

The background is a dark, almost black, space filled with intricate, glowing patterns. These patterns consist of numerous thin, curved lines that flow and swirl across the frame, creating a sense of movement and depth. Interspersed among these lines are many small, bright white dots and larger, fainter circular bokeh-like shapes. Some of the dots have a four-pointed starburst effect, giving them a sparkling appearance. The overall effect is reminiscent of a cosmic nebula, a data visualization of complex systems, or perhaps a microscopic view of a fluid or plasma. The lighting is soft and ethereal, with the glowing elements providing the primary source of illumination against the dark backdrop.

Sonia

Data Set Analysis and Visualization

Referencing The Data Sources

In this presentation, I have used two (2) different data sets;

➤ Video Games Global Sales in Volume (1983 - 2017)

The Video Games Global Sales has a list of video games produced and sold between 1983-2017 and this data set will be visualized using the Power BI tool.

[Video Games Global Sales in Volume \(1983-2017\)](#)

➤ Calgary Emergency Shelters Daily Occupancy

The Calgary emergency shelters data set reports details on the list of organizations along side the different types of shelters they provide for the homeless and also shows the capacity of these centers.

This data set contains information from the year 2013 to the year 2021 and these information will be visualized using tableau tool.

[Calgary Emergency Shelters Daily Occupancy |Open Calgary](#)

With the Video Games Global Sales Data, I wanted to know the following:

1. Which Genre of games had the highest sales in North America between 2010-2017?
2. What were the top 3 action games that had the highest sales in North America between 2010- 2017?
3. What platform had the highest game play in North America?

Video Games Global Sales Data Filtering with Power BI

Untitled - Power Query Editor

File Home Transform Add Column View Tools Help

Close & Apply Close New Source Recent Sources Enter Data Data source settings Manage Parameters Refresh Preview Properties Advanced Editor Manage Query

Combine Text Analytics Vision Azure Machine Learning AI Insights

Queries [1] vgsalesGlobale

fx = Table.RenameColumns("#Changed Type",{{"NA_Sales", "North America Sales"}},

	rk	Name	Platform	Year
1	1	Wii Sports	Wii	2006
2	2	Super Mario Bros.	NES	1985
3	3	Mario Kart Wii	Wii	2008
4	4	Wii Sports Resort	Wii	2009
5	5	Pokemon Red/Pokemon Blue	GB	1996
6	6	Tetris	GB	1989
7	7	New Super Mario Bros.	DS	2006
8	8	Wii Play	Wii	2006
9	9	New Super Mario Bros. Wii	Wii	2009
10	10	Duck Hunt	NES	1984
11	11	Nintendogs	DS	2005
12	12	Mario Kart DS	DS	2005
13	13	Pokemon Gold/Pokemon Silver	GB	1999
14	14	Wii Fit	Wii	2007
15	15	Wii Fit Plus	Wii	2009
16	16	Kinect Adventures!	X360	2010
17	17	Grand Theft Auto V	PS3	2013
18	18	Grand Theft Auto: San Andreas	PS2	2004
19	19	Super Mario World	SNES	1990
20	20	Brain Age: Train Your Brain in Minutes a Day	DS	2005

Query Settings

PROPERTIES

Name

vgsalesGlobale

APPLIED STEPS

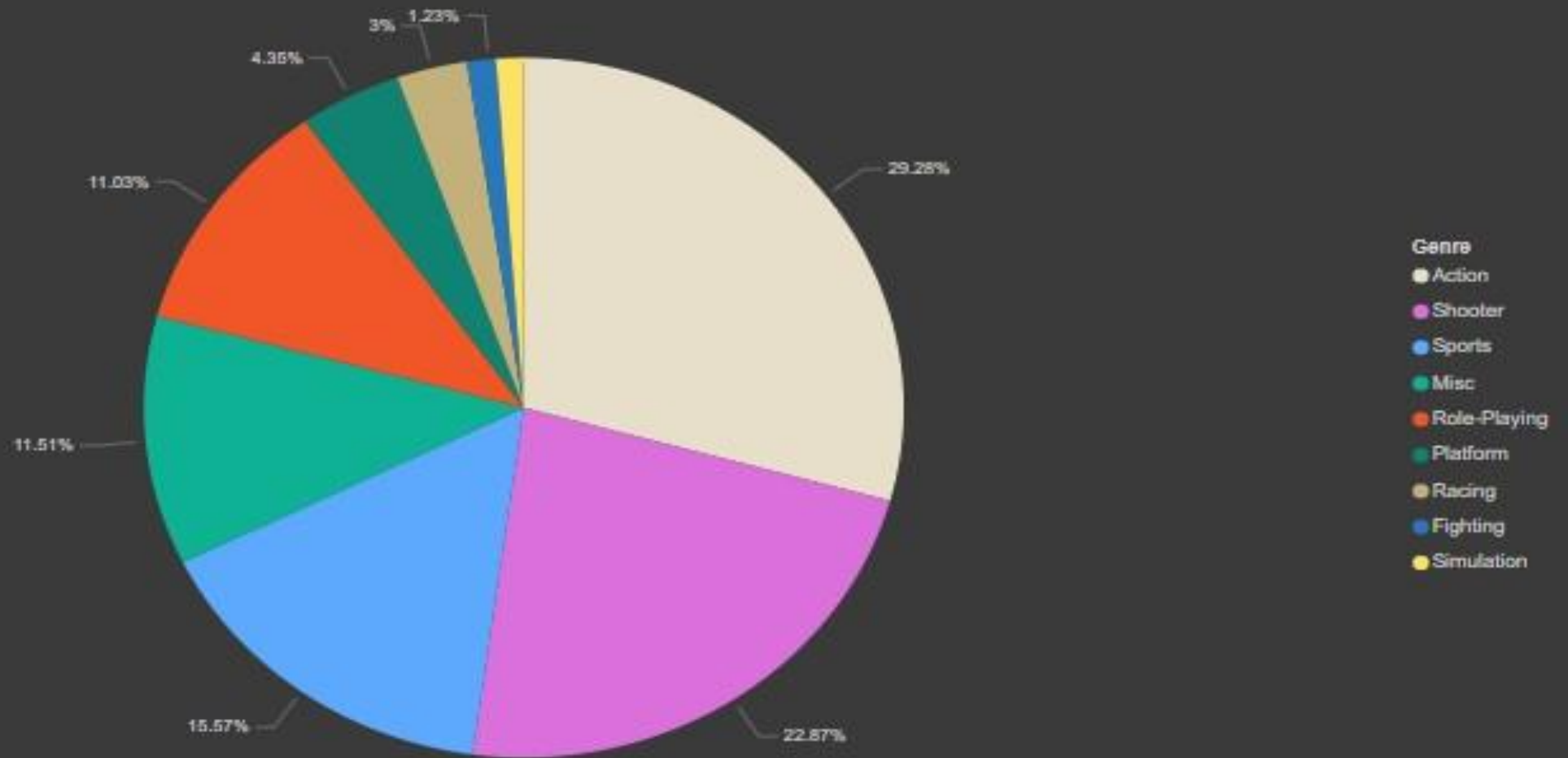
Source

Promoted Headers

Changed Type

Renamed Columns

North America Sales by Genre from 2010-2017

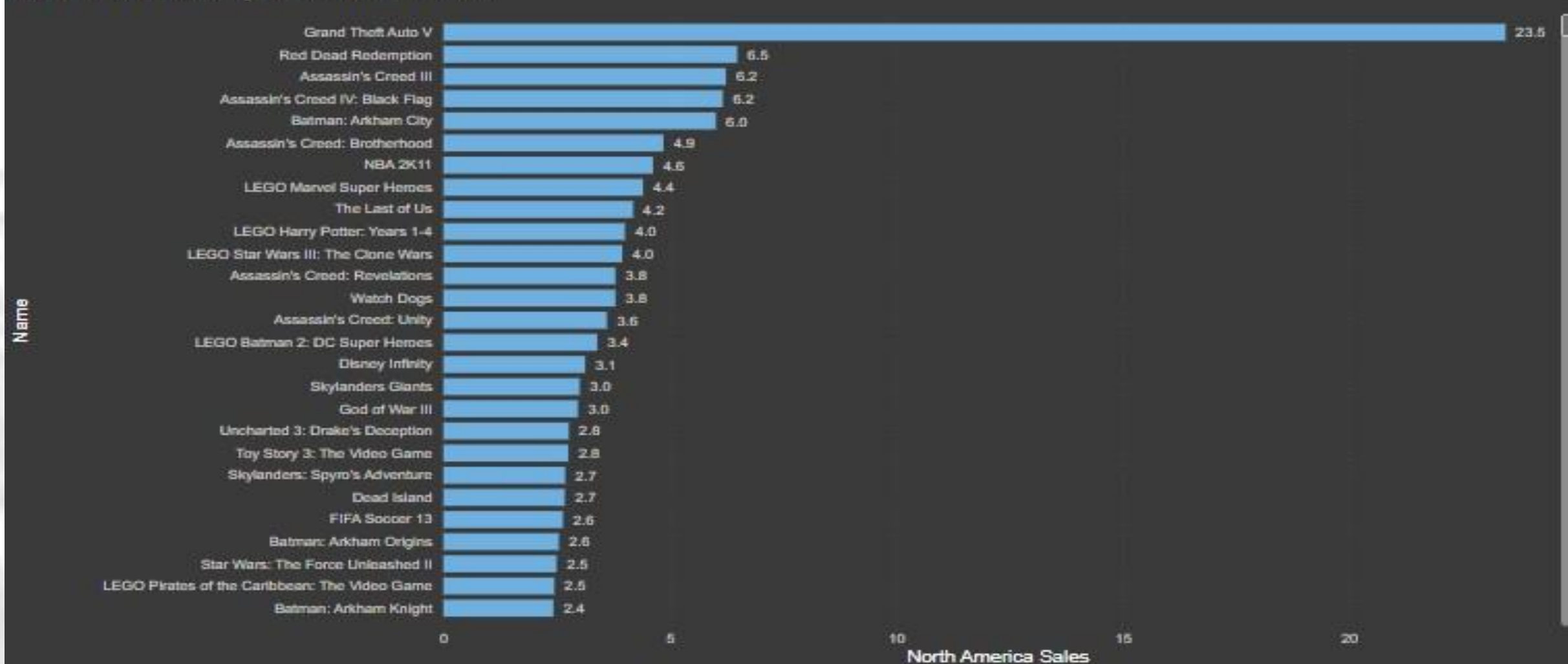


Question: Which Genre of games had the highest sales in North America between 2010-2017?

Answer: Action accounted for 29.28% of North America Sales.

Which was the game genre that had the highest sales in North America Between 2010-2017.

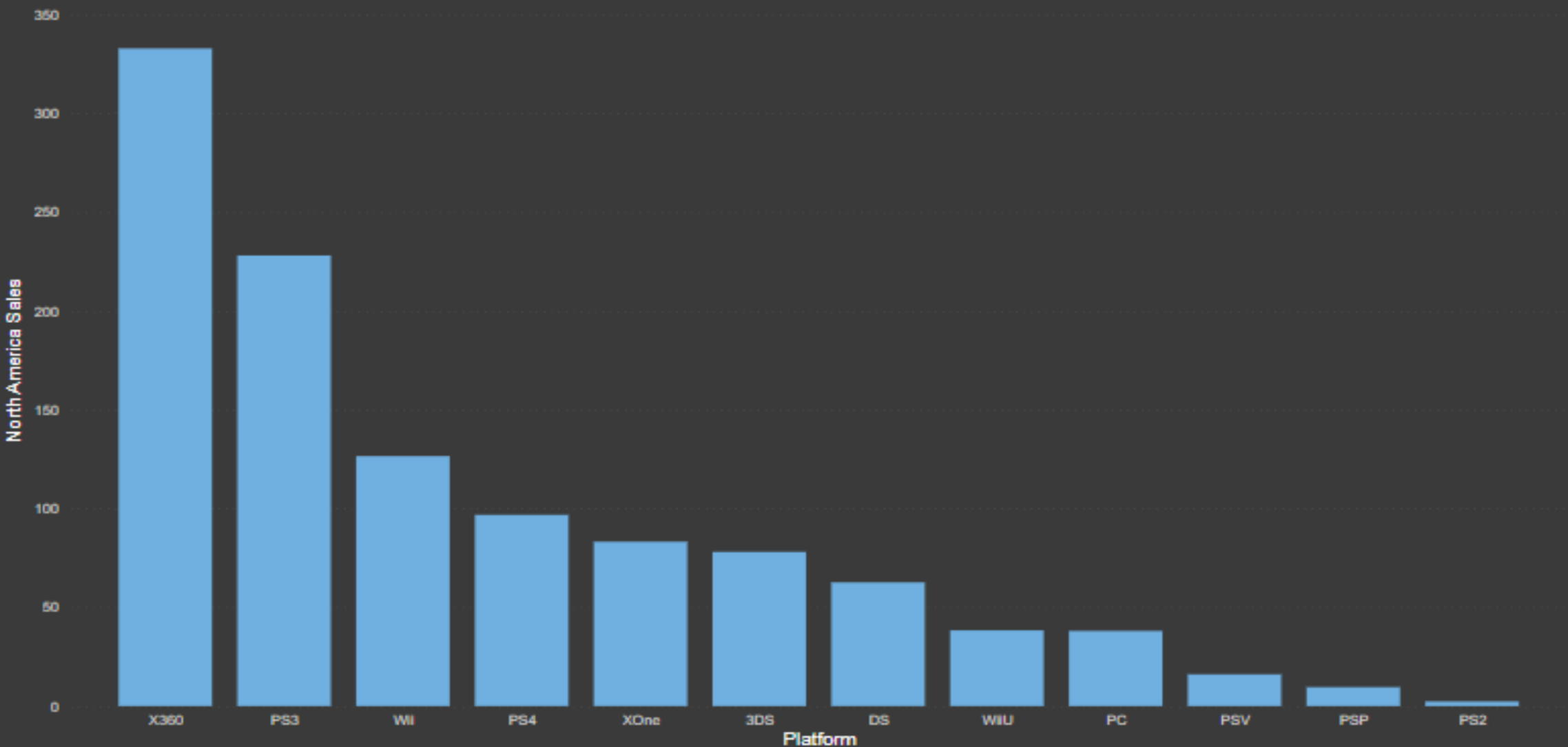
North America Sales by Name from 2010-2017



Question: what were the top 3 action games that had the highest sales in North America between 2010-2017?

Answer: North America Sales was highest for Grand Theft Auto V at 23.46, followed by Red Dead Redemption and Assassin's Creed III.

North America Sales by Platform from 2010 - 2017



Question: What platform had the highest game play in North America?

Answer: X360 had the highest game play in North America.

With Calgary Emergency Shelters Daily Occupancy Data, I wanted to know the following:

1. What organization provided the most number of shelter in year 2021?
2. In what month was the highest number of overnight capacity recorded in the year 2021?
3. What platform had the highest game play in North America?

Calgary_Emergency_Shelters Data set loaded into Tableau in Excel format

Tableau - Book1

File Data Server Window Help

Connections Add

- Calgary_...ccupancy
Microsoft Excel

Sheets ⌵

- Calgary_...ers_Dail
- New Union

Calgary_Emergency_Shelters_Dail (Calgary_Emergency_Shelters_Daily_Occup...

Connection: ☒ Live ☐ Extract

Filters: 0 | Add

Calgary_Emergency_Shelt...

Need more data?
Drag tables here to relate them. [Learn more](#)

Calgary_Emergency_Shelt... 10 fields 53180 rows

Name	Type	Field Name	Physical Table	Rem...
Calgary_Emergency_Shelters_Dail	Date	Date	Calgary!Emergency!S...	Date
	#	Year	Calgary!Emergency!S...	YEAR
	Abc	Month	Calgary!Emergency!S...	MONTH
	Globe	City	Calgary!Emergency!S...	City
	Abc	Shelter Type	Calgary!Emergency!S...	Shelte...
	Abc	Shelter Name	Calgary!Emergency!S...	Shelte...
	Abc	Organization	Calgary!Emergency!S...	Organi...

Calgary!Emergency!Shelters!Dail	Calgary!Emergency!Shelters!Dail	Calgary!Emergency!Shelters!Dail	Calgary!Emergency!Shelters!Dail	Calgary!Emergency!Shelters!Dail	Calgary!Emergency!Shelters!Dail	Calgary!Emergency!Shelters!Dail
Date	Year	Month	City	Shelter Type	Shelter Name	Organization
2013-09-01	2013	Sep	Calgary	Adult Emergency	River Front	Calgary Drop-In Ce
2013-09-01	2013	Sep	Calgary	Adult Emergency	Hillhurst Centre	Calgary Drop-In Ce
2013-09-02	2013	Sep	Calgary	Adult Emergency	River Front	Calgary Drop-In Ce
2013-09-02	2013	Sep	Calgary	Adult Emergency	Hillhurst Centre	Calgary Drop-In Ce
2013-09-03	2013	Sep	Calgary	Adult Emergency	River Front	Calgary Drop-In Ce
2013-09-03	2013	Sep	Calgary	Adult Emergency	Hillhurst Centre	Calgary Drop-In Ce
2013-09-04	2013	Sep	Calgary	Adult Emergency	River Front	Calgary Drop-In Ce
2013-09-04	2013	Sep	Calgary	Adult Emergency	Hillhurst Centre	Calgary Drop-In Ce
2013-09-05	2013	Sep	Calgary	Adult Emergency	River Front	Calgary Drop-In Ce
2013-09-05	2013	Sep	Calgary	Adult Emergency	Hillhurst Centre	Calgary Drop-In Ce

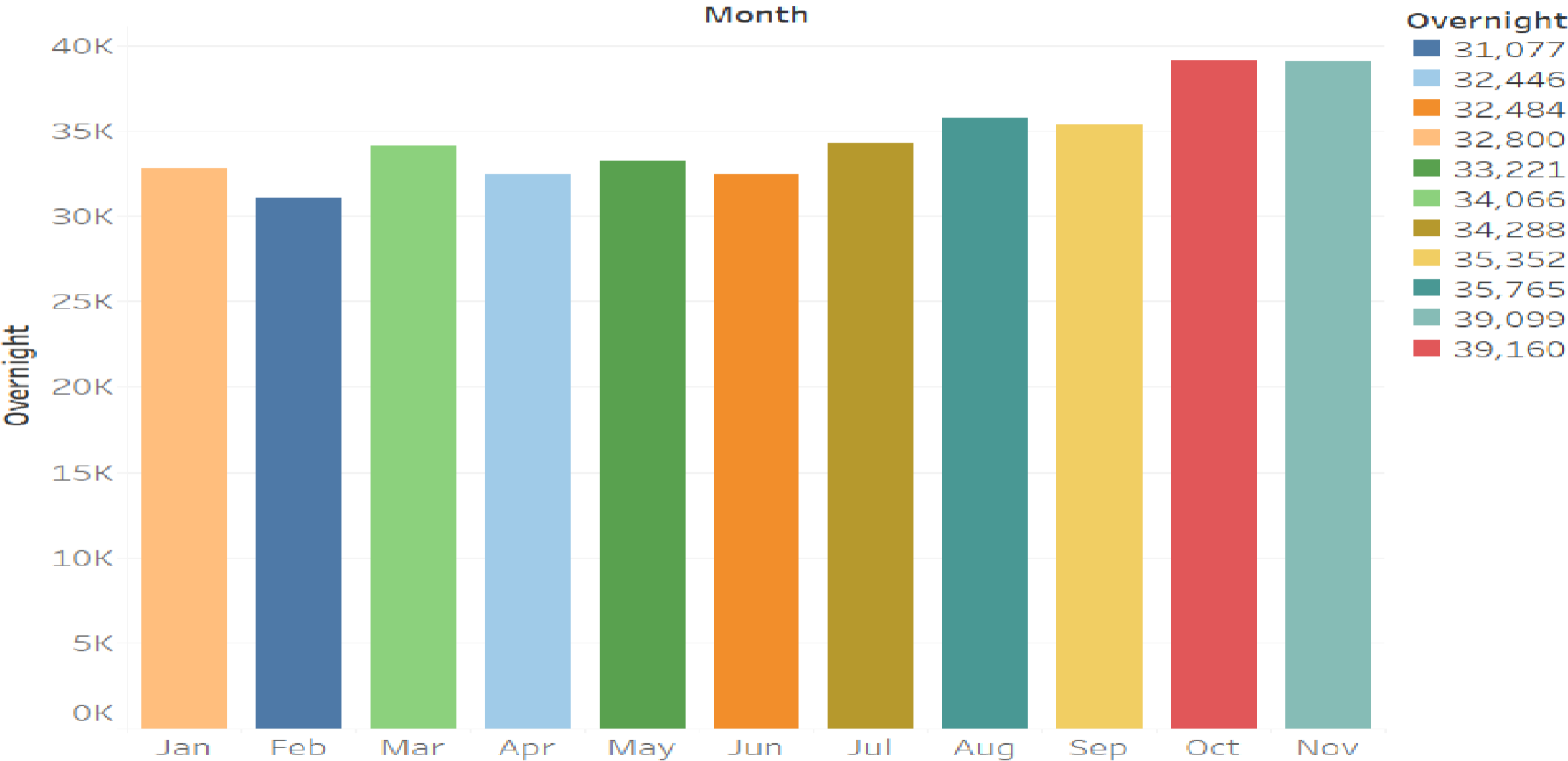
What organization provided the most number of shelters in year 2021?



Organization

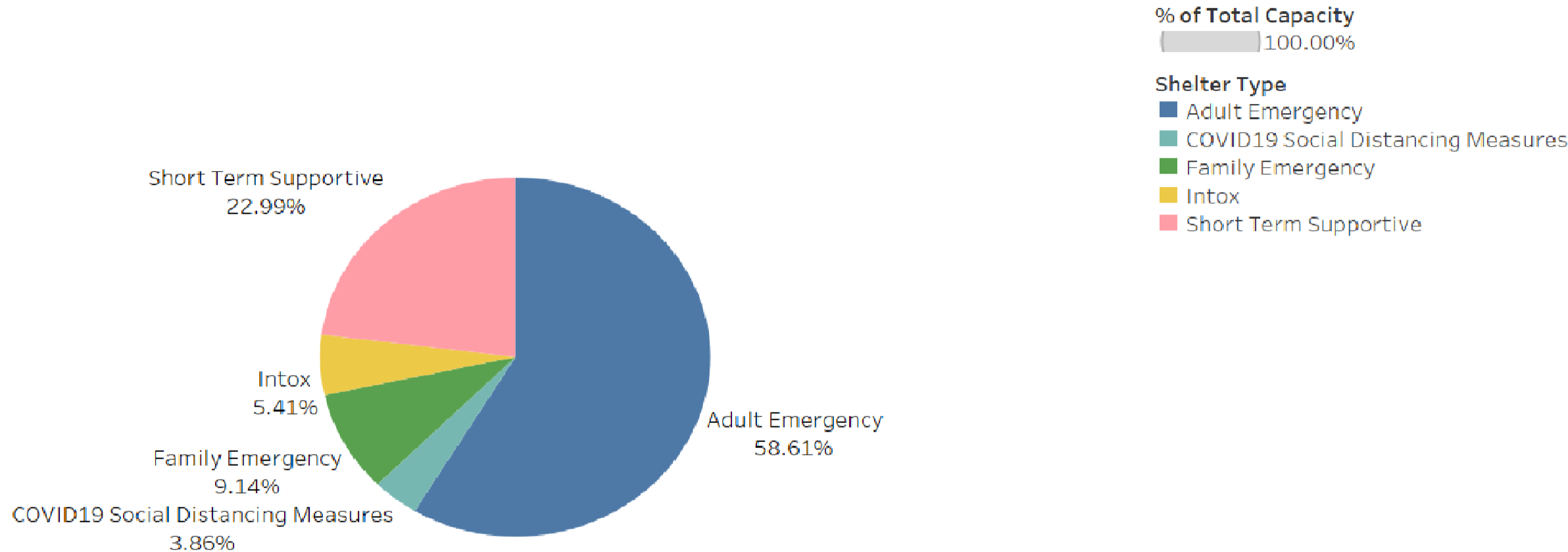
- Calgary Drop..
- Alpha House
- Inn from the ..
- Mustard See..
- Calgary Salva..
- Calgary YWCA
- Brendas Hou..
- Calgary Drea..
- Peter Coyle P..
- The Alex

In what month was the highest number of overnight capacity recorded in the year 2021



Sum of Overnight for each Month. Color shows details about sum of Overnight. The data is filtered on Year, which keeps 2021.

What are the Top 5 shelters that have accomodated the total highest capacity over the years in review?



Shelter Type and % of Total Capacity. Color shows details about Shelter Type. Size shows % of Total Capacity. The marks are labeled by Shelter Type and % of Total Capacity. The view is filtered on Shelter Type, which keeps Adult Emergency, COVID19 Social Distancing Measures, Family Emergency, Intox and Short Term Supportive. Percents are based on each row of the table.

thank
you