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# The Questions

## What do fans like about winners of the show?

Are winners selected based on talent?

Are there other factors at play?

Are contestants more likely to win if they have a particular talent?

## Our Process:

Due to our small sample size, and because as many of you may know, correlation does not imply causation, we are not predicting how future seasons may play out, but looking at how the past seasons have worked.

## Review:

As talent is hard to quantify, and lacking a metric to use in this scope, we have omitted that question at this time.

We have sought to look at the factors in play over past seasons and what trends there may be there.

We've gathered contestant talent information and have seen some trends. However without expanding our scope to include runners up in our study its hard to draw any strong conclusions.

# The Winners

Over the years Americas Got talent has had many different winners, we've gathered information on those winners to help understand if there are any influencing factors at play when it comes to who is winning.

## AGT Winner Info:

Season	Name	Talent	Age	Sex
Season 13:	Shin Lim	Magician	26	M
Season 12:	Darci Lynne Farmer	Ventriloquist	12	F
Season 11:	Grace VanderWaal	Singer	12	F
Season 10:	Paul Zerdin	Ventriloquist	42	M
Season 9:	Mat Franco	Magician	25	M
Season 8:	Kenichi Ebina	Dancer	38	M
Season 7:	Olate Dogs	Dog Trick Team	55 19	MM
Season 6:	Landau Eugene Murphy Jr	Singer (Jazz)	36	M
Season 5:	Michael Grimm	Singer (Guitarist)	30	M
Season 4:	Kevin Skinner	Singer (Guitarist)	35	M
Season 3:	Neal E. Boyd	Singer (Opera)	32	M
Season 2:	Terry Fator	Ventriloquist	42	M
Season 1:	Bianca Ryan	Singer	11	F

One of the initial trends we noticed was a tendency for the shows winner to be a singer in early seasons, that trend seems to have dropped of as the show has gone on. One of our possible explanation for this tendency was the prevalence of shows like American Idol, and The Voice which showcased singing talent. We think that over the years its possible that potential auditioning talent realized that Americas Got Talent wasn't just another singing show but that it could be a platform for their talent as well.





# Findings

Over the past 13 Seasons of Americas Got Talent there have been 14 winners, that's due to the Season 7 winners that were a group act, the Olate Dog trick team.

## Notable Stats and Figures:

**21% of Winners are Female**

**79% of Winners are Male**

**21.4% Under the age of 18**

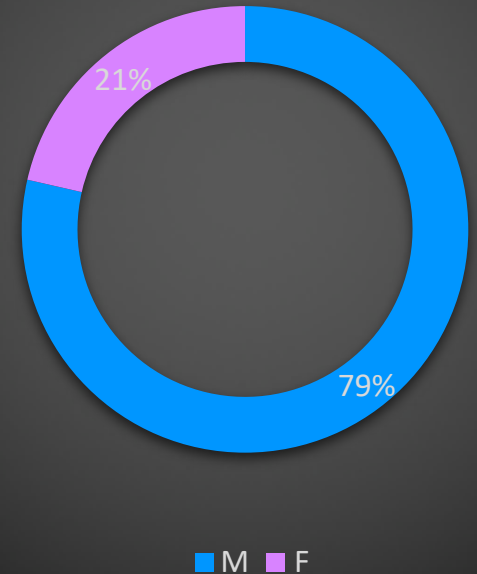
**Youngest Winner 11**

**Oldest Winner 55**

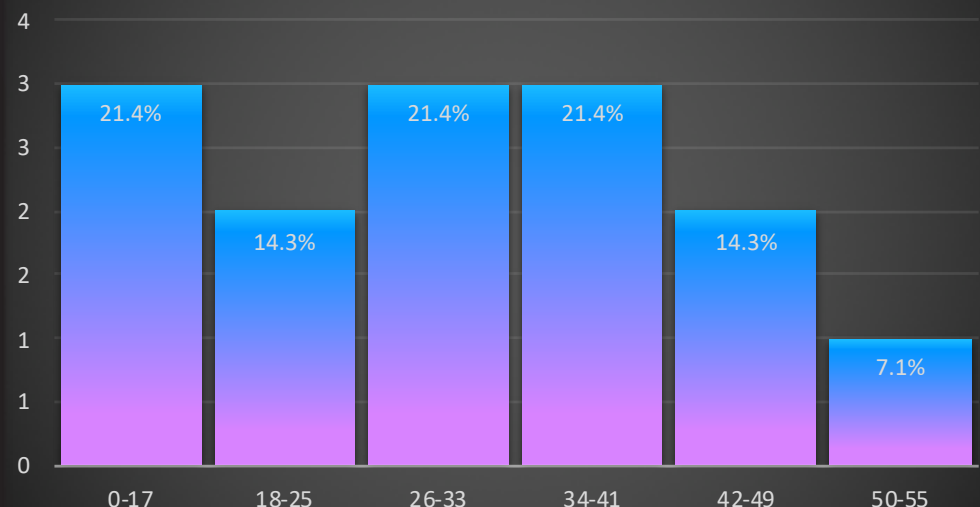
Where these numbers might show interesting information is when we realise that all of our winners under the age of 18 are exclusively female, and that all our female winners are under the age of 18. Assuming the runners up were about as good as the winners this data might not stay the same if we included them, but nonetheless it's an interesting trend we've seen.

Another point of interest is when we separate age groups by 8 year increments we have the beginnings of a normal curve distribution when we exclude minors.

## Male To Female Winners



## Winners Ages



# Findings Continued

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Season 13:	Shin Lim	Magician	26	M

When we looked at the winning contestants talents over the course of the show a few things stood out. The first being that.

## 46.2% of winning acts were singers

however when we look at the winner info chart we can see that many of those singers were winners early in the shows history. As we brought up earlier this trend in singers being winners could go back to the prevalence of shows like The Voice and American Idol.

The other noticable points are the next most popular talent among our winners.

## 23.1% were ventriloquists

## 15.4% were magicians

## Winning Talents

