WHO IS A GAMER?

A "gamer" is someone who plays interactive games, such as video games or tabletop games. The term includes those who do not necessarily consider themselves to be gamers (i.e., casual gamers), as well as those who spend a significant part of their leisure time playing or learning

HOW MANY PEOPLE PLAY Video Games?

1.2 Billion Gamers Playing Globaly

Reason People Buy Video Games





too much screen time makes eye sight worse

CZSHN

KDNRO

Non Action Gamer Vision — Z K C S V

Pre-testing of the survey

and using different methods.

questions additionally used

forum, and other respondents

sent surveys to friends online.

Addiction Composite, Level of

the Asheron's Call Addiction

pre-testing.

Instrument

The questionnaire took between

12-15 minutes to complete during

addiction was measured by adapting

Purposive sampling was used to

videogame structural characteristic

questions. Structural characteristic

limited snowball sampling, as one

respondent passed along the survey

through one non-gaming community

test demographic, addiction and

took place at various times,

DVOHC

OHVCK—Action Gamer Vision

scale contains 14 items and showed disagree, and 5 = very strongly

questions on a 5-point Likert-type

agree. A high score on the Addicti

characteristics came from a variety

the concepts section. These scales

vary in size, and generally showed

acceptable reliability, with alpha

scores ranging from .723 to .906.

Participants respond to questions

are discussed at length in the

on 5-point Likert-type scales which

concepts section. In this table 0 is

of diverse sources, as covered in

and a considerable inability

Videogame Structural

Characteristics. These

to control play

the average.

Composite represents high addiction,

scale on which 1 = very strongly

HZCKO

(ACAddiction) measure from

Charlton & Danforth, 2004. This

good reliability in the current study

participants respond to questions on

a 5-point Likert-type scale on which

1 = very strongly disagree, and 5 = very strongly agree. A high score on

the Addiction Composite represents

high addiction, and a considerable

Engagement Composite. Level

of engagement was measured

by adapting the Asheron's Call

Engagement (ACEngagement)

measure from Charlton & Danforth,

2004. This scale contains 15 items

and shows good reliability in this

this scale, participants respond to

study with an alpha of .845. In

inability to control play.

with an alpha of .790. In this scale,

The Entertainment Software Rating Board (ESRB) is the non-profit, self-regulatory body that assigns ratings for video games and apps so parents can make informed choices. The ESRB rating system encompasses guidance about age-appropriateness, content, and interactive elements. As part of its self-regulatory role for the video game industry the ESRB also enforces industry-adopted advertising guidelines and helps ensure responsible web and mobile privacy practices under its Privacy Certified program. ESRB was established in 1994 by the Entertainment Software

MISSION To empower consumers, especially parents, with guidance that allows them to make informed decisions about the age-appropriateness and suitability of video games and apps while holding the video

game industry accountable for

responsible marketing practices

Association.

PHILOSOPHY The ESRB rating system was devised after consulting a wide range of child development and academic experts, analyzing other rating systems and, most importantly, listening to parents. ESRB found that what consumers really want in a rating system is

26%

more steps

Is an increase that Pokemon

Go players take now versus

before they started playing.

both age-based rating categories as well as concise, impartial information regarding content. Parents felt strongly that a rating system should inform and suggest, not prohibit, and should reflect the product overall rather than quantifying every

instance of potentially objectionable

Today consumers play games on a variety of platforms and devices, and parental concerns go well beyond content to include other interactive elements like user interactions or the sharing of a user's location and personal information. In fact, parents today tend to place equal importance on guidance about interactive elements as they do about the specific content in a game.

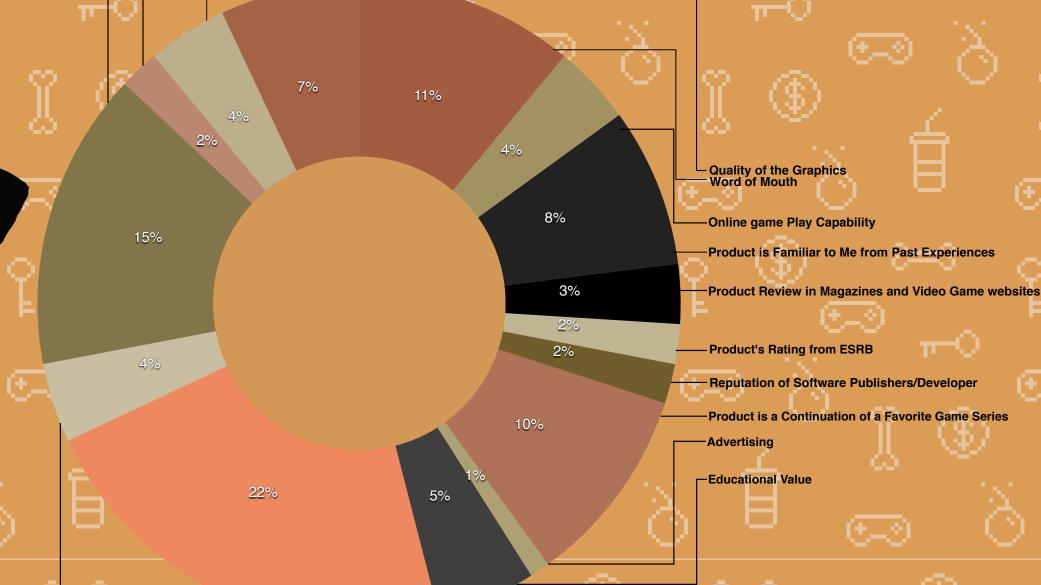
With this philosophy in mind, the ESRB administers a three-part rating system that includes Rating Categories to suggest age-appropriateness, Content Descriptors to indicate what type of content may have triggered the rating and/or may be of interest or concern to the consumer, and about user interactions and the

Interactive Elements, which advise sharing of personal information or location. The result is a rating system that is widely adopted by game publishers, supported by retailers, and which is consistently described by parents and opinion leaders as the best entertainment rating system

Ever since Pokemon Go came

out for cell phone devices. The

game encourges people to



Of the games rated by ESRB in 2014:



Playing video games, including

violent shooter games, may boost

children's learning, health and so-

cial skills, according to a review of

research on the positive effects of

video game play to be published by

the American Psychological Associa-

tion. "Important research has already

been conducted for decades on the

negative effects of gaming, including

addiction, depression and aggres-

sion, and we are certainly not suggesting that this should be ignored,"

said lead author Isabela Granic,

PhD, of Radboud University Nijmegen in The Netherlands. "However,

to understand the impact of video

received an E (Everyone) rating

received an E10+ (Everyone 10+) rating

received a T (Teen) rating



received an M (Mature) rating

games on children's and adolescents' enhance these same skills, accorddevelopment, a more balanced perspective is needed." While one widely held view maintains playing video games is intellectually lazy, such play actually may strengthen a range of

cognitive skills such as spatial navigation, reasoning, memory and perception, according to several studies reviewed in the article. This is particrularly true for shooter video games that are often violent, the authors said. A 2013 meta-analysis found that playing shooter video games improved a player's capacity to think about objects in three dimensions, just as well as academic courses to

ing to the study. "This has critical implications for education and career development, as previous research has established the power of spatial skills for achievement in science, technology, engineering and mathematics," Granic said. This enhanced thinking was not found with playing other types of video games, such as puzzles or role-playing games.

of K-8 teachers use digital games in the classroom.

of parents say video games positively affect their children

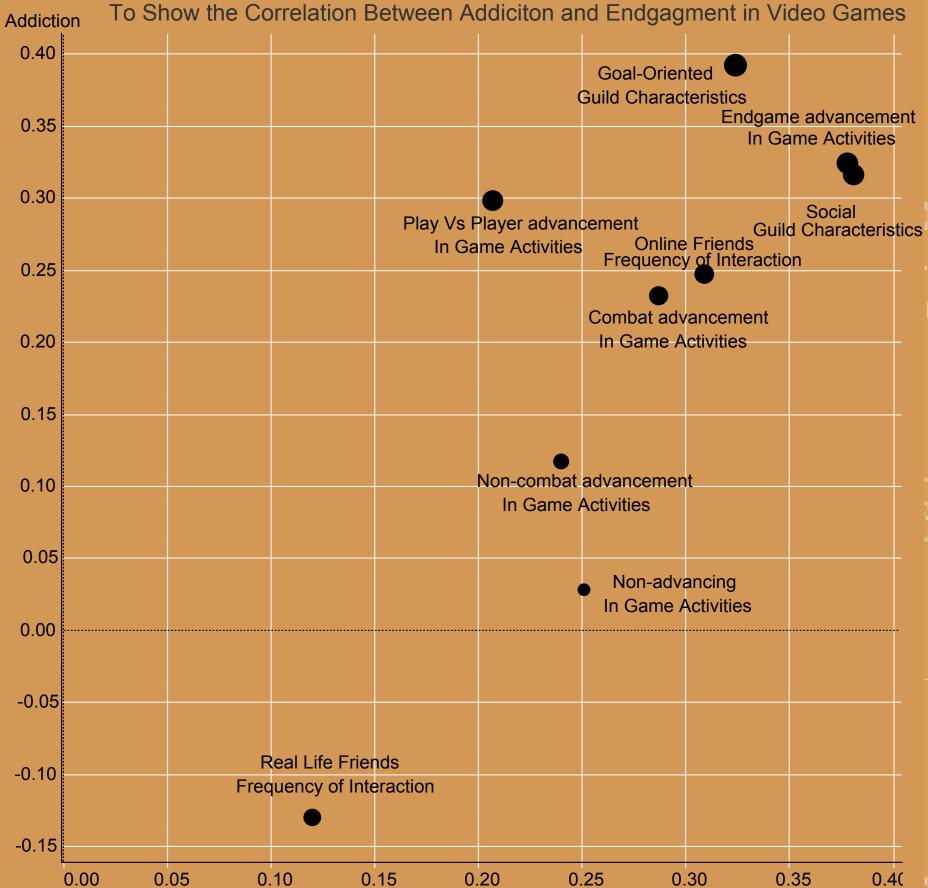
According to federal crime statistics, the rate of juvenile violent crime in the United States is at a 30-year low. Researchers find that people serving time for violent crimes typically consume less media before committing their crimes than

the average person in the general population. It's true that young offenders who have committed school shootings in America have also been not media exposure. The moral panic

general are more likely to be gamers — 90 percent of boys and 40 percent of girls play. The overwhelming majority of kids who play do NOT commit antisocial acts. According to a 2001 U.S. Surgeon General's report, the strongest risk factors for school shootings centered on mental stability and the quality of home life,

game players. But young people in

over violent video games is doubly harmful. It has led adult authorities to be more suspicious and hostile to many kids who already feel cut off from the system. It also misdirects energy away from eliminating the actual causes of youth violence and allows problems to continue to fester.



Engagement

This graph shows that there is a relationsship between engagment with a game and the level of addicition. The same goes for the level of engagment with real life friends. Only in that case the level of addiction with real life friends is minimal if non exsistant. .While spending time with their online friends becomes over powering Unexpected or interesting relationships between addiction and gameplay elements (the varied activities in which players tackle within the game). These questions all dealt with the perceived amount of time a player would spend performing these specific activities (for instance killing monsters in order to gain experience) as opposed to other activities. Engaged players seem to perceive themselves, overall, to spend more time performing in-game activities whereas addicted players seemed to estimate their play levels to be

Video Game Sales Vs. Juvenile Incarceration % Video Game Sales ■ Juvenile Incarceration ■ Video Game Sales 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014