

# Affordability Of Consoles According to Market Need

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**Description:** In today's modern age, Gaming became a hobby and profession for many people. Some do it for fun and some do it for spending time .But The amount of games releasing every day is quite a big and so does the number of consoles.

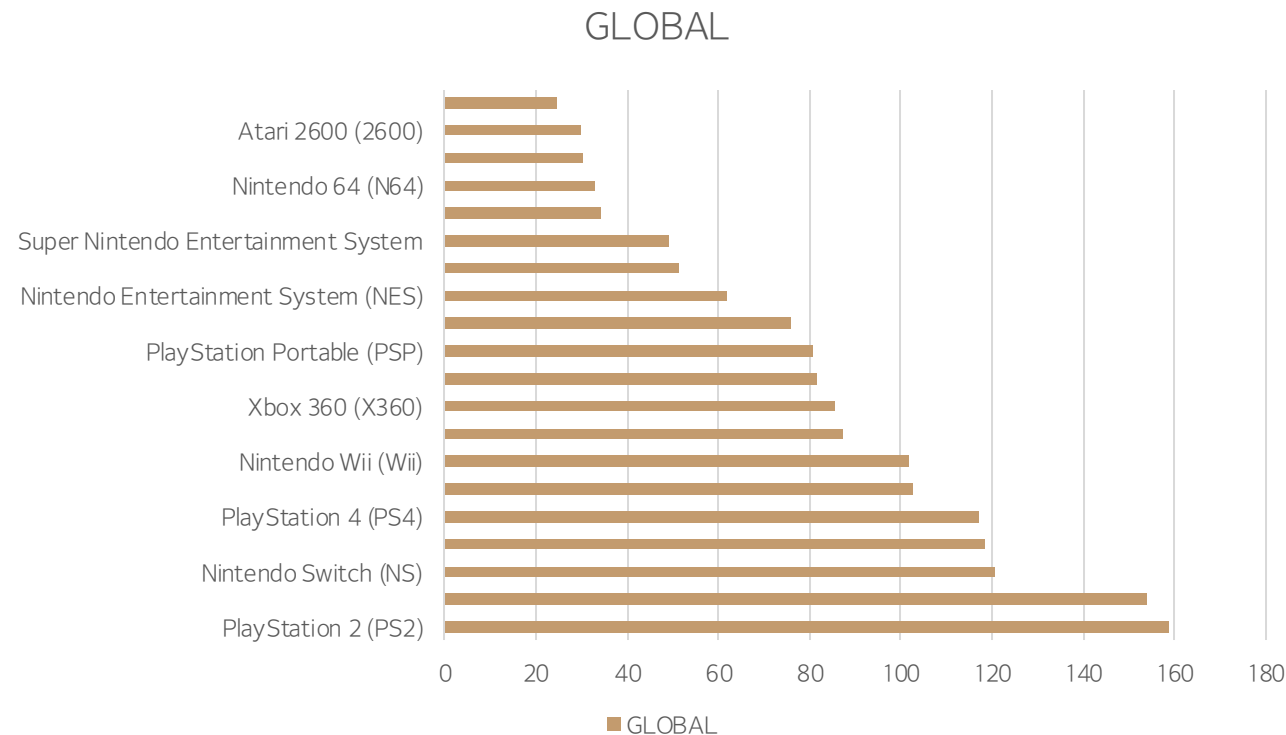
The gaming market is growing rapidly and a huge amount of money is invested in this trend. And the money spent on these consoles and games is also increasing. This case study is the analysis of current gaming market where most of the focus is upon the consoles and games, to determine which console should someone buy according to their needs.

# Problem: Identifying Consoles Among The Many Which Can Provide The Most Performance and Reliability



## Console Sales Data

The chart below shows the most sold consoles in the last few years. According to which we can see that PlayStation Series And Nintendo are the most sold consoles all over the world which gives us idea about the trend of the games people are now used to.



Console Sales All Over The World(Data Collected from VGChartz.com)

# Consoles Sold All Over The World

According to the charts, We can see that PlayStation and Nintendo are Most Used in terms of sales.

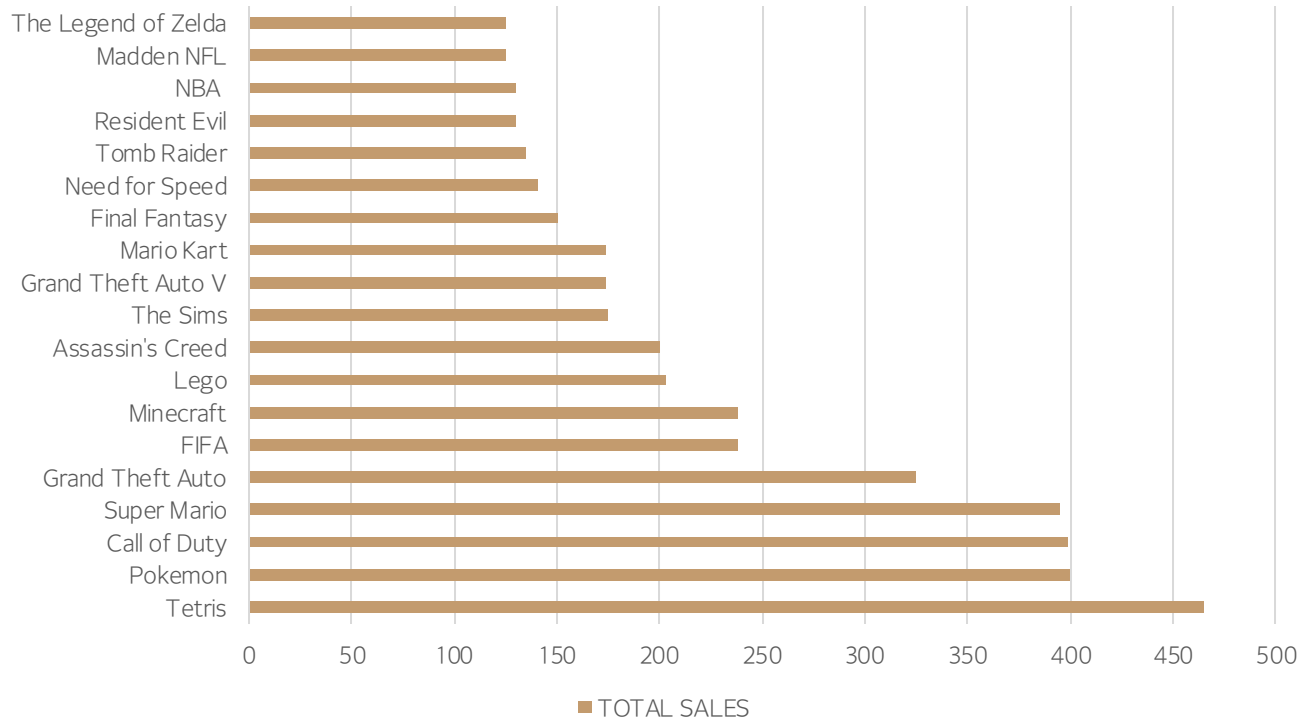
- From the data we can see that PSP and Nintendo along with Xbox are the most used console.
- This gives us the idea that people will be switch to the games and accessories associated with these consoles.
- It also shows us how the consoles will be affecting the trend of games availability.

CONSOLES	NORTH AMERICA	EUROPE	JAPAN	WORLD WIDE	GLOBAL
PlayStation 2 (PS2)	53.65	55.28	23.18	26.59	158.7
Nintendo DS (DS)	57.92	51.84	32.99	11.28	154.02
Nintendo Switch (NS)	43.61	30.75	27.94	18.44	120.74
Game Boy (GB)	43.18	40.05	32.47	2.99	118.69
PlayStation 4 (PS4)	38.21	45.93	9.6	23.33	117.06
PlayStation (PS)	40.78	31.09	21.59	9.04	102.49
Nintendo Wii (Wii)	45.51	33.12	12.77	10.23	101.63
PlayStation 3 (PS3)	29.92	30.87	10.47	16.14	87.4
Xbox 360 (X360)	47.09	25.08	1.66	11.9	85.73
Game Boy Advance (GBA)	40.39	21.31	16.96	2.85	81.51
PlayStation Portable (PSP)	21.41	24.39	20.01	14.98	80.79
Nintendo 3DS (3DS)	25.47	20.45	24.67	5.35	75.94
Nintendo Entertainment System (NES)	33.49	8.3	19.35	0.77	61.91
Xbox One (XOne)	31.6	13.04	0.12	6.53	51.28
Super Nintendo Entertainment System	22.8	8.15	17.17	0.9	49.1
Sega Genesis (GEN)	18.5	8.39	3.58	3.59	34.06
Nintendo 64 (N64)	20.11	6.35	5.54	0.93	32.93
PlayStation 5 (PS5)	13.17	9.43	2.44	5.43	30.47
Atari 2600 (2600)	23.54	3.35	2.36	0.75	30
Xbox (XB)	15.77	7.17	0.47	1.24	24.65

Provided data above taken from VGChartz.com

# Most Played Games All Over The World

TOTAL SALES



- According to the chart Tetris, Pokémon, Cod, GTA, FIFA are the most played franchise
- Now the availability of these games on the consoles will decide the consoles with best compatibility.
- The popularity of games on the consoles decides the sales of the consoles.

# Availability Of Games In Every Console

- As we can see in table we can see the availability of most played games on the consoles.
- According to the table most of the games are available on PC, XBOX, PlayStation.
- So the developers will try to push their games on these consoles first. Which also creates demand of these consoles on the gaming market.
- So high demand makes this consoles more expensive.

Price	Quantity Demanded per Month
\$15	1
12	2
9	3
6	5
3	7



<a href="#">Tetris</a>	EVERY	464.84M	27-02-2020
<a href="#">Pokemon</a>	NINTENDO	400M	03-02-2020
<a href="#">Call of Duty</a>	PS,XBOX,PC	398.51M	03-02-2020
<a href="#">Super Mario</a>	NINTENDO	395M	20-02-2020
<a href="#">Grand Theft Auto</a>	PC,PS,XBOX	325M	03-02-2020
<a href="#">FIFA</a>	PC,PS,XBOX	238M	20-02-2020
<a href="#">Minecraft</a>	EVERY	238M	28-02-2020
<a href="#">Lego</a>	NINTENDO,PS,XBOX	203.22M	24-02-2020
<a href="#">Assassin's Creed</a>	PC,PS,XBOX	200M	27-02-2020
<a href="#">The Sims</a>	PC,PS,XBOX	175M	03-02-2020
<a href="#">Grand Theft Auto V</a>	PC,PS,XBOX	173.41M	16-02-2020
<a href="#">Mario Kart</a>	NINTENDO	173.41M	25-02-2020
<a href="#">Final Fantasy</a>	NINTENDO,PC	150M	03-02-2020
<a href="#">Need for Speed</a>	PS,XBOX,PC	141M	07-02-2020
<a href="#">Tomb Raider</a>	PS,XBOX,PC	135M	27-02-2020
<a href="#">Resident Evil</a>	PS,XBOX,PC	130M	07-02-2020
<a href="#">NBA</a>	PS,XBOX,PC	130M	20-02-2020
<a href="#">Madden NFL</a>	PS,XBOX,PC	125.31M	03-03-2020
<a href="#">The Legend of Zelda</a>	NINTENDO	124.65M	11-02-2020

Provided data above taken from VGChartz.com

# Current Price Of Consoles

- After the recession in the market, the price of every console increased that's a key aspect to look here.
- As we can see in table all the prices of consoles reached a new high.
- Which makes the deal a little cost effective as it was before recession.
- One key point we can see that the prices of new Xbox and PS fluctuated less than other consoles available in the market.

CONSOLE	RELEASE DATE	ORIGINAL PRICE(\$)	CURRENT YEAR PRICE(\$)
PlayStation	1995	299	507.28
Nintendo 64	1996	199	327.78
Dreamcast	1996	199	308.06
PlayStation 2	2000	299	446.64
Xbox	2001	299	438.08
Xbox 360	2005	399	524.83
Wii	2006	249	321.19
PlayStation 3	2006	499	643.63
Wii U	2012	349	394.02
PlayStation 4	2013	399	444.96
Xbox One	2013	499	556.48
PlayStation 4 Pro	2016	399	429.69
Xbox One	2013	499	555.48
Nintendo Switch	2017	299	318.77
Xbox One X	2017	499	525.8
Nintendo Switch Lite	2019	199	201.45
Xbox Series S/X	2020	499	499
PlayStation 5 Digital/Disc	2020	499	499

Provided data above taken from IGN.com



# Conclusion

According to the analysis of the data from internet we can say that PlayStation and Xbox are the most effective purchases of consoles right now cause it will provide accessibility and flexibility but Nintendo Switch can also be a good choice for a average person.

For a person with Lower budget Nintendo Switch Lite can be good choice.

For a Person with a higher budget PlayStation5,XBOX are better choice.

**THANK YOU**

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