



## Digital Democracy Survey

A multi-generational view of  
consumer technology, media and  
telecom trends

**Ninth edition**

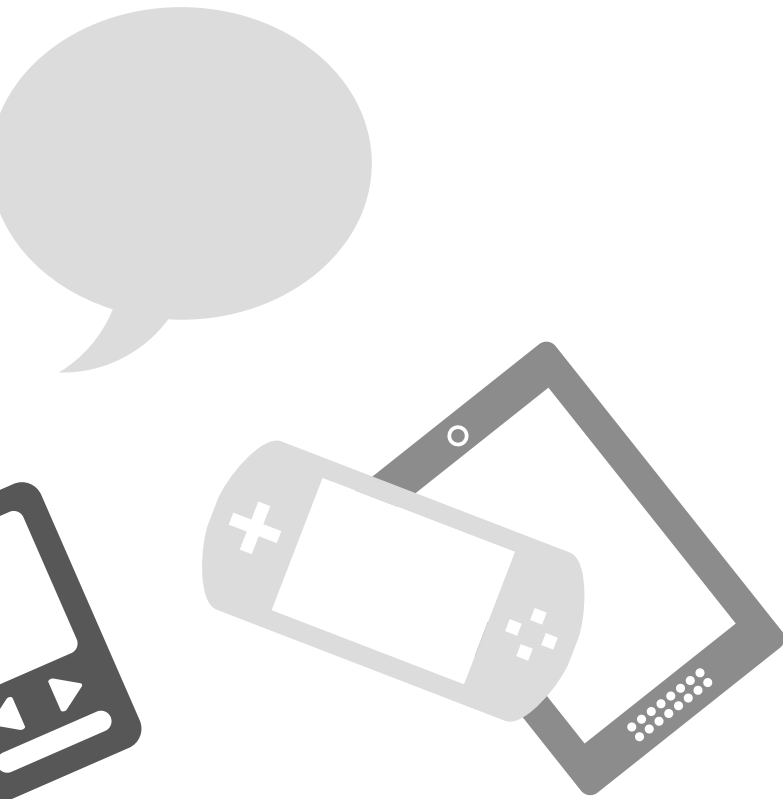
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#TMTtrends



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# Preface

The rapidly growing amount of content available via the Internet and the proliferation of devices offering high quality viewing experiences has drastically shifted the way consumers view, access and purchase content.

The ninth edition of Deloitte's Digital Democracy Survey, fielded in November 2014, illustrates consumers' mounting appetite for content — especially video — anywhere, anytime and on any device.

In this executive summary of survey findings, we explore how the adoption of new technologies and devices is changing media consumption habits and preferences among U.S. consumers. These shifts in behavior are particularly insightful when looking at trends by generation.

The notion of consumers sitting in their living rooms to watch television shows at programmed times, especially among younger generations, is quickly giving way to a market of viewers using multiple devices inside and outside the home to consume content when and where they choose to watch. In 2014, there was a shift away from appointment TV to a large number of consumers binge-watching on their own schedules.

With so many new devices and technologies vying for our attention, consumers continue to be distracted while watching TV. The majority of consumers across all generations regularly multitask.

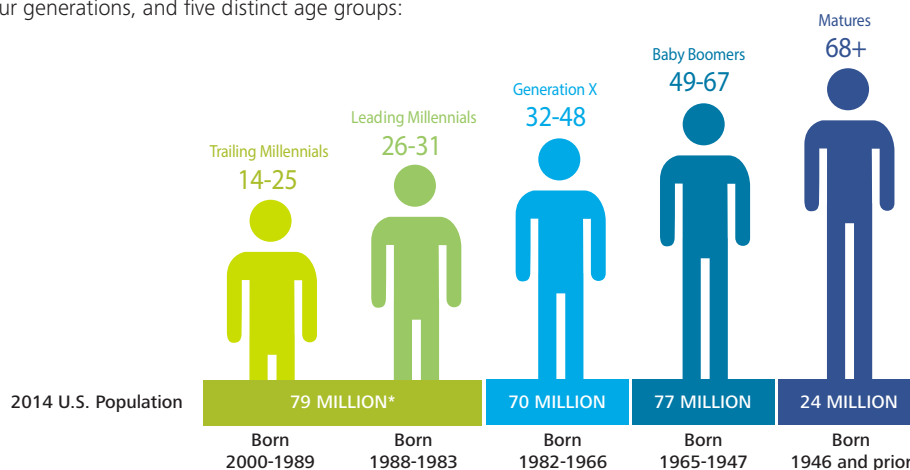
As so much content is being watched outside programmed times and on multiple devices, we'll explore shifts in the effectiveness of traditional and online advertising and the impact of social media on consumer behaviors.

This summary also explores how frequently consumers are using multiple devices to play games and takes a look at how consumers are using gaming consoles for more than just gaming.

Don't see what you're looking for in our executive summary? We've got a lot more data. For more information on Deloitte's Digital Democracy Survey, Ninth Edition, please email us at [tmttrends@deloitte.com](mailto:tmttrends@deloitte.com) and follow us on Twitter [@DeloitteTMT](https://twitter.com/DeloitteTMT).

## TALKING ABOUT THE GENERATIONS

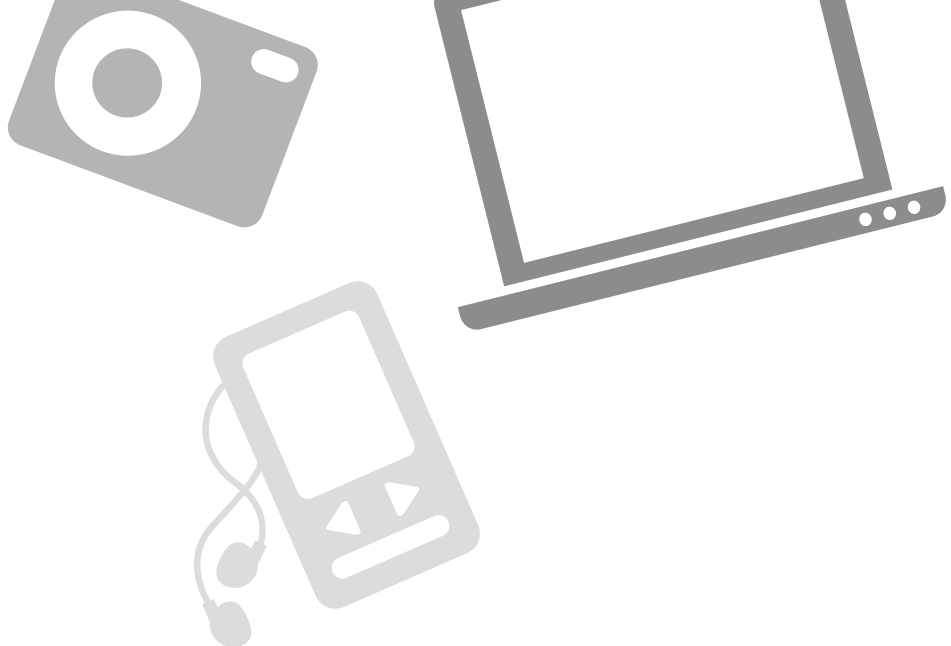
The survey focuses on four generations, and five distinct age groups:



\*Millennials age 10-13 not included in this study







Source: 2010 U.S. Census Bureau—Population Division, U.S. Interim Projections 2000-2050

# Product and device landscape



## PRODUCT OWNERSHIP BY U.S. HOUSEHOLD

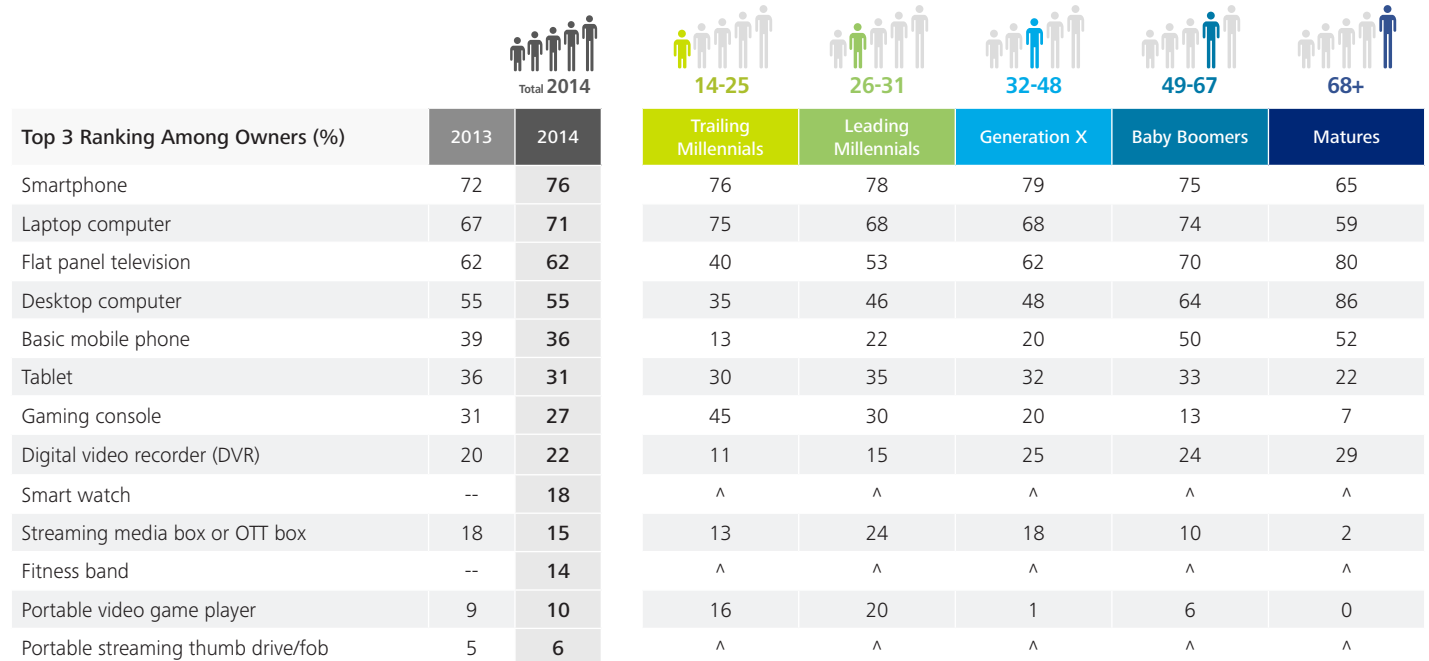
Flat panel television and smartphone penetration continue to grow among U.S. consumers. Product and device ownership tends to be driven by generational trends, with Trailing Millennials often leading adoption of newer and more mobile technologies.

	 Total 2014		 14-25	 26-31	 32-48	 49-67	 68+
Among Total U.S. Consumers (%)	2013	2014	Trailing Millennials	Leading Millennials	Generation X	Baby Boomers	Matures
Laptop computer	81	82	91	87	88	77	60
Flat panel television	76	82	71	83	86	83	87
Smartphone	65	71	86	84	82	57	40
Desktop computer	71	66	62	58	62	70	83
Gaming console	58	56	80	72	63	40	19
Tablet	48	54	58	48	65	50	37
Digital video recorder (DVR)	51	50	43	45	56	50	54
Streaming media box or over-the-top box	17	18	17	23	25	12	10
Portable streaming thumb drive/fob	7	9	10	10	12	8	2
Fitness band	--	9	9	11	10	9	1
Smart watch	--	3	4	6	3	1	1

**Question:** Which of the following media or home entertainment equipment does your household own?

## TOP THREE MOST VALUED PRODUCTS AMONG OWNERS

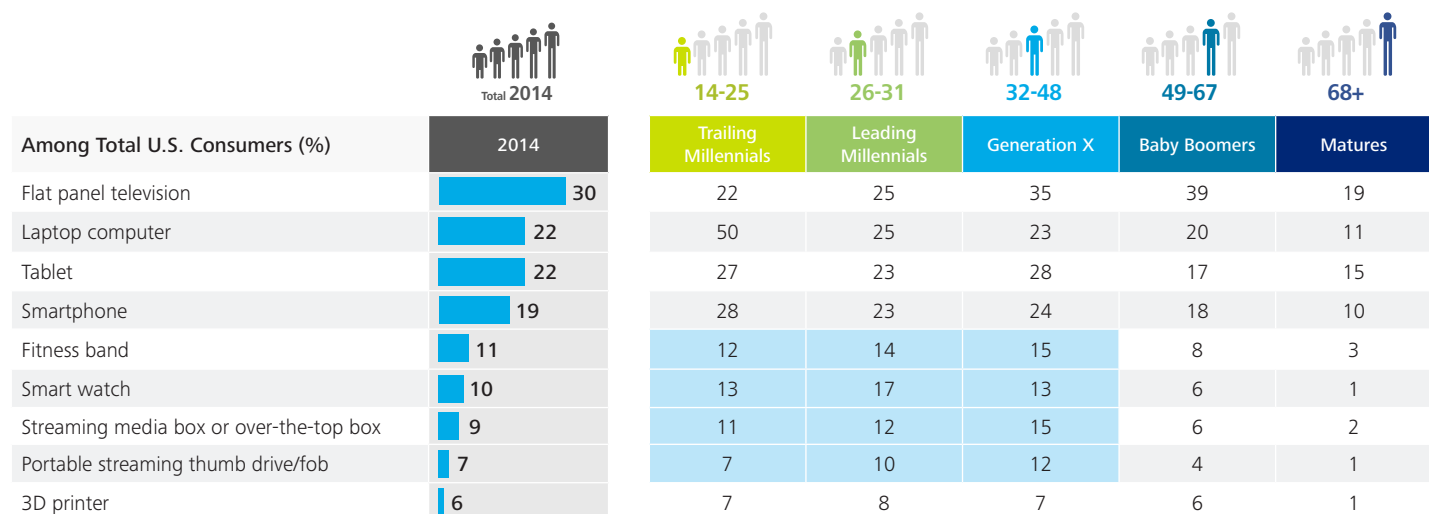
Device value is mostly stable year-over-year with the exception of tablets, which appears to be dropping in relative value. Owners place relatively high value on new products, such as smart watches and fitness bands.



**Question:** Of the products you indicated you own, which 3 do you value the most?

## INTENT TO PURCHASE IN THE NEXT 12 MONTHS AMONG NON-OWNERS

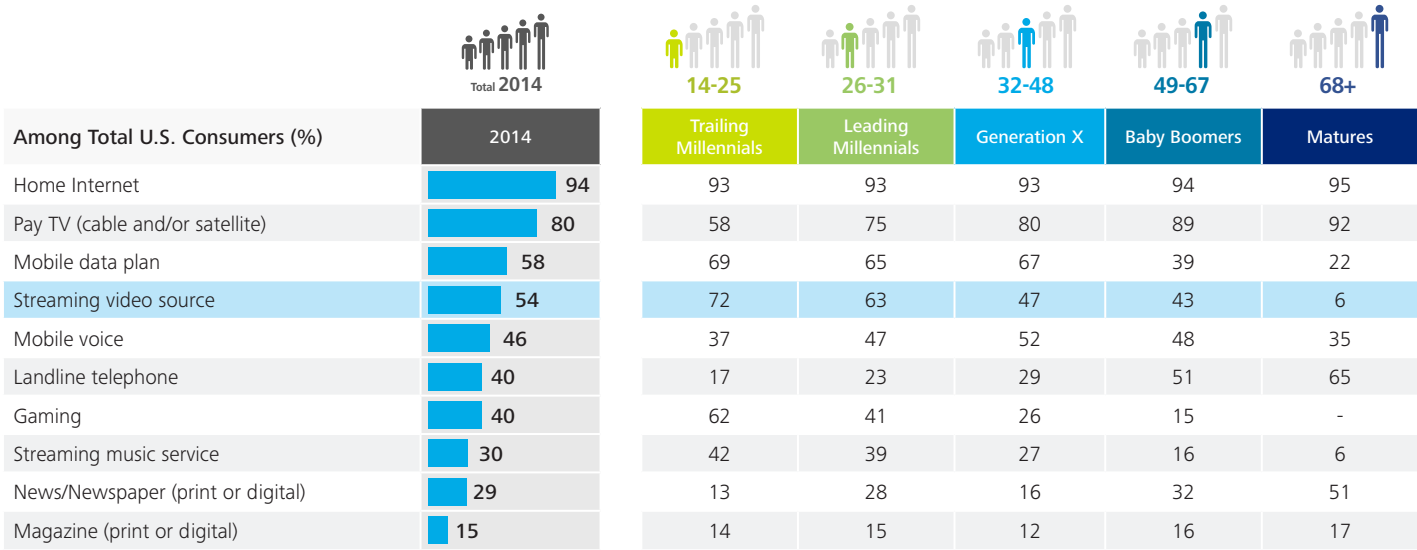
Although non-owners place TVs, laptops and tablets among the most highly ranked products to purchase in the next year, new technologies are showing substantial promise, especially with Millennials and Xers.



**Question:** Of the products you indicated you do not currently own, which of the following do you plan to purchase in the next 12 months?

TOP THREE MOST VALUED SERVICES AMONG SUBSCRIBERS

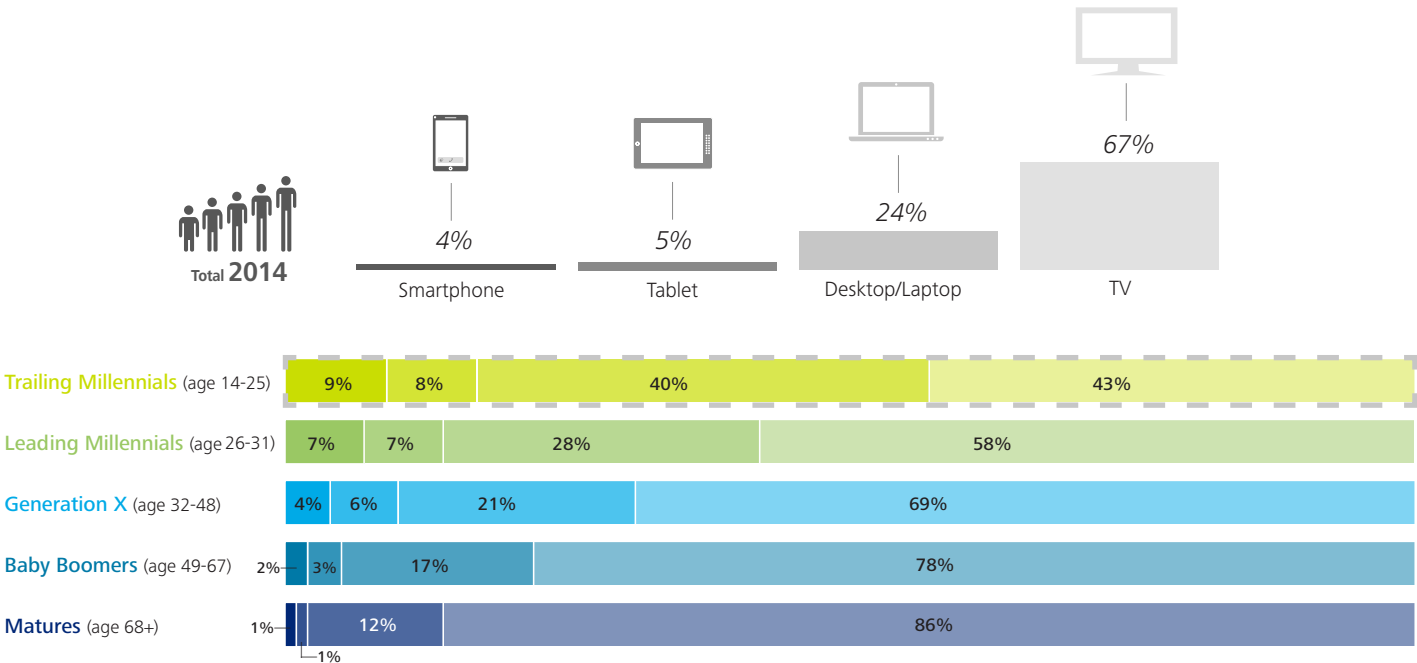
Home Internet is overwhelmingly the most valued service across all generations, with nearly all consumers ranking it in their top three. Pay TV’s value is decidedly age-dependent. Trailing Millennials do not value it nearly as much as the other generations. Conversely, streaming services are highly valued among Millennials.



Question: Of the services you indicated your household purchases, which three do you value the most?

PERCENTAGE OF TIME SPENT WATCHING MOVIES BY DEVICE AMONG U.S. CONSUMERS

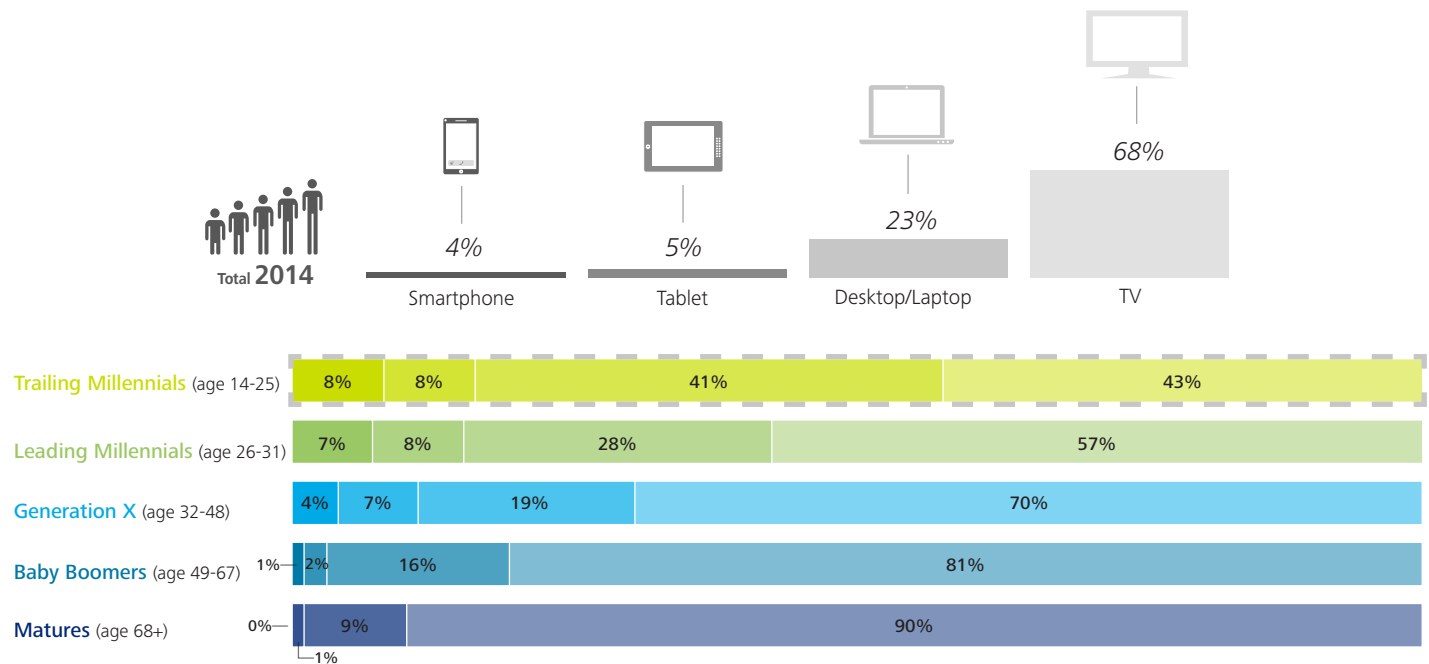
Although TV ownership remains strong and is growing, content is increasingly being viewed on platforms other than televisions. Movie viewing habits are categorically age-dependent. Among Trailing Millennials, nearly 60% of time spent watching movies occurs on computers, tablets, or smartphones.



Question: Of the time you spend watching movies, what percentage of time do you watch on the following devices?

## PERCENTAGE OF TIME SPENT WATCHING TV SHOWS BY DEVICE AMONG U.S. CONSUMERS

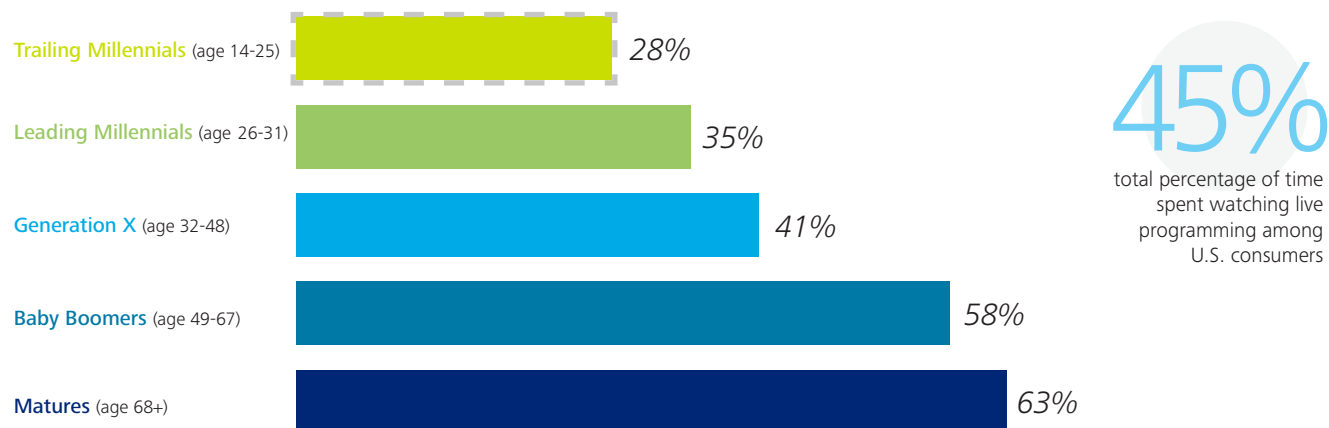
The same pattern applies to watching TV shows. Older viewers rely on televisions, while younger viewers have moved to computers and mobile devices. Trailing Millennials spend more time watching TV shows on non-traditional devices than on televisions.



**Question:** Of the time you spend watching TV shows (e.g., 30- or 60-minute television programs), what percentage of time do you watch on the following devices?

## PERCENTAGE OF TIME SPENT WATCHING LIVE PROGRAMMING AMONG U.S. CONSUMERS

When taking into account that Trailing Millennials spend more time watching TV shows on non-traditional devices than on televisions, it's not surprising that only a quarter of television programming they watch is done live at the time of broadcast. The percentage of programming watched live increases by age.



**Question:** When watching television content, what percent of time are you watching the following methods of programming?
















# The personal viewing experience



## The mainstreaming of digital

### FREQUENCY OF STREAMING, RENTING AND PURCHASING MOVIES

Heavily driven by the adoption of streaming services among younger generations, the majority of consumers stream movies at least monthly. More than half of all consumers and three-quarters of Millennials stream movies on a monthly basis. When compared to weekly frequency, streaming dominates, with 34% of all consumers and 57% of Trailing Millennials streaming movies weekly. Though streaming is the norm, physical discs are not irrelevant. Almost half of consumers rent or buy physical discs on a monthly basis.

		 Total 2014	 Total 2014	 14-25	 26-31	 32-48	 49-67	 68+
Among Total U.S. Consumers (%)	Weekly	At least monthly	Trailing Millennials	Leading Millennials	Generation X	Baby Boomers	Matures	
 Online Streaming Service	34	56	77	71	65	40	23	
 Rent DVD/Blu-Ray	10	35	40	47	40	29	17	
 Purchase DVD/Blu-Ray	6	29	36	40	30	25	14	
 Purchase/Rent via On Demand/ Pay-Per-View	6	26	28	34	31	22	12	
 Purchase Digital Download	5	23	31	36	28	13	6	
 Rent Digital Download	5	21	31	32	25	14	4	

**Question:** Thinking about how you watch movies, how frequently do you do each of the following?












**34%** of U.S. consumers stream movies on a *weekly* basis

**57%** of Trailing Millennials stream movies on a *weekly* basis

**48%** of U.S. consumers rent or buy *physical* discs monthly

## FREQUENCY OF STREAMING, RENTING AND PURCHASING TV SHOWS

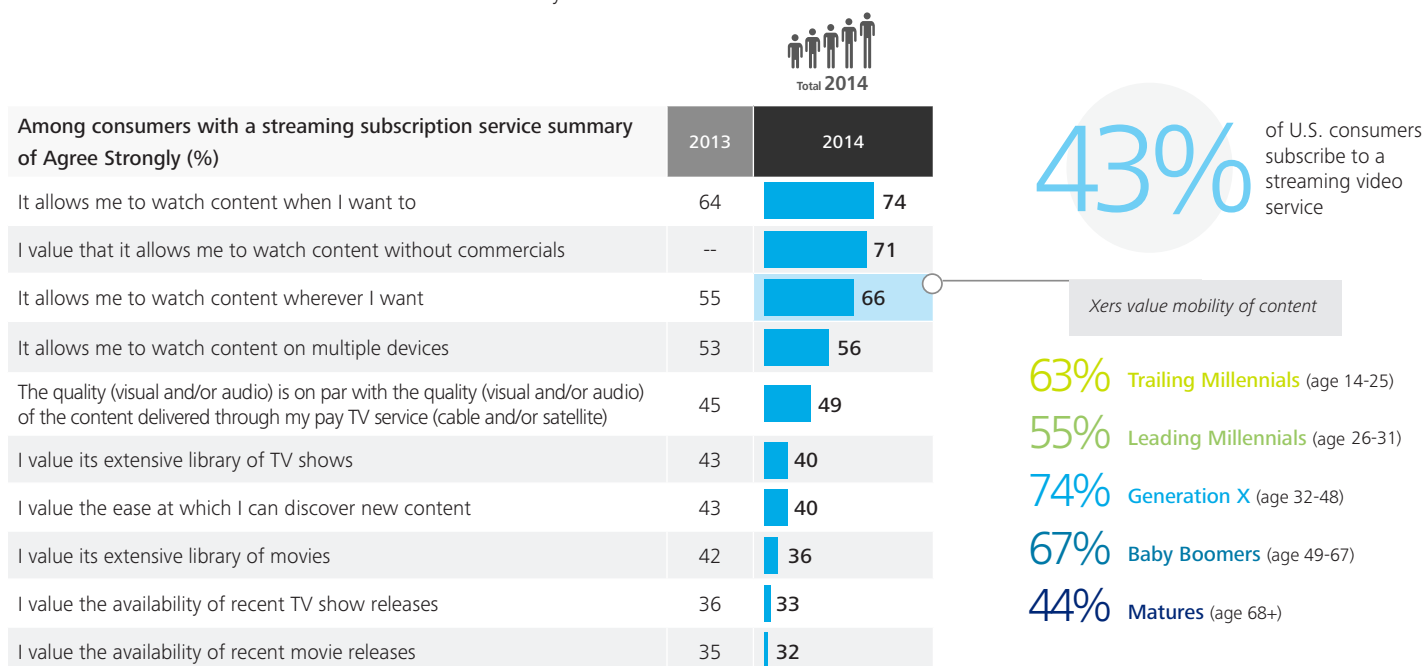
Consumption patterns are similar for television programming; Trailing Millennials overwhelmingly stream, with approximately three-quarters using a streaming service on a monthly basis to watch television programs. Although older consumers have not adopted streaming at quite the same pace, it is still the most frequent method of renting/purchasing television content among those groups.

		 Total 2014	 14-25	 26-31	 32-48	 49-67	 68+
Among Total U.S. Consumers (%)	At least monthly		Trailing Millennials	Leading Millennials	Generation X	Baby Boomers	Matures
 Online Streaming Service	53		72	69	60	38	23
 Rent DVD/Blu-Ray	28		31	36	31	24	14
 Purchase/Rent via On Demand/ Pay-Per-View	24		22	35	29	20	10
 Purchase DVD/Blu-Ray	23		29	33	26	19	9
 Purchase Digital Download	19		26	31	23	11	5

**Question:** Thinking about how you watch television programming, how frequently do you do each of the following?

## CONSUMER PERCEPTIONS OF THEIR STREAMING SERVICES

The reasons behind why people stream are clear. Consumers appreciate their streaming services for the ease with which they can watch commercial-free content anytime, anywhere, and on any device. Xers have a particular interest in the mobility of their content, with three-quarters saying they stream because it allows them to watch content where they want.











**Question:** Please indicate how much you agree or disagree with the following statements about your streaming video service.

# Binge-watching

## PERCENTAGE OF U.S. CONSUMERS WHO BINGE-WATCH TV SHOWS

Two-thirds of viewers “binge-watch” TV, watching three or more episodes of TV in one sitting. Millennials overwhelmingly engage in binge-watching behaviors. Not surprisingly, binge-watching is much more common among those who have a streaming subscription, but even those who don’t have a streaming service still binge, likely via a DVR. Trailing Millennials binge-watch more frequently than any other generation, with 42% binge-watching on a weekly basis.

	 Total 2014	 14-25	 26-31	 32-48	 49-67	 68+	 Have Streaming Subscription	 No Streaming Subscription
Among Total U.S. Consumers (%)	2014	Trailing Millennials	Leading Millennials	Generation X	Baby Boomers	Matures		
Ever Binge	68	84	83	74	56	37	83	57

**Question:** Do you ever “binge-watch” television shows, meaning watching three or more episodes of a TV series in one sitting?









## FREQUENCY OF BINGE-WATCHING

	 Total 2014	 14-25	 26-31	 32-48	 49-67	 68+
Among Binge-Watchers (%)	Total 2014	Trailing Millennials	Leading Millennials	Generation X	Baby Boomers	Matures
At least once a week	31	42	30	25	29	26
At least once a month	34	35	40	38	28	24
At least every six months	27	19	23	27	35	29
At least once a year	8	4	8	11	8	21

**Question:** How frequently do you “binge-watch” television shows?

## MOST BINGED GENRE

TV drama is the most popular television genre to binge-watch, as a continuous narrative lends itself well to multi-episode viewing. Comedies are the second most popular genre to binge-watch, with a sharp drop after that. There are some gender differences among binge-watchers, with women being more likely to binge on dramas and men being more likely than women to binge on comedies.

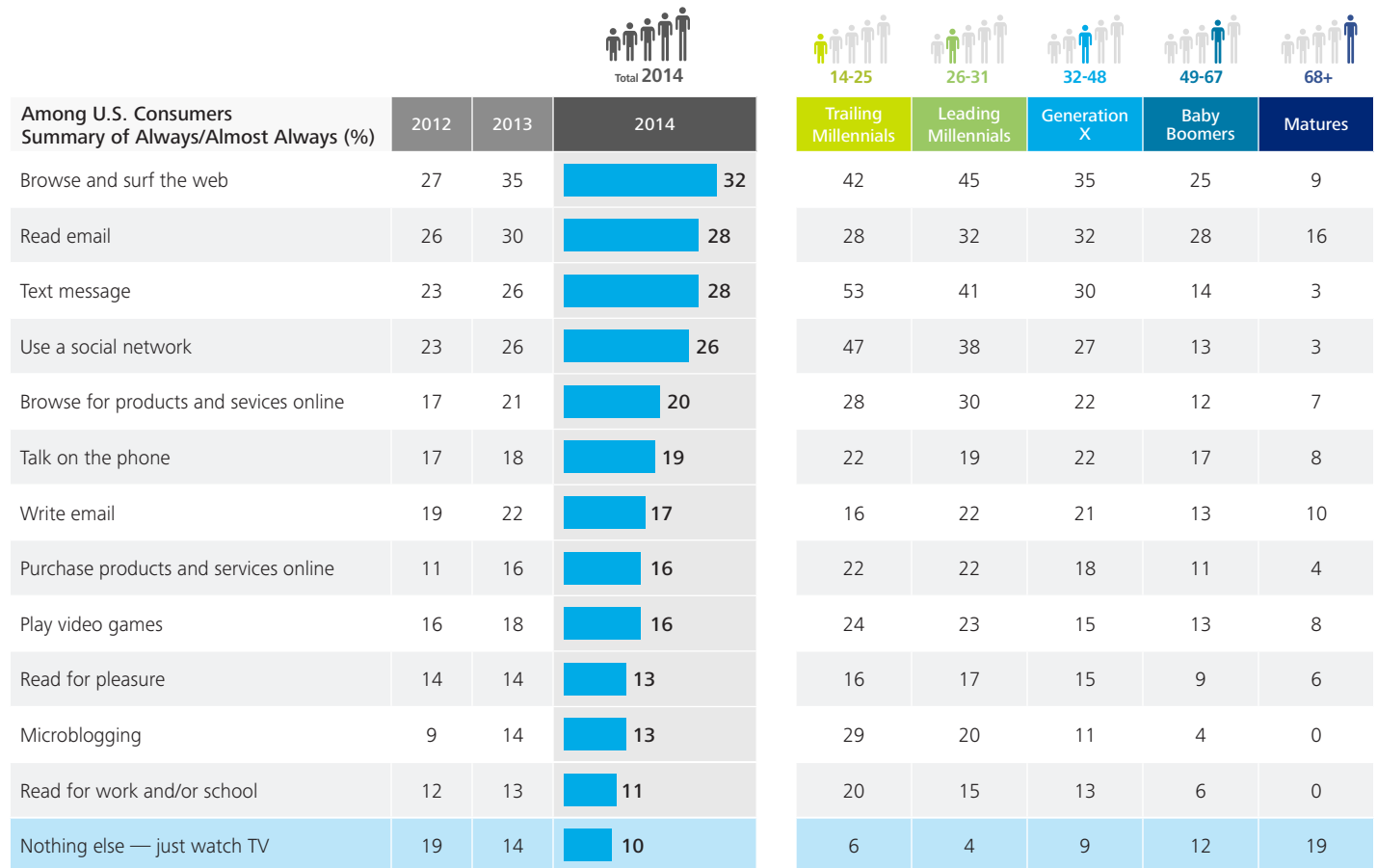
	 Total 2014	 14-25	 26-31	 32-48	 49-67	 68+	 Male	 Female
Among Total U.S. Consumers (%)	2014	Trailing Millennials	Leading Millennials	Generation X	Baby Boomers	Matures		
TV drama	54	49	54	58	57	53	51	58
TV comedy	20	25	23	19	16	11	24	16
Reality TV show	7	8	7	8	6	4	5	9
Contest show	3	2	2	2	4	2	3	2
Daytime shows	2	2	3	2	3	5	2	3
Variety/talk shows	1	1	1	1	0	1	1	1
Do It Yourself (DIY)/Cooking shows	4	2	3	6	6	3	4	4
None of the above	9	11	8	5	8	21	10	7

**Question:** When you “binge-watch,” what kind of show are you most often watching?

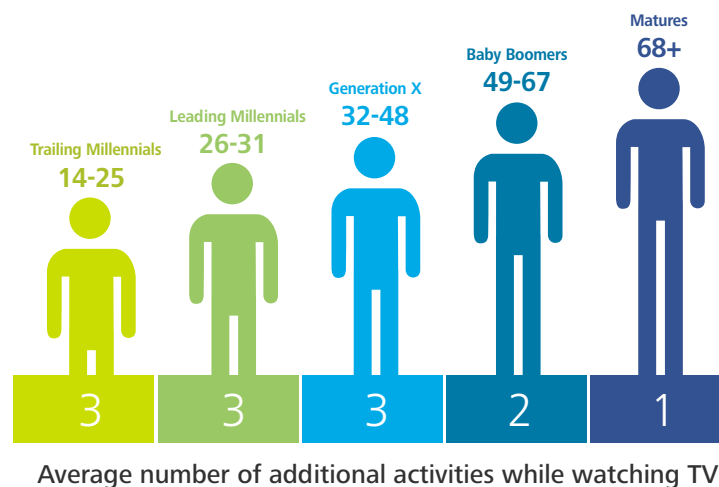
# Multitasking

## PERCENTAGE OF U.S. CONSUMERS WHO MULTITASK WHILE WATCHING TV

Ninety percent of consumers are multitasking while watching TV. On average, Millennials and Xers are doing three additional activities while watching TV, typically surfing the web, emailing, texting, or social networking.

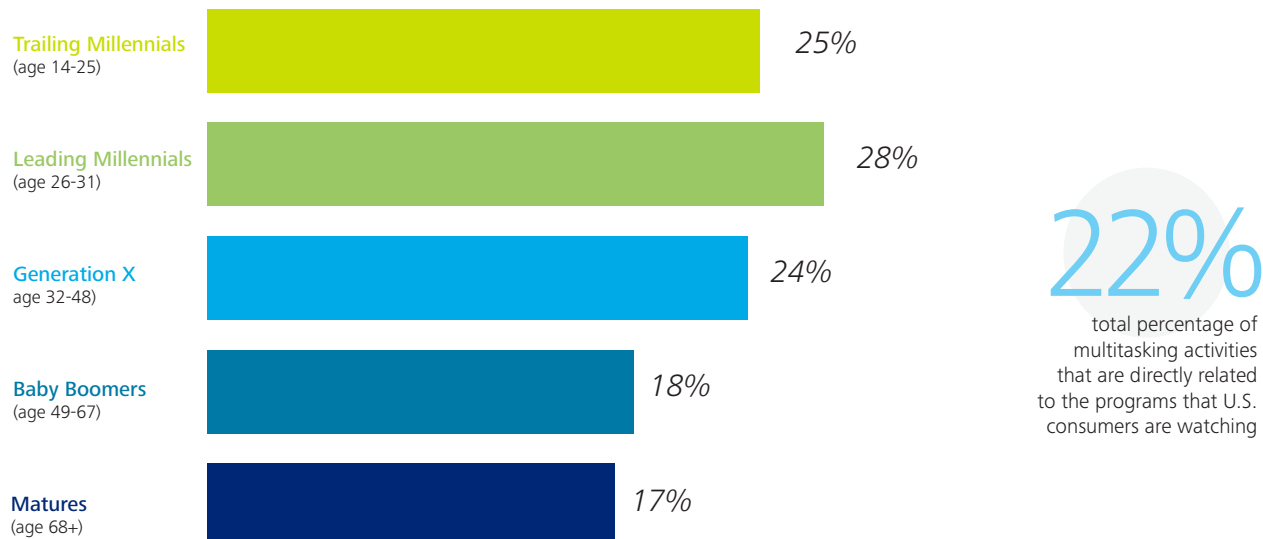


**Question:** Which are things you typically do while watching your home TV?



## PERCENTAGE OF MULTITASKING DIRECTLY RELATED TO THE PROGRAM

Despite the high percentage of consumers who are multitasking while watching TV, fewer than one-quarter of multitasking activities are directly related to the programs that consumers are watching.

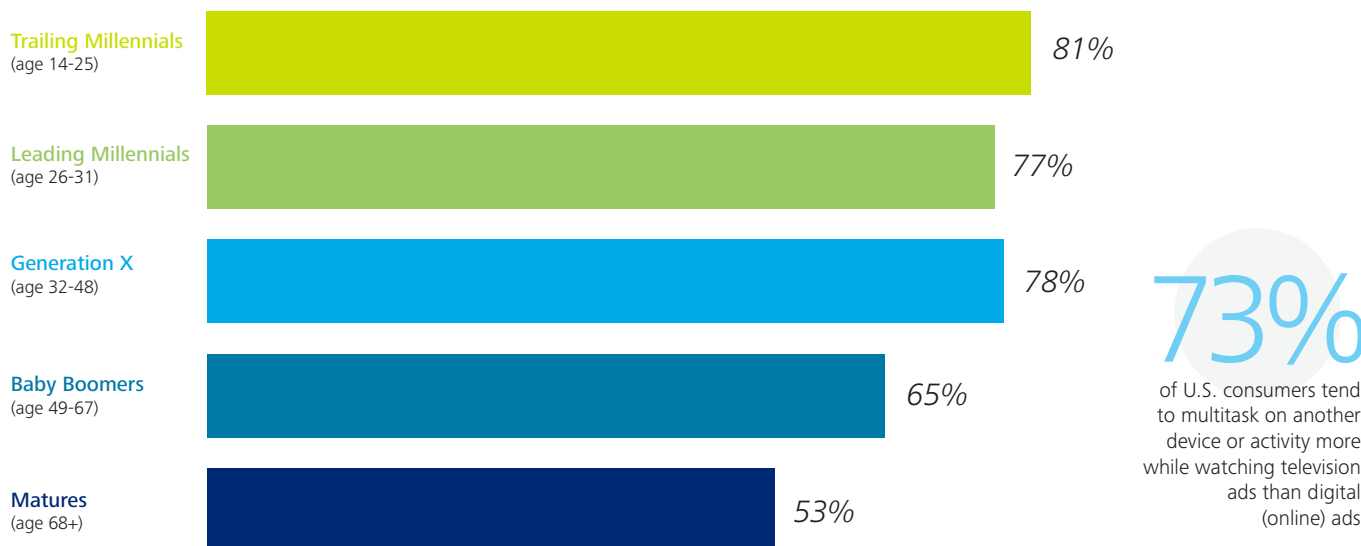


**Question:** What percentage of your multitasking activities are directly related to the program you are watching?

## INTENSITY OF ATTENTION RELATED TO DIGITAL ADS

When compared to traditional TV advertising, consumers tend to pay more attention to digital (online) ads. Four out of five Millennials are more distracted during TV ads than digital.

*I tend to multitask on another device or activity more while watching television ads than digital (online) ads:*

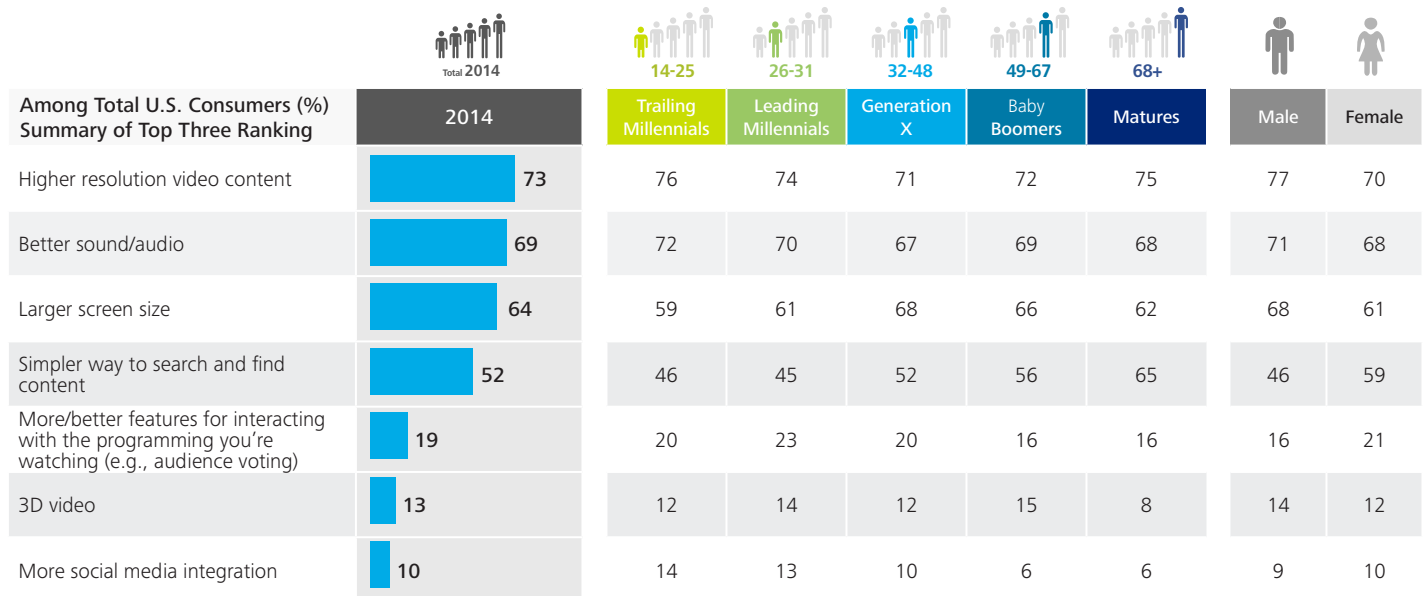


**Question:** Thinking about advertisements that come on during television or digital (online) programming you watch, please rate the following statements using the scale below.

# Viewing preferences

## TOP THREE FEATURES IMPROVING VIEWING EXPERIENCE

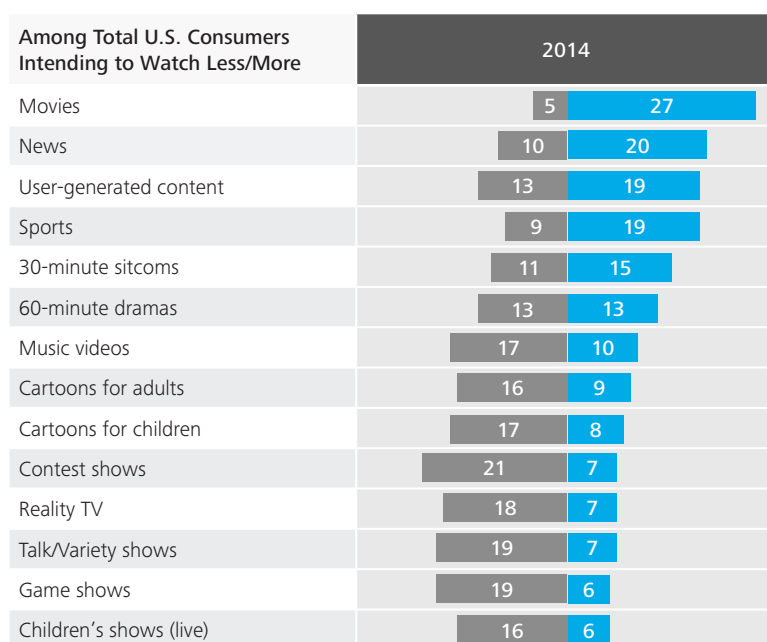
Video and audio quality are universally the most important factors in improving viewing experience, with screen size also playing a significant role. However, there are significant gender preferences, with males appreciating higher resolution and screen size more, and females showing an interest in a simpler way to search and find content.



**Question:** Thinking about the entertainment content you watch at home, which three characteristics would improve your viewing experience the most?

## VIDEO CONSUMPTION BY GENRE

Movies will continue to outpace all other video genres in the next 12 months. Consumers are generally less selective in choosing movies than TV programming due to the time commitment of a full television series season. Trailing Millennials may choose their TV series even more carefully than older generations.



**Question:** Thinking about your consumption of video content and programming, do you think you will watch more, about the same, or less of each of the following types of video content in the next 12 months?

## PREFERENCES RELATED TO MOVIE AND TV VIEWING

68%

of U.S. consumers are more selective in watching television series than movies because television series are a full season commitment

76% Trailing Millennials (age 14-25)

72% Leading Millennials (age 26-31)

67% Generation X (age 32-48)

61% Baby Boomers (age 49-67)

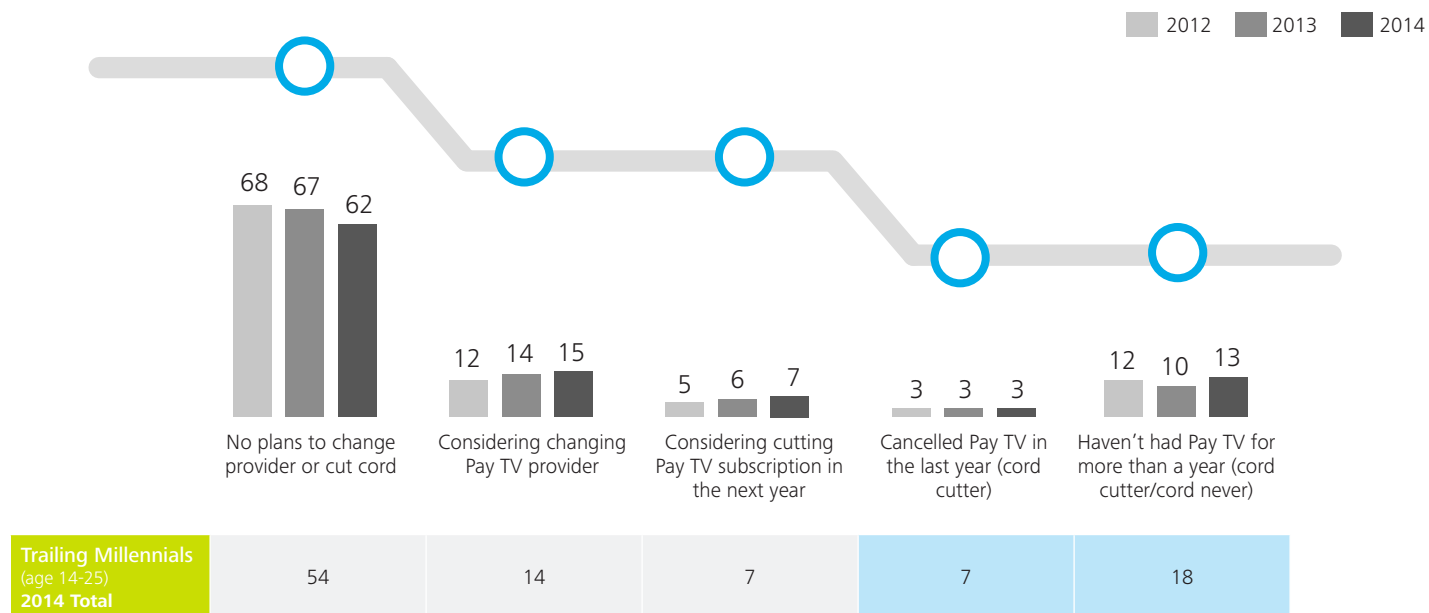
65% Matures (age 68+)

Less  
More

**Question:** Please indicate how much you agree or disagree with the following statements.

## PAY TV SUBSCRIPTION ROADMAP

There was a decrease in the number of Pay TV subscribers that say they have no plans to change providers or cut the cord this year. A quarter of Trailing Millennials either cancelled their Pay TV subscriptions in the last 12 months or haven't had Pay TV for more than a year. This trend is more pronounced among the older Trailing Millennials aged 19-25 than the younger 14-18 year olds.



Question: Which of the following statements best describes you and/or your household with regard to pay television service?

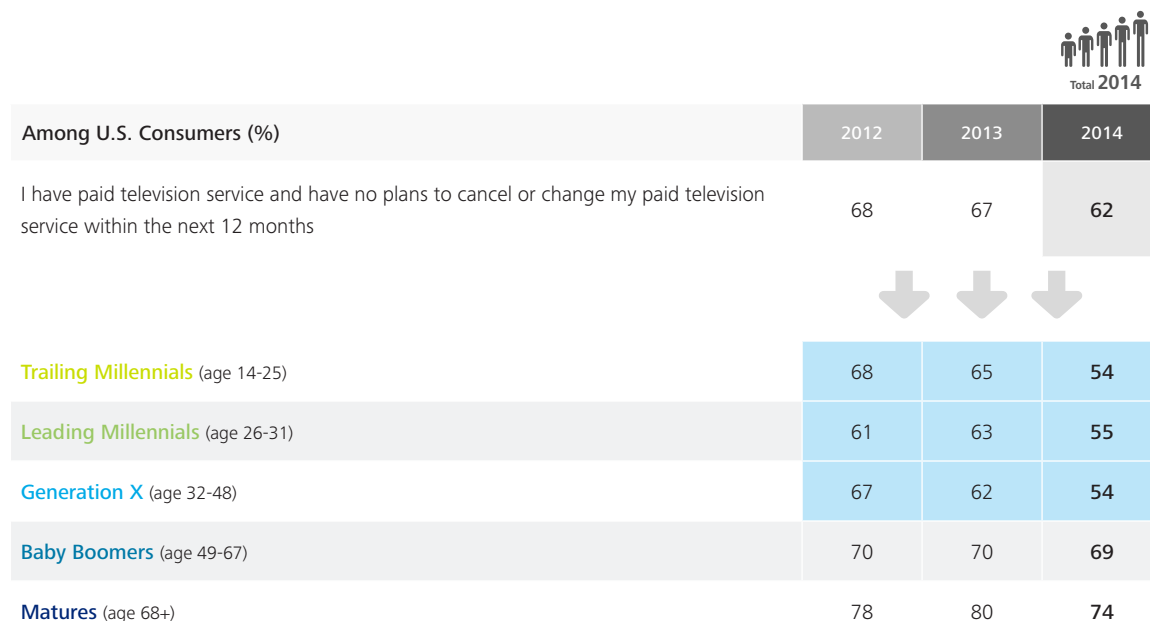


25%

Ages 14-18: 21%  
Ages 19-25: 28%

## INTEREST IN CHANGING OR CANCELLING PAY TV SERVICE







Millennials and Xers are significantly more open to change, with only about half saying they have no plans to change.



Question: Which of the following statements best describes you and/or your household with regard to pay television service?







## PAY TV SUBSCRIPTION PREFERENCES

Consumers are increasingly interested in purchasing TV channels in à la carte packages, with over half saying they prefer to subscribe only to the channels they watch regularly. The trend is consistent across the generations, and occurs in parallel with a decrease in the number of channels watched on average.

	 Total 2014			 14-25	 26-31	 32-48	 49-67	 68+
Among Total U.S. Consumers with Pay TV Service (%)	2012	2013	2014	Trailing Millennials	Leading Millennials	Generation X	Baby Boomers	Matures
Subscribe only to the channels I watch regularly	42	47	52	52	49	54	51	53
Subscribe to a package of channels even if I do not regularly watch them all	50	47	40	39	42	43	40	38
Purchase only those individual shows and events I want to watch	8	6	8	9	9	4	9	9

**Question:** In terms of how you purchase paid television, what would be your preference of the choices listed below?

## AVERAGE NUMBER OF CHANNELS WATCHED

	 Total 2014			 14-25	 26-31	 32-48	 49-67	 68+
Among Total U.S. Consumers with Pay TV Service (%)	2012	2013	2014	Trailing Millennials	Leading Millennials	Generation X	Baby Boomers	Matures
Average Number of Channels	15	13	11	9	11	11	12	10

**Question:** Think about the channels you watch on your paid television service. How many channels do you watch regularly?

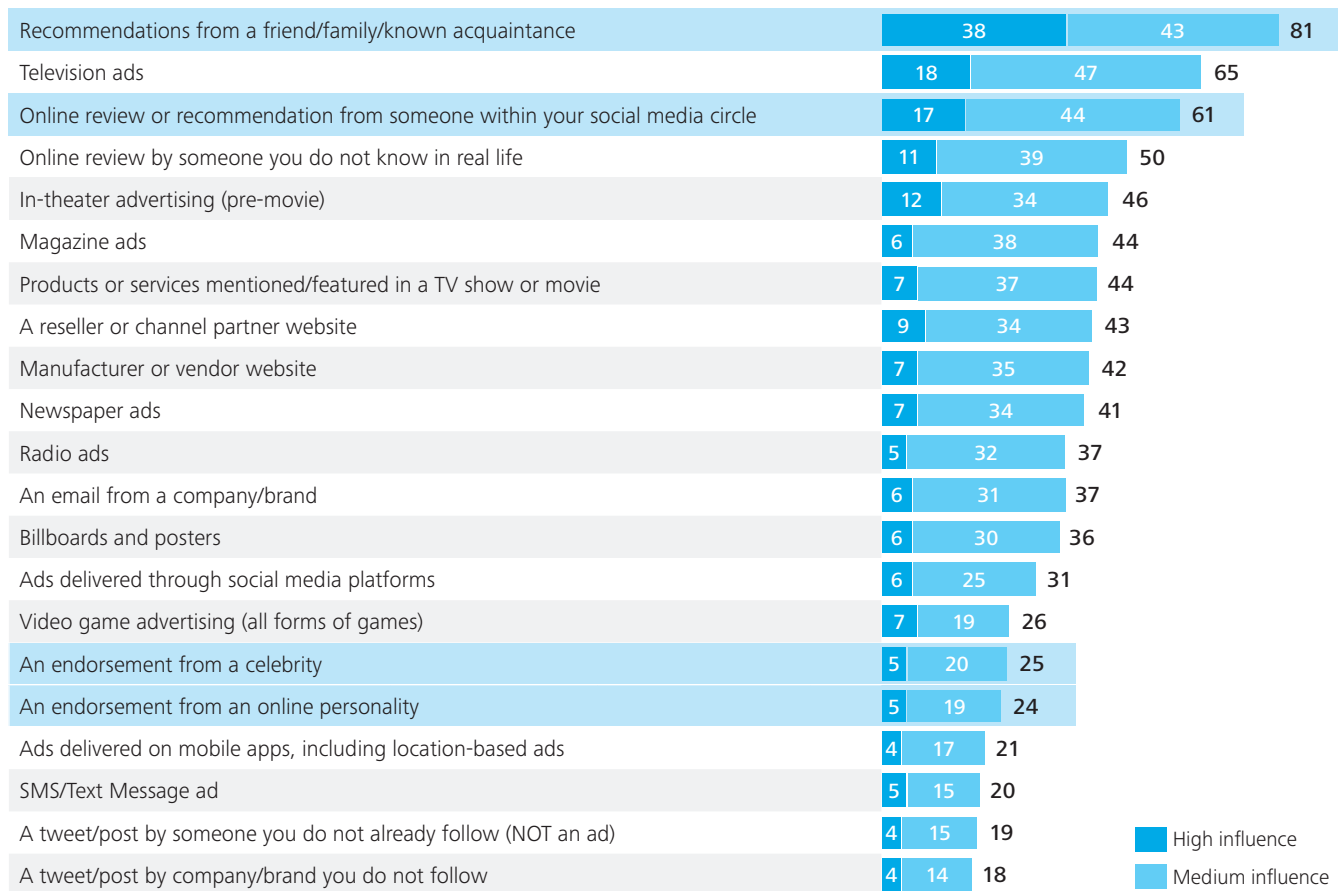


# The current state of advertising



## BUYING DECISION INFLUENCE

Personal recommendations, including those from within social media circles, play a major role in buying decisions. Interestingly, consumers say that an endorsement from an online personality is just as influential as one from a celebrity.

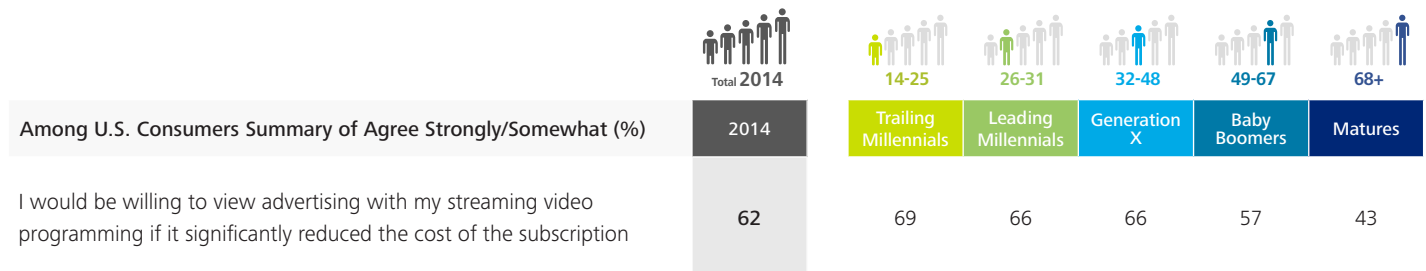


**Question:** To what degree do the following influence your buying decisions?

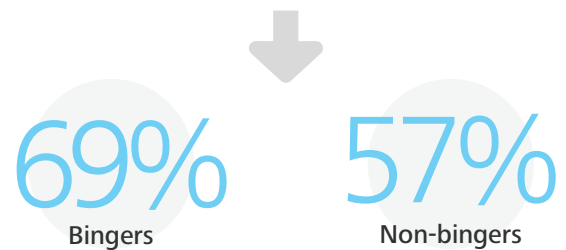
## ADVERTISING AND STREAMING SERVICES

Consumers show a willingness to endure advertising in exchange for discounted content. Two-thirds of consumers say they would be willing to view advertising with streaming video programming if it significantly reduced the cost of the subscription.

Bingers have a higher willingness to endure advertising in exchange for discounted content with 69% of bingers saying they would be willing to view advertising with their streaming video advertising if it significantly reduced the cost of their subscription.



*Question: Please indicate how much you agree or disagree with the following statements.*



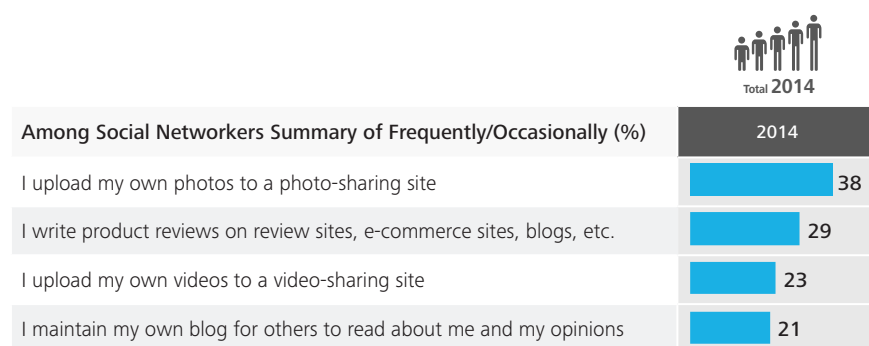
*Willingness to view advertising with streaming video if it significantly reduced cost of subscription*

# Content originators



## BUYING DECISION INFLUENCE

Eight percent of consumers are “Content Originators,” meaning they actively upload photos and videos, write reviews, and maintain blogs. Content Originators are bigger consumers of content in all forms, but especially movies – close to 90% stream movies on a monthly basis as compared to just half of non-Content Originators. They also purchase/rent far more on-demand and digital downloads.

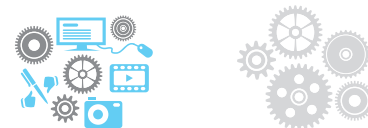








8%

of U.S. consumers are “core” Content Originators, meaning they do all of the four activities

**Question:** Thinking about social networking, how frequently do you do each of the following?

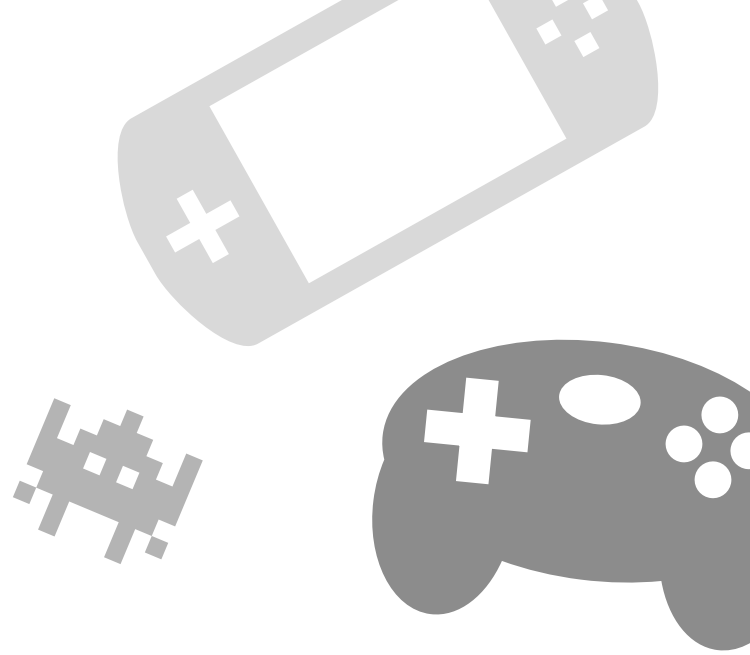
## FREQUENCY OF STREAMING, RENTING AND PURCHASING MOVIES



Summary of Frequently/Occasionally (at least monthly) (%)		2014	Content Originator	Non-Content Originator
	Online Streaming Service	56	88	53
	Purchase/Rent via On Demand/Pay-Per-View	26	77	21
	Rent Digital Download	21	72	17
	Purchase Digital Download	23	71	18
	Rent DVD/Blu-Ray	35	69	32
	Purchase DVD/Blu-Ray	29	69	26

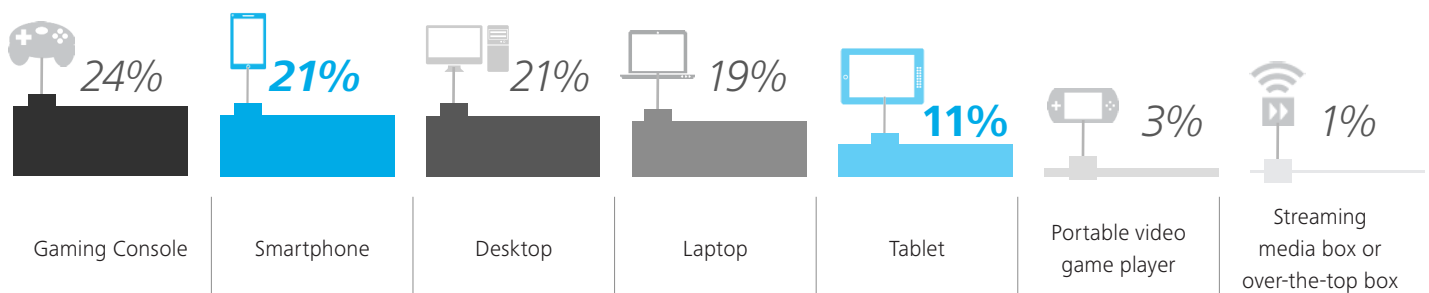
**Question:** Thinking about how you watch movies, how frequently do you do each of the following?

# Personalization of gaming



## SHARE OF TIME SPENT ON GAMING PLATFORMS

Almost 40% of U.S. Consumers and 54% of Trailing Millennials play video games on a daily or weekly basis. Gamers are spending a third of their playing time on mobile platforms (smartphones and tablets), perhaps because of the proliferation of casual games (e.g. puzzles and word games). Gaming consoles are increasingly being used for content consumption, especially watching/ streaming movies.



**Question:** Of the time you spend playing games (all types of games), what percentage of time do you play games on the following devices?

## CONSOLE USAGE



Among Those With Consoles (%) activities performed on gaming console	2013	2014
Summary of Top 3 Ranking		
Play video games	88	86
Watch movies (Blu-ray/DVD)	42	48
Stream TV/Movie content	32	38
Watch online content	26	29
Browse the Internet	16	16
Fitness training/education	16	15
Stream music	12	15
View home videos/photos	7	7

**Question:** What top three activities are you doing on your gaming console?

## GAMING FREQUENCY

38%

of U.S. consumers play games at least weekly

54%

of Trailing Millennials play games at least weekly

**Question:** How often do you play videogames (regardless of type, include mobile, console, phone-based, laptop and/or desktop, and tablet-based games)?

# Social media as news

facebook

#

## MOST POPULAR NEWS PLATFORMS

While television is still the top mechanism for getting news, its importance has been decreasing over the last several years. Social media sites are becoming a primary source of news for Trailing Millennials.

	Total 2014							
				14-25	26-31	32-48	49-67	68+
Among Total U.S. Consumers (%)	2012	2013	2014	Trailing Millennials	Leading Millennials	Generation X	Baby Boomers	Matures
Television	57	49	48	28	40	45	61	70
Online news sites not associated with a newspaper	17	19	12	15	10	13	11	4
Social media sites	4	9	11	26	15	10	3	1
Online version of newspapers	9	10	10	7	16	13	8	4
Print newspapers	6	6	7	3	4	5	10	15
Radio	3	4	5	5	3	7	5	2
Variety/talk shows	—	—	2	4	5	1	0	0
News aggregators	—	—	2	3	3	3	1	0
I do not follow the news	3	4	4	8	5	3	2	3

*Question: Which of the following is your most frequently used mechanism to get news?*

# About Deloitte's Digital Democracy Survey

- This is the ninth edition of research commissioned by Deloitte's Technology, Media and Telecommunications (TMT) practice.
- Focusing on four generations and five distinct age groups, the survey provides insight into how consumers ages 14 and above are interacting with media, products and services, mobile technologies, the Internet, attitudes and behaviors toward advertising and social networks—and what their preferences might be in the future.
- Fielded by an independent research firm from 11/3/2014 to 11/19/2014, the survey employed an online methodology among 2,076 U.S. consumers.
- All data is weighted back to the most recent census data to give a representative view of what U.S. consumers are doing.
- For meaningful changes, we look for differences in year-over-year tracking and generations of at least five percentage points.

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## FOR MEDIA INQUIRIES

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