: 3%



Random numbers are generated using the Knuth Linear Congruential Sequence

$$X_{n+1} = aX_n + c \pmod{m}$$

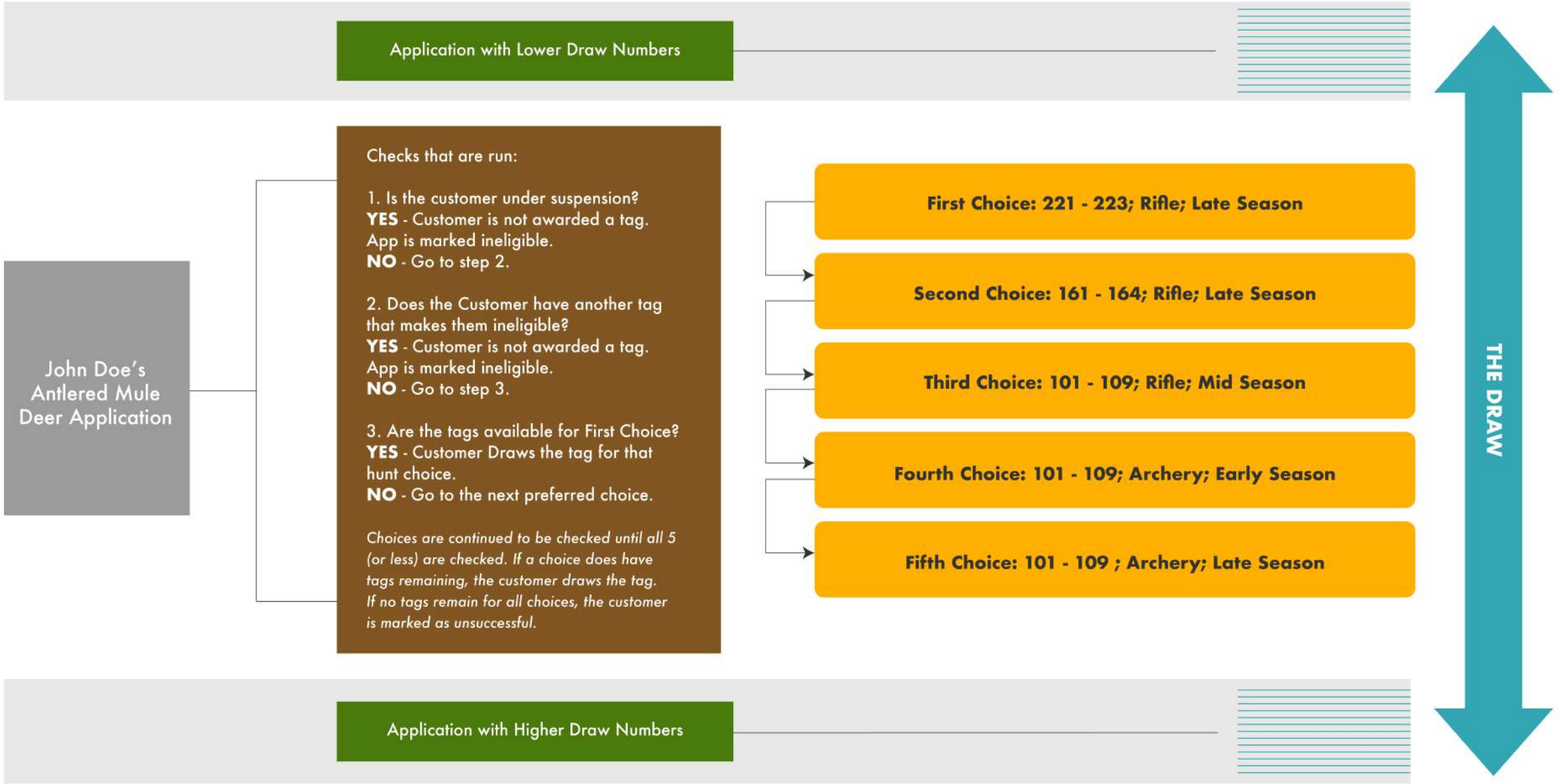

Client:
John Doe
Application #1
Res Mule Deer Antlered
3 Bonus Points
10 Random Numbers are Generated
22,898,817
78,555,898
61,678
14,567,766
4,567
553,567
101,948
32,486
27,856,847
10,994,987
Lowest Random Number Determined for the Application
John Doe goes into the Draw with 4,567 for his Antlered Mule Deer app

As described in the previous slide, all applications are assigned random numbers based on bonus points. Each application gets it own set of random numbers and from that set, the lowest draw number is determined.

Hunter	Application	Lowest Draw Number for that Application
John Doe	Res Antelope HLTE	624,080
John Doe	Res Antelope HSTE	27,872
John Doe	Res Mule Deer Antlered	4,748
John Doe	Res Elk Mgmt Antlerless	No Random Number is Generated
John Doe	Res Elk Antlered	45,829,821
John Doe	Res Nelson Ram	99,827,001
John Doe	Res Mountain Goat BONUS POINT	Does not go into Draw
John Doe	Res Elk Antlerless BONUS POINT	Does not go into Draw

All applications for all customers are then ordered in draw number order. No preference is given to species. Here are the lowest random numbers for the 2019 Draw.

Client ID	First Name	Last Name	Product Name	Status	Lowest Random Number
Redacted	Redacted	Redacted	Res Black Bear Either Sex	Awarded	3
Redacted	Redacted	Redacted	Res Nelson (Desert) Bighorn Sheep Any Ram	Awarded	7
Redacted	Redacted	Redacted	Res Nelson (Desert) Bighorn Sheep Any Ram	Awarded	9
Redacted	Redacted	Redacted	Res California Bighorn Sheep Any Ram	Awarded	14
Redacted	Redacted	Redacted	Res California Bighorn Sheep Any Ram	Awarded	15
Redacted	Redacted	Redacted	NR Elk Antlered	Awarded	27
Redacted	Redacted	Redacted	Res Nelson (Desert) Bighorn Sheep Any Ram	Awarded	35
Redacted	Redacted	Redacted	Res Nelson (Desert) Bighorn Sheep Any Ram	Awarded	64
Redacted	Redacted	Redacted	Res California Bighorn Sheep Any Ram	Awarded	103
Redacted	Redacted	Redacted	NR Mule Deer Antlered	Awarded	126
Redacted	Redacted	Redacted	Res Mountain Goat Either Sex	Awarded	137
Redacted	Redacted	Redacted	NR Mule Deer Antlered	Awarded	172
Redacted	Redacted	Redacted	NR California Bighorn Sheep Any Ram	Awarded	177
Redacted	Redacted	Redacted	NR California Bighorn Sheep Any Ram	Awarded	183
Redacted	Redacted	Redacted	Res Rocky Mountain Bighorn Sheep Any Ram	Awarded	194


Application with Lower Draw Numbers
John Doe's Antlered Mule Deer Application
Checks that are run:
1. Is the customer under suspension?
YES - Customer is not awarded a tag. App is marked ineligible.
NO - Go to step 2.
2. Does the Customer have another tag that makes them ineligible?
YES - Customer is not awarded a tag. App is marked ineligible.
NO - Go to step 3.
3. Are the tags available for First Choice?
YES - Customer Draws the tag for that hunt choice.
NO - Go to the next preferred choice.
Choices are continued to be checked until all 5 (or less) are checked. If a choice does have tags remaining, the customer draws the tag. If no tags remain for all choices, the customer is marked as unsuccessful.
First Choice: 221 - 223; Rifle; Late Season
Second Choice: 161 - 164; Rifle; Late Season
Third Choice: 101 - 109; Rifle; Mid Season
Fourth Choice: 101 - 109; Archery; Early Season
Fifth Choice: 101 - 109 ; Archery; Late Season
Application with Higher Draw Numbers
THE DRAW