

INTRODUCTION

- ❖ The world is engrossed in the lives of celebrities. With that, the level of publicly available information is high.
- ❖ Previous research has presented correlations between celebrity status and admittance to a substance abuse rehabilitation program.
- ❖ The authors compared famous people from various industries such as actors, musicians, and athletes to compare admittance rates.

PURPOSE

The purpose of this study was to better understand the trends in substance abuse rehabilitation admittance among celebrities from 2005 to 2020.

HYPOTHESES

- ❖ There is a positive correlation between a person's age of entering an industry, gaining celebrity status and the age of admittance to rehabilitation facilities.
- ❖ Men who have gone to rehabilitation centers are more likely to die of substance abuse than women.
- ❖ Women who go to rehabilitation centers are younger than the men who go to rehabilitation centers.



Lindsay Lohan did 250 days in an inpatient rehabilitation facility in 2005

Celebrity Name	Industry Category	Celebrity Name	Industry Category
Zac Effron	Actor	Amy Winehouse	Musician
Diemi Lovato	Multi	Keith Urban	Musician
Amanda Bynes	Actress	Kim Richards	Actress
Elizabeth Vargas	Other	Eric Dane	Actor
Lindsay Lohan	Multi	Brittney Spears	Musician
Cory Monteith	Actor	Charlie Sheen	Actor
Lisa Robin Kelly	Actress	Mike Sorrentino	Other
Chief Keef	Musician	Mel Gibson	Actor
Farah Abraham	Multi	Scott Disick	Other
Lamar Odom	Athlete	Ronnie Ortiz-Magro	Other
Oscar de la Hoya	Athlete	Bam Margera	Multi
Brooke Mueller	Actress	David Arquette	Actor
Ben Affleck	Actor	Eva Mendes	Actress
Luann de Lesseps	Other	DMX	Musician
Aaron Carter	Musician	Boy George	Musician
Heather Locklear	Actress	Leif Garrett	Multi
Jon Hamm	Actor	Derek Boogaard	Athlete
Liza Minnelli	Multi	Jon Jones	Athlete
Gerard Butler	Actor	Josh Gordon	Athlete
Chaka Kahn	Musician	Johnny Manziel	Athlete
Chevy Chase	Multi	Shia LaBeouf	Actor
Kit Harrington	Actor	Ben Cousins	Athlete
Melanie Brown	Multi	Robin Williams	Actor
Miguel Cabrera	Athlete		

Celebrities in Rehab: Who is more at risk?

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METHOD

- ❖ **Participants**
 - N=47 celebrities, 18+ years old, who have had at least one admittance to a substance abuse rehabilitation program between 2005-2020
- ❖ **Materials**
 - To gather the participants, various queries were placed using google leading to various websites including but not limited to
 - Wikipedia,
 - webmd.com
 - usmagazine.com
 - drugabuse.com
 - newsday.com
 - PerezHilton.com
- ❖ **Design/Procedure**
 - Using various websites to confirm celebrity status
 - then confirming that the reason for entering rehabilitation facilities was the abuse of substances

- ❖ **Data Analysis**
 - This research study used a combination of correlational analysis and independent samples *t*-tests to analyze data

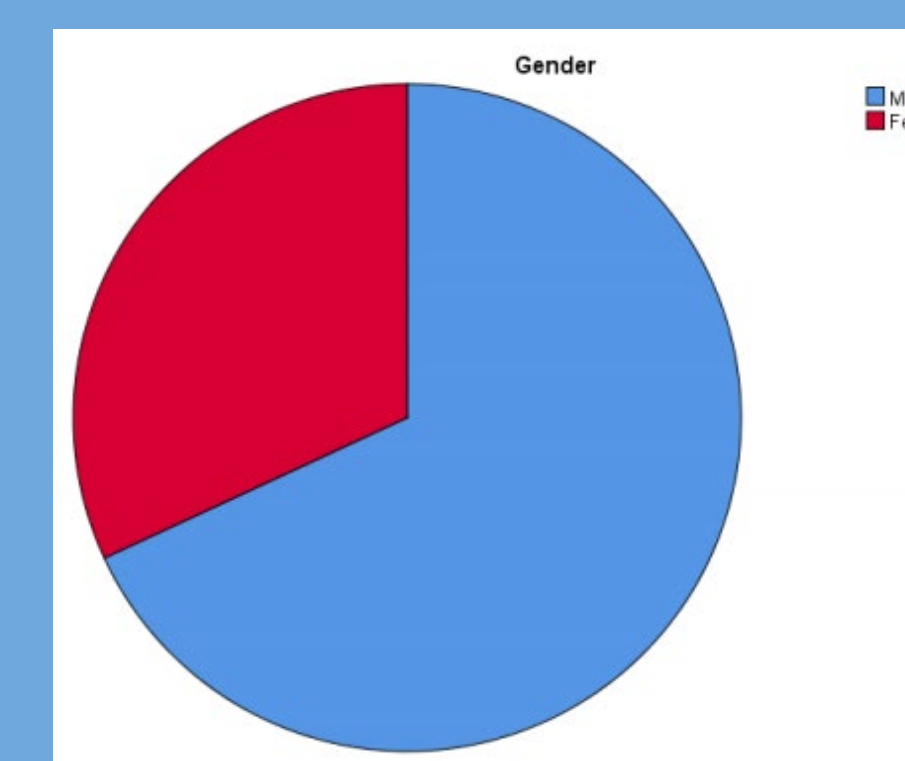
Descriptive Statistics

Age upon obtaining fame	M= 18.38	SD= 7.89
Age of Admittance	M= 37.89	SD= 12.92
Gender	Male= 32	Female= 15
Death	Male= 2	Female= 2

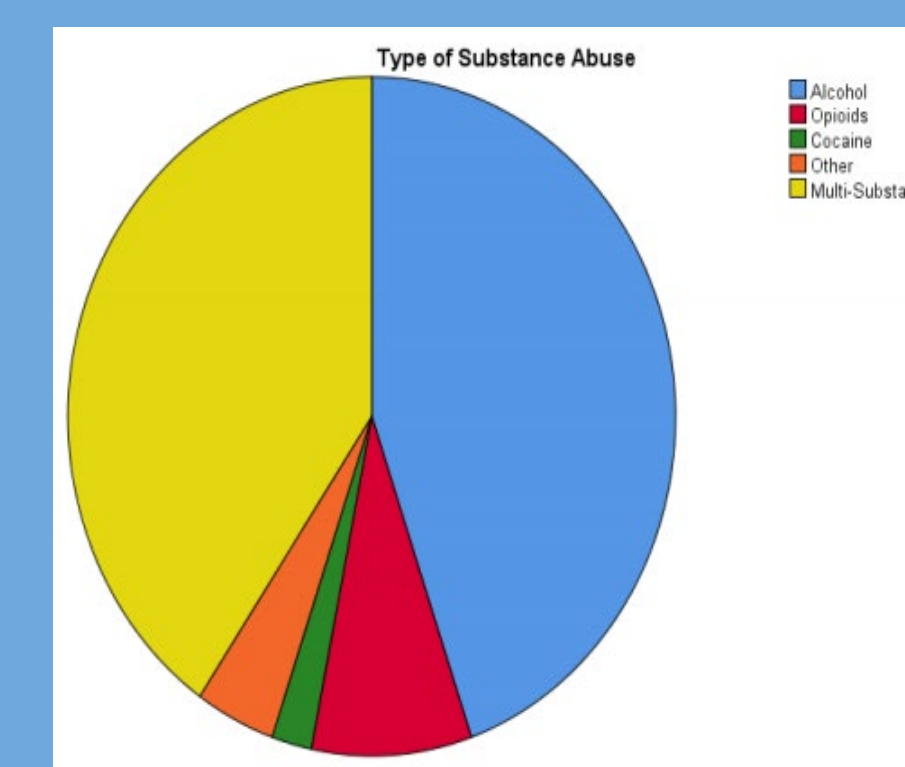
We also found that celebrities enter the industry in their adolescence to early adulthood, (mean = 18.38, SD = 7.90, range from 3-43). The mean age of being admitted into rehabilitation is 37.89, SD= 12.9), about 20 years later.

RESULTS

- ❖ **Hypothesis 1:** There was *no* statistically significant correlation between age of entering into an industry as a celebrity and age of admittance to rehabilitation centers
 - $r = .131, p = .38, n.s.$
- ❖ **Hypothesis 2:** Women were more likely to die from substance abuse than men. Three out of the four deaths were caused by poly-substances and the fourth death was caused by opioids.
 - 2 of 32 men died; 2 of 15 women died
- ❖ **Hypothesis 3:** There was *no* significant difference between age entering rehabilitation centers and gender. Females seemed to be older, mean = 39.7, SD = 16 than men, mean = 37.1, SD = 11.4 upon admittance; $t(45) = -.64, p = .52, n.s.$



Men make up a larger number of rehabilitation admittances than women.

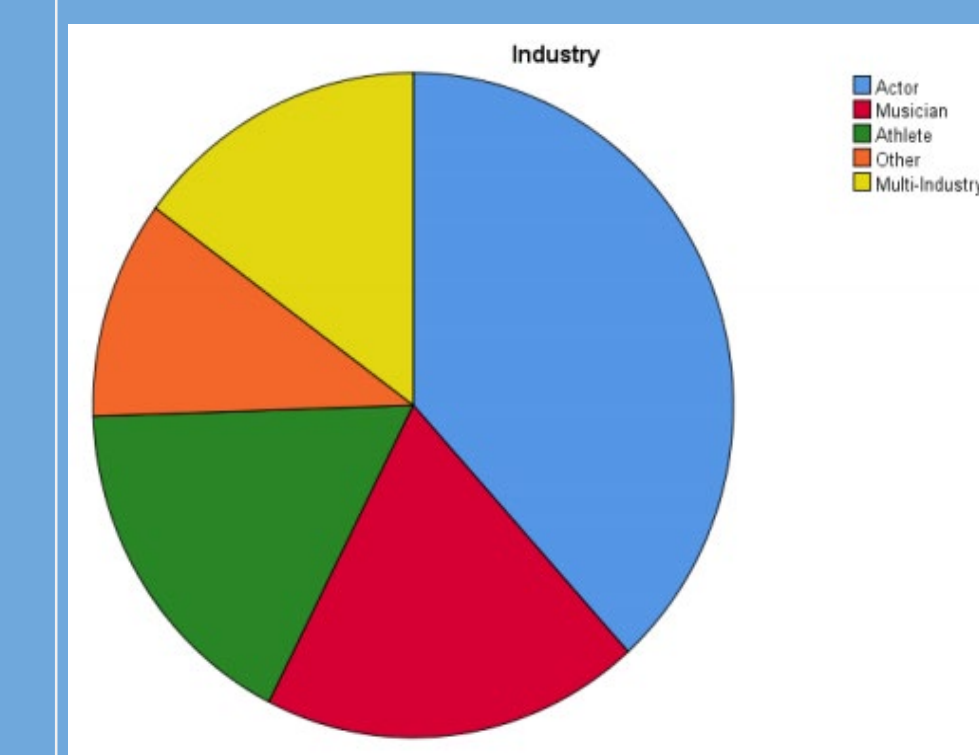


A majority of cases involved the use of multiple substances versus one specific substance



DISCUSSION

- ❖ Celebrities enter the industry as adolescents or barely adults, and about 20 years later, they are admitted to rehab.
- ❖ Results show that there are no significant correlations when it comes to the use of rehabilitation for substance abuse and age in which someone obtains celebrity status.
- ❖ Women were more likely to die from substance abuse than men.
- ❖ Actors made up most of rehab admittances.
- ❖ Majority of celebrities used multiple substances as opposed to one specific substance.
- ❖ 10 Celebrities reported mental disorders
 - Depression (5)
 - Eating Disorders (2)
 - Bipolar Disorder (3)
 - Anxiety (5)
 - 2 or more disorders (5)
- ❖ Results of this study open the door for further research to go into the specifics of the trending substance abuse in the world of celebrities.



While previous research shows that the music industry had more deaths related to substance abuse, data showed that actors made up more of Rehabilitation admittances; this may be indicative of change in the celebrity culture. (Just, Bleckwenn, Schnackenberg, Skatulla, and Weckbecker, 2016.)

LIMITATIONS

- ❖ The study only accounted for those admitted to inpatient services.
- ❖ Availability of information to the public



Just, J. M., Bleckwenn, M., Schnackenberg, R., Skatulla, P., & Weckbecker, K. (2016). Drug-related celebrity deaths: A cross-sectional study. *Substance Abuse Treatment, Prevention, and Policy*, 11(1). <https://doi.org/10.1186/s13011-016-0084-z>