

# MOM KNOWS BEST: HOW WORKING AND STAY-AT-HOME MOMS USE LOCAL MEDIA

Thinking of what comes next is what differentiates true innovators from the rest of the world. In many ways, mothers are the *first innovators*. They are the ones typically juggling family, work and leisure—often at the same time. Anything that can make their collective lives easier and provide them with a way to make it all work can only help—whether it be learning about their community through their local news or taking a work call on the way to drop the kids off at school.

Enter the convergence of media consumption and motherhood.

The latest issue of the Nielsen Total Audience Report focused on women, specifically working and non-working mothers. Nielsen's Local Watch Report is designed to enable the industry to understand how media usage of mothers varies by geography. After all, according to our national TV panel, there are 25.1 million females aged 18-49 living in their own home who have children under the age of 12. This is the definition of moms used throughout the report. It's no secret that media choices vary by region. It's no different with mothers, and Nielsen's comprehensive information on our panelists allows us to divide them into working moms and stay-at-home moms.

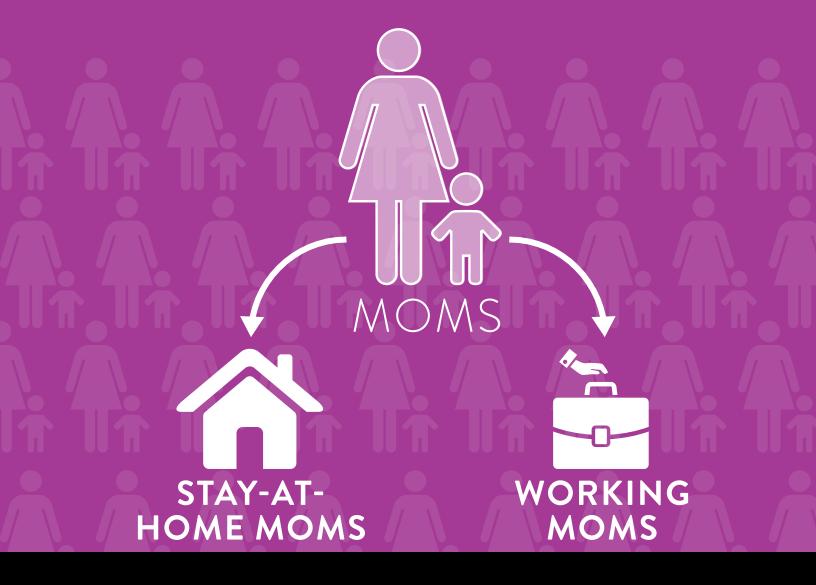
This issue of Nielsen's Local Watch Report presents insights on these often distinct segments, highlighting mothers' regional characteristics and television usage at the local market level in order to help marketers uncover unknown opportunities.

Consider this: Nashville and Tulsa have the highest percentage of stay-at-home moms, while Providence and Knoxville have the highest percentage of working moms. On average in Local People Meter (LPM) markets, stay-at-home moms spend an additional hour with the TV screen each day as compared to working moms. Due to the fact that they spend more time at home, they have higher usage of both Live TV and TV-connected devices.

Additionally, we examined the differences in local news consumption between the two groups. Across LPM markets, working moms watch more early morning and late news compared to stay-at-home moms. However, stay-at-home moms watch more mid-day and evening news. Stay-at-home moms watch the most news in St. Louis, while working moms watch the most in Pittsburgh.

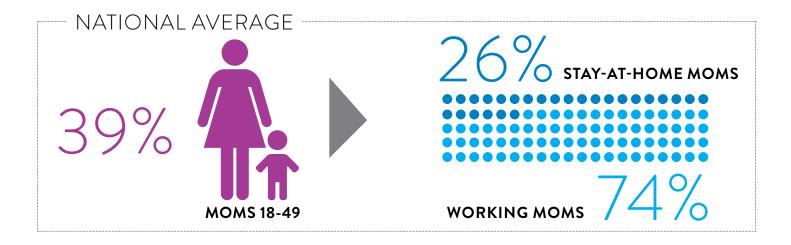
Whether working or stay-at-home, moms 18-49 with young children play an active and powerful role within local economies. Messaging to these valuable consumers offers opportunities to extend reach, boost ROI as well as create continued social buzz as they go about their busy day.

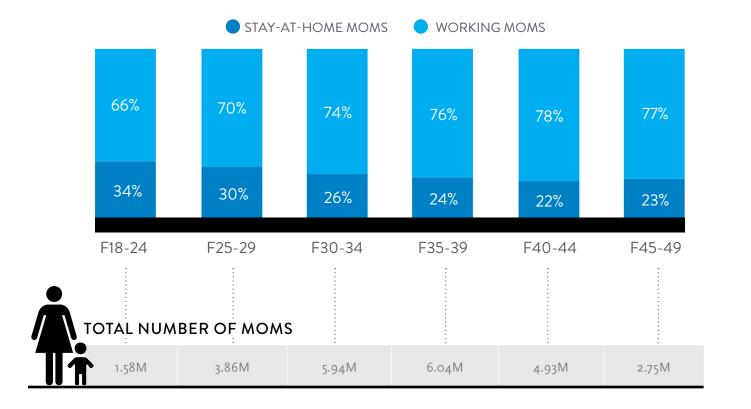
MEDIA BEHAVIORS OF MOMS CAN DIFFER GREATLY DEPENDING ON WHETHER THEY STAY AT HOME WITH THEIR CHILDREN OR THEY ARE WORKING MOMS



THERE ARE 25.1 MILLION FEMALES 18-49 IN THEIR OWN HOME, WHO HAVE A CHILD UNDER THE AGE OF 12. FOR THE PURPOSES OF THIS STUDY, THESE ARE "MOMS". THEY REPRESENT 39% OF ALL FEMALES 18-49. SOME OF THESE MOMS WORK AND SOME ARE "STAY-AT-HOME".

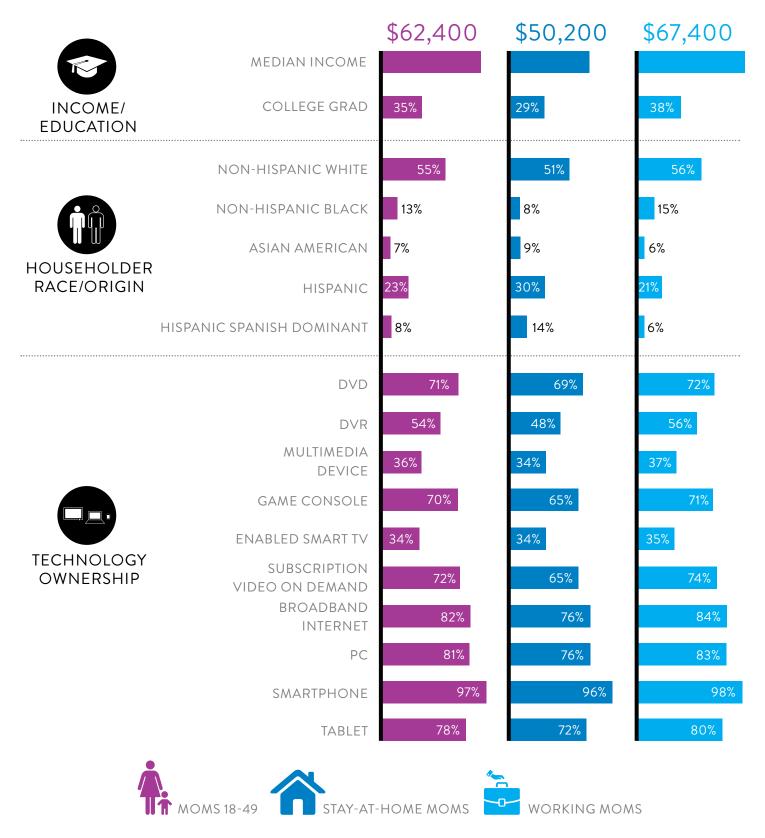
# **COMPOSITION OF MOMS (NATIONAL)**





Source: Nielsen National Panel, 9/15/16.

# STAY-AT-HOME AND WORKING MOMS PROFILE

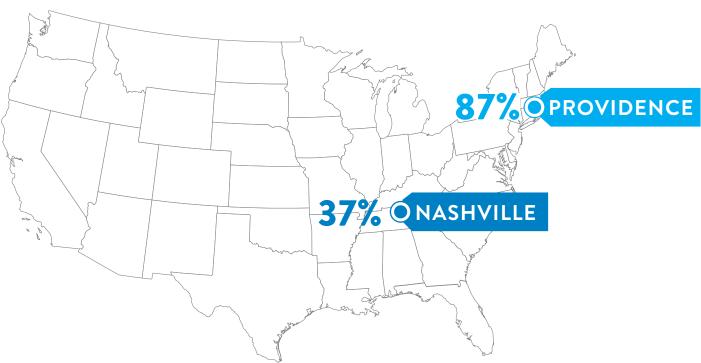


Source: Nielsen National Panel, 9/15/16.

# LOOKING A BIT CLOSER

Each market has its own story. When examining the composition of moms across the country, the highest share of working moms can be found in Providence. Conversely, Nashville has the highest share of stay-at-home moms. The following pages examine the local landscape of stay-at-home and working moms, providing a detailed look at how they consume media in a typical day.





# **COMPOSITION OF MOMS IN LPM MARKETS**

HIGHEST SHARE OF STAY-AT-HOME MOMS FOUND IN LOS ANGELES

MARKET	TOTAL MOMS 18-49		
LOS ANGELES	1.3M	35.7%	64.3%
PHOENIX	408K	35.1%	64.9%
HOUSTON	651K	34.1%	65.9%
DALLAS	659K	33.5%	66.5%
DETROIT	328K	31.9%	68.1%
SACRAMENTO	308K	29.1%	70.9%
DENVER	336K	28.2%	71.8%
CHARLOTTE	245K	27.0%	73.0%
CHICAGO	774K	26.7%	73.3%
SAN FRANCISCO	509K	26.5%	73.5%
SEATTLE	337K	24.8%	75.2%
PITTSBURGH	168K	24.3%	75.7%
ATLANTA	537K	23.5%	76.5%
PHILADELPHIA	548K	23.3%	76.7%
MINNEAPOLIS	306K	23.3%	76.7%
ORLANDO	264K	22.0%	78.0%
CLEVELAND	266K	21.6%	78.4%
BOSTON	439K	21.2%	78.8%
ST. LOUIS	214K	20.8%	79.2%
WASHINGTON, D.C.	538K	20.5%	79.5%
TAMPA	313K	20.2%	79.8%
BALTIMORE	223K	19.8%	80.2%
NEW YORK	1.5M	19.4%	80.6%
MIAMI	282K	17.3%	82.7%
PORTLAND	187K	17.1%	82.9%

STAY-AT-HOME MOMS

Source: Nielsen market cutbacks (NPOWER); 9/15/2016; excludes BBO homes; percents by market based on average install counts.

WORKING MOMS

# **COMPOSITION OF MOMS IN SET METER MARKETS**

HIGHEST SHARE OF STAY-AT-HOME MOMS FOUND IN NASHVILLE

	IIIOIIL	SHARE OF STAT AT HOME M	OMS FOOTID IT THAS
MARKET	TOTAL MOMS 18-49	5	
NASHVILLE	163K	36.6%	63.4%
TULSA	109K	36.0%	64.0%
SAN DIEGO	223K	35.8%	64.2%
SAN ANTONIO	206K	30.5%	69.5%
SALT LAKE CITY	205K	29.2%	70.8%
LAS VEGAS	154K	29.2%	70.8%
ALBUQUERQUE	103K	28.6%	71.4%
CINCINNATI	144K	28.4%	71.6%
RALEIGH	212K	28.3%	71.7%
MEMPHIS	111K	28.2%	71.8%
GREENVILLE	123K	27.5%	72.5%
INDIANAPOLIS	155K	27.4%	72.6%
AUSTIN	168K	27.2%	72.8%
OKLAHOMA CITY	115K	26.9%	73.1%
JACKSONVILLE	126K	26.0%	74.0%
GREENSBORO	126K	25.5%	74.5%
WEST PALM BEACH	130K	25.3%	74.7%
NORFOLK	129K	22.9%	77.1%
BIRMINGHAM	122K	22.6%	77.4%
NEW ORLEANS	115K	22.2%	77.8%
BUFFALO	95K	21.7%	78.3%
HARTFORD	160K	21.0%	79.0%
DAYTON	85K	19.8%	80.2%
LOUISVILLE	113K	19.6%	80.4%
COLUMBUS	169K	17.7%	82.3%
FT. MYERS	76K	17.6%	82.4%
RICHMOND	104K	17.6%	82.4%
KANSAS CITY	169K	17.1%	82.9%
MILWAUKEE	157K	15.0%	85.0%

STAY-AT-HOME MOMSWORKING MOMS

85.2%

Source: Nielsen market cutbacks (NPOWER); 9/15/2016; excludes BBO homes; percents by market based on average install counts.

14.8%

13.1%

65K

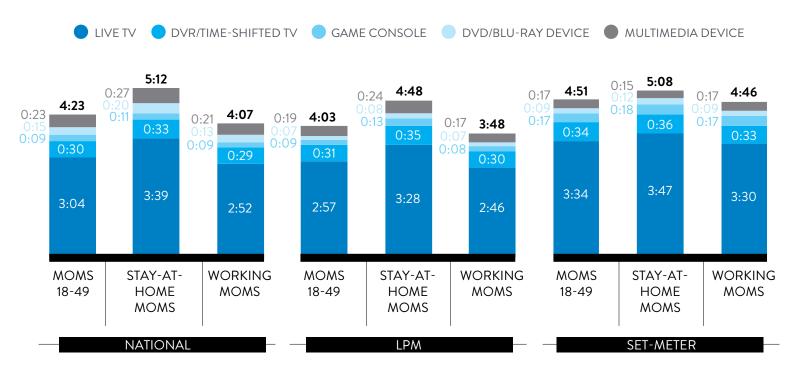
110K

KNOXVILLE

PROVIDENCE

## LIVE TV VIEWING AND TV-CONNECTED DEVICE USAGE

STAY-AT-HOME MOMS WATCH MORE TELEVISION
DAILY TIME SPENT (HH:MM)





# STAY-AT-HOME MOMS WATCH THE MOST TELEVISION IN DETROIT

TAMPA IS THE TOP VIEWING MARKET FOR WORKING MOMS DAILY TIME SPENT WITH TELEVISION (HH:MM) IN LPM MARKETS

										√E T\			/-CO			D DE	VICE	S						
7:32	6:21	90:9	6:03	5:53	5:53	5:45	5:30	5:29	5:21 C	5:15 - XVI	5:5 VI-I	5:13 VOF	ΛΕ <i>Ν</i>	10M 2:00	4:52	4:40	4:38	4:23	4:13	3:59	3:54	3:52	3:40	3:38
2:06	1:06	2:26	2:23	1:22	1:48	1:18	1:27	1:24	1:34	1:18	2:17	1:51	1:13	1:09	1:29	1:35	1:40	1:27	1:01	1:01	1:23	0:42	1:09	:05
5:26	5:15	3:40	3:40	4:31	4:05	4:27	4:03	4:05	3:47	3:57	2:58	3:22	3:56	3:51	3:23	3:05	2:58	2:56	3:12	2:58	2:31	3:10	2:31	2:33 1:05
DETROIT	PHILADELPHIA	PORTLAND	ST. LOUIS	TAMPA	CLEVELAND	WASHINGTON, D.C.	ORLANDO	PITTSBURGH	ATLANTA	PHOENIX	SEATTLE	MINNEAPOLIS	DALLAS	CHARLOTTE	HOUSTON	SACRAMENTO	DENVER	CHICAGO	NEW YORK	MIAMI	BOSTON	SAN FRANCISCO	LOS ANGELES	BALTIMORE
										WC	ORK	ING	MO	MS										
5:13	5:06	4:57	4:39	4:20	4:18	4:18	4:10	4:07	4:02	3:54	3:54	3:52	3:51	3:50	3:43	3:42	3:40	3:36	3:29	3:19	3:14	3:10	3:06	2:39
4:03	3:39 1:27	3:47 1:10	3:27 1:12	3:08 1:12	3:24 0:54	3:10 1:08	2:57 1:13	2:52 1:15	3:06 0:56	2:32 1:22	2:34 1:20	2:54 0:58	2:45 1:06	2:47 1:03	2:51 0:52	2:42 1:00	2:44 0:56	2:35 1:01	2:17 1:12	2:24 0:55	2:04 0:10	2:03 1:07	1:53 1:13	1:54 0:45
TAMPA	PITTSBURGH	CHARLOTTE	ATLANTA	PHOENIX	BALTIMORE	ST. LOUIS	HOUSTON	CLEVELAND	PHILADELPHIA	DETROIT	MINNEAPOLIS	WASHINGTON, D.C.	DALLAS	ORLANDO	MIAMI	NEW YORK	BOSTON	CHICAGO	SEATTLE	LOS ANGELES	PORTLAND	DENVER	SACRAMENTO	SAN FRANCISCO

Source: Nielsen NPOWER.

TV-Connected Devices are sum of DVR/time-shifted TV, DVD, game console, and multimedia devices (audio/video and Internet connected devices); Live TV is calculated by subtracting DVR/Time-shifted ratings from HUT/PUT; F18-49; 8/29/16 – 9/25/16, M-Su 6A-6A Live TV and TV-Connected Device time spent may not exactly sum to total time spent due to rounding.

# STAY-AT-HOME MOMS WATCH THE MOST TELEVISION IN PROVIDENCE

BIRMINGHAM IS THE TOP VIEWING MARKET FOR WORKING MOMS DAILY TIME SPENT WITH TELEVISION (HH:MM) IN SET-METER MARKETS

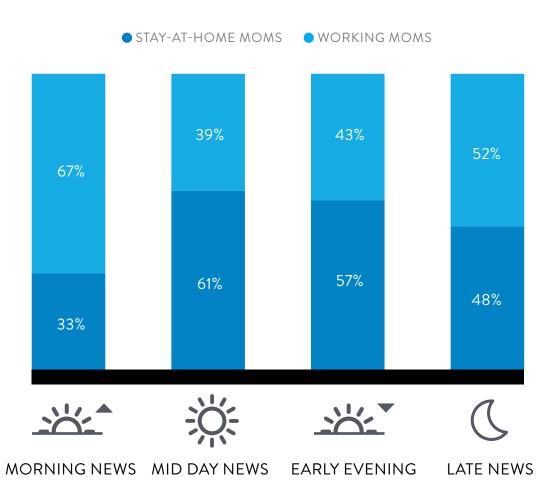
											Lľ	VE T	V	• T .				ECT		DEV	/ICE	ES								
7:40	7:17	6:45	6:42	6:34	6:22	6:20	6:13	60:9	6:07	6:07	6:02	2:29 2:29	5:58 7-47	5:56	2:58 OF	5:11 VE	5:05	4:58 W	4:56	4:51	4:41	4:22	4:21	4:06	4:05	4:04	3:58	3:55	3:46	3:35
2:07	1:40	1:36	2:01	1:39	1:18	1:44	1:33	1:28	1:29	1:32	2:02	1:21	1:18	2:02	1:15	0	1:05	1:10	1:06		2	21	0:42		2			Ω		
5:33	5:37	5:09	4:41	4:55	5:04	4:36	4:40	4:41	4:38	4:35	4:00	4:38	4:40	3:54 2	4:13	3:11 2:00	4:00	3:48	3:50 1:	2:59 1:52	3:14 1:27	3:31 0:51	3:39 0:	2:31 1:35	3:13 0:52	2:30 1:34	2:42 1:16	3:00 0:55	2:42 1:04	2:19 1:16
PROVIDENCE	LOUISVILLE	BUFFALO	CINCINNATI	TULSA	BIRMINGHAM	KNOXVILLE	<b>NEW ORLEANS</b>	JACKSONVILLE	ALBUQUERQUE	<b>OKLAHOMA CITY</b>	NASHVILLE	MEMPHIS	GREENVILLE	NORFOLK	INDIANAPOLIS	RICHMOND	GREENSBORO	RALEIGH	HARTFORD	DAYTON	KANSAS CITY	FT. MYERS	WEST PALM BEACH	COLUMBUS	SAN ANTONIO	LAS VEGAS	SAN DIEGO	SALT LAKE CITY	MILWAUKEE	AUSTIN
												- V	VO	RKI	NG	MC	) MC	S												
6:59	6:58	6:19	5:58	5:40	5:33	5:22	5:19	5:11	5:10	5:07	5:04	5:02	5:02	RKI 00:5	NG Pi:24	4:51 WC	MC 4:20	S 68:4	4:35	4:29	4:21	4:21	4:16	4:08	3:57	3:51	3:51	3:39	3:19	3:17
5:20 1:39 6:59	5:43 1:15 6:58	4:51 1:28 6:19	4:20 1:38 5:58	4:28 1:12 5:40	4:22 1:11 5:33	4:23 0:59 5:22	4:06 1:13 5:19	3:33 1:38 5:11	3:50 1:20 5:10	3:49 1:18 5:07	3:42 1:22 5:04								3:30 1:05 4:35	3:14 1:15 4:29	3:03 1:18 4:21	3:01 1:20 4:21	3:10 1:06 4:16	2:59 1:09 4:08	2:55 1:02 3:57	2:36 1:15 3:51	2:38 1:13 3:51	2:30 1:09 3:39	2:12 1:07 3:19	2:00 1:17 3:17

Source: Nielsen NPOWER.

TV-Connected Devices are sum of DVR/time-shifted TV, DVD, game console, and multimedia devices (audio/video and Internet connected devices); Live TV is calculated by subtracting DVR/Time-shifted ratings from HUT/PUT; F18-49; 8/29/16 - 9/25/16, M-Su 6A-6A.

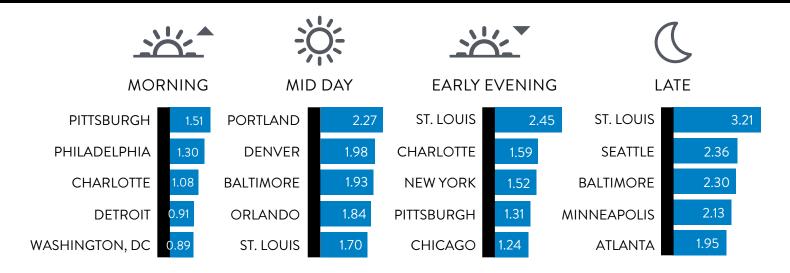
# WORKING MOMS WATCH MORE MORNING AND LATE NEWS

### SHARE OF LOCAL NEWS VIEWING BY MOM TYPE

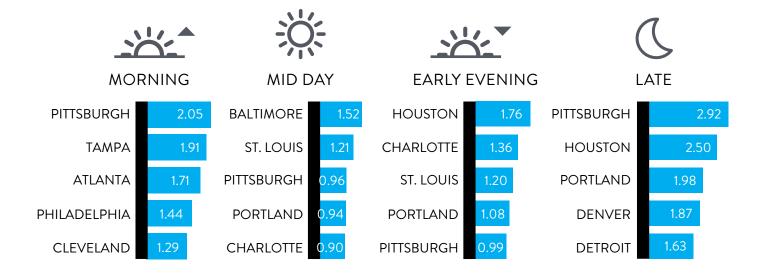


Source: Share of Weighted Average News GRPs in LPM markets (NPOWER); Live+SD; September 2016 National Period (8/29/2016 - 9/25/2016) Morning News= M-F 6-7AM; Mid-day News= 12-12:30PM; Early Evening News=M-F 6-6:30PM (Excludes Fox); Late News=M-F 11-11:30PM (Fox 10-10:30PM); all periods are time-zone adjusted.

## TOP NEWS MARKETS AMONG STAY-AT-HOME MOMS



## TOP NEWS MARKETS AMONG WORKING MOMS



Source: Average Local News Ratings across Networks in LPM Markets (NPOWER); September 2016 National Period (8/29/2016-9/25/2016) Morning News= M-F 6-7AM; Mid-day News= 12-12:30PM; Early Evening News=M-F 6-6:30PM (Excludes Fox); Late News=M-F 11-11:30PM (Fox 10-10:30PM); all periods are time-zone adjusted.

# DIGITAL TOUCHPOINTS AND PURCHASE BEHAVIOR

Whether working or stay-at-home, moms are active spenders and digitally savvy consumers. In addition to traditional media, understanding their purchase behavior and online engagement paints a broader picture of their role in local economies. The following pages leverage Nielsen Buy and Scarborough data to dig deeper into the modern day mom.



# SPENDING POWER OF MOMS

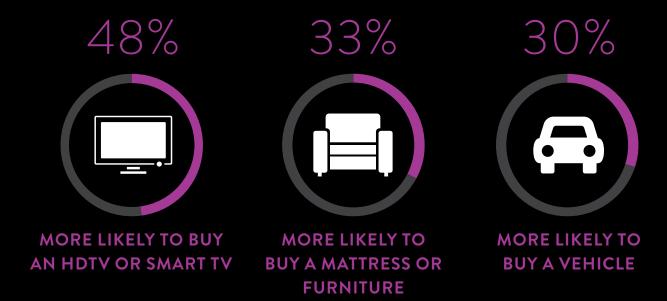


# **MOMS SPENT**

# \$165 BILLION

last year, making up 56% of total spend among all females 18-49 and 21% of total spend among the population

MOMS ARE MORE LIKELY THAN THE AVERAGE FEMALE TO LIVE IN HOUSEHOLDS THAT ARE PLANNING TO SPEND IN KEY LOCAL ADVERTISING CATEGORIES IN THE NEXT YEAR



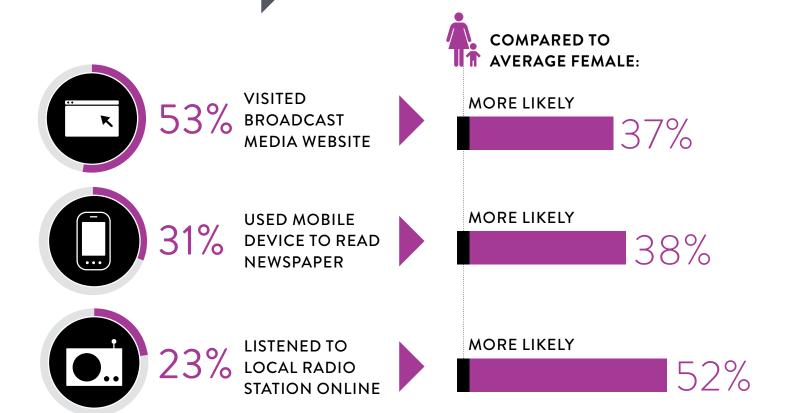
Source: Spend metric supplied by Nielsen Buy, Total US, 12/27/15-12/24/16, Mom = F18-49 with a child =<12; Plan to Buy data supplied by Nielsen Scarborough USA+ R1 2016; Mom= F18-49 parent with a child under 12 in HHLD; Base= Females 18+

# MOMS ARE DIGITALLY ENGAGED



MOMS ARE 21% MORE LIKELY THAN THE AVERAGE FEMALE TO HAVE DOWNLOADED A MEDIA APP IN THE PAST MONTH

# PAST 30 DAYS:



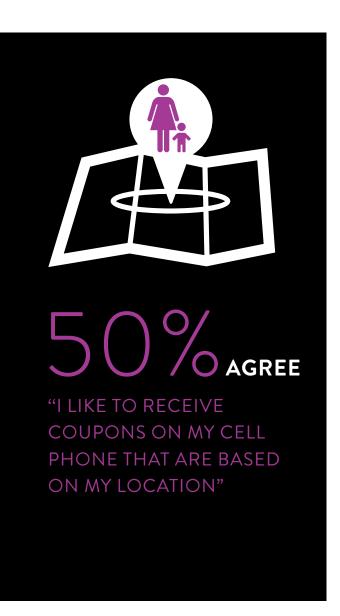
Source: Nielsen Scarborough USA+ R1 2016,

MOM= Females 18-49 parent with a child under 12 in HHLD;

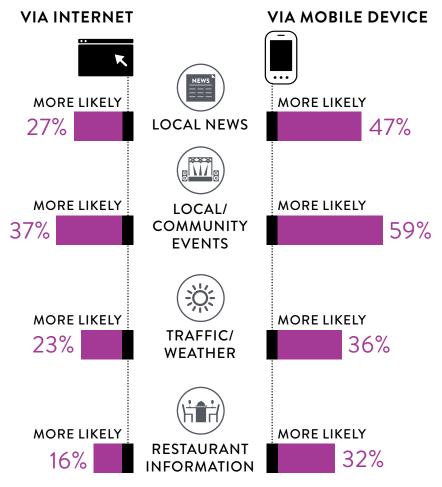
Base= Females 18+

# REACH MOMS ONLINE AND IN STORES

MOMS ARE LOCALLY ENGAGED AND INVESTED IN THE COMMUNITY ONLINE AND ON THE GO



# WAYS USED DEVICE PAST 30 DAYS COMPARED TO AVERAGE FEMALE ADULT

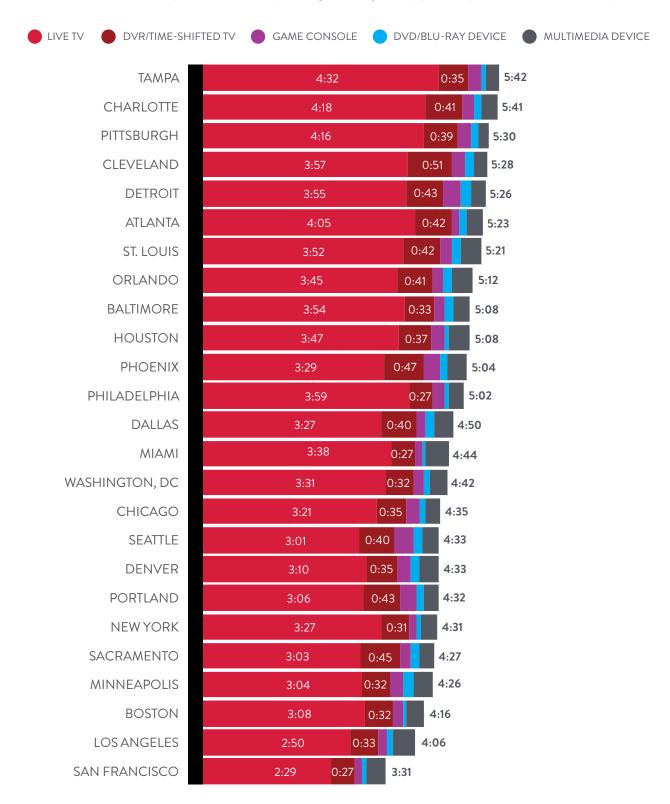


Source: Nielsen Scarborough USA+ R1 2016. MOM= Females 18-49 parent with a child under 12 in HHLD. Base= Females 18+



#### DAILY TIME SPENT PER ADULT 25-54 PER DAY (LPM)

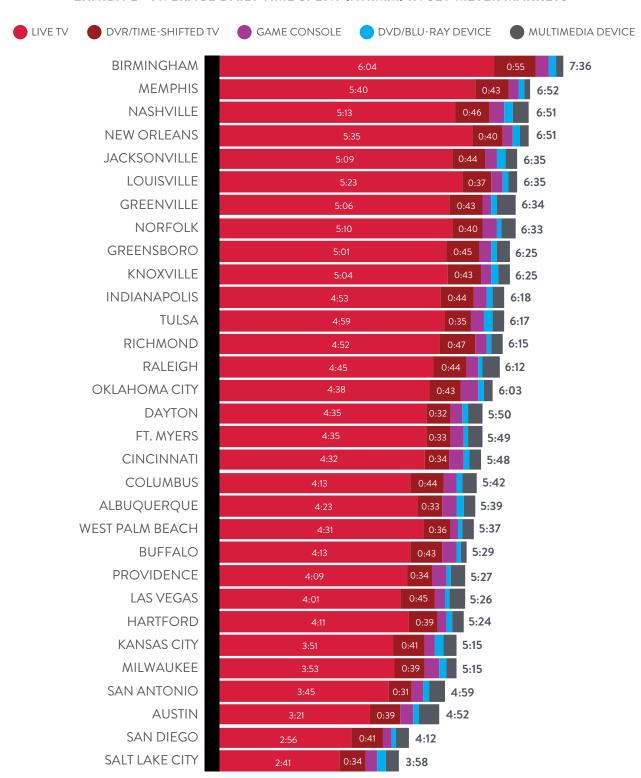
#### EXHIBIT 1 - AVERAGE DAILY TIME SPENT (HH:MM) IN LOCAL PEOPLE METER MARKETS



Source: NLTV, Live Data Stream, 8/29/16-9/25/16, M-Su 3A-3A, P25-54, Multimedia Device includes XWWW and AOVO.

### DAILY TIME SPENT PER ADULT 25-54 PER DAY (SET METER)

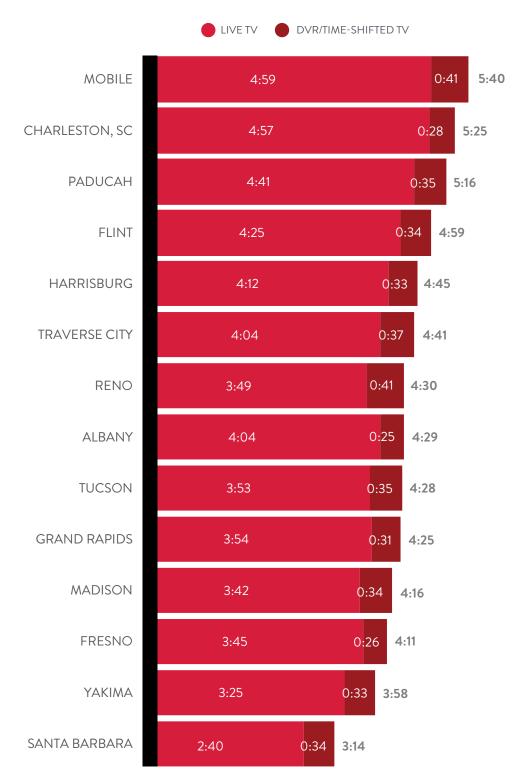
EXHIBIT 2 - AVERAGE DAILY TIME SPENT (HH:MM) IN SET-METER MARKETS



Source: NLTV, Live Data Stream, 8/29/16-9/25/16, M-Su 3A-3A, P25-54, Multimedia Device includes XWWW and AOVO.

# DAILY TIME SPENT PER ADULT 25-54 PER DAY (CODE READER)

EXHIBIT 3 - AVERAGE DAILY TIME SPENT (HH:MM) IN CODE READER MARKETS



Source: NLTV, Live Data Stream, 8/29/16-9/25/16, M-Su 3A-3A, P25-54.

TABLE 1A - AVERAGE DAILY TIME SPENT IN LPM MARKETS: YEAR OVER YEAR COMPARISON

MARKET	LIVI	E TV	DVR/ SHIFT	TIME- ED TV		ME SOLE	DVD,	BLU- EVICE		MEDIA /ICE	INTE ON	RNET A PC		AM ON PC	RAC	OIO*
	15- SEPT	16- SEPT	15- SEPT	16- SEPT	15- SEPT	16- SEPT	15- SEPT	16- SEPT	15- SEPT	16- SEPT	15- SEPT	16- SEPT	15- SEPT	16- SEPT	15- SEPT	16- SEPT
ATLANTA	4:23	4:05	0:45	0:42	0:09	0:10	0:08	0:07	0:13	0:19	1:48	1:46	0:25	1:02	2:11	2:18
BALTIMORE	4:31	3:54	0:30	0:33	0:18	0:12	0:05	0:10	0:16	0:19	2:05	1:36	1:19	0:33	2:21	2:17
BOSTON	3:21	3:08	0:36	0:32	0:12	0:11	0:06	0:05	0:10	0:20	1:27	1:21	0:14	0:18	2:19	2:12
CHARLOTTE	3:52	4:18	0:38	0:41	0:13	0:15	0:10	0:07	0:14	0:20	1:33	1:24	0:16	0:26	2:22	2:29
CHICAGO	3:29	3:21	0:38	0:35	0:13	0:14	0:08	0:07	0:11	0:18	1:28	1:26	0:26	0:35	2:23	2:22
CLEVELAND	4:13	3:57	0:45	0:51	0:13	0:15	0:08	0:11	0:08	0:14	1:41	1:39	0:24	0:28	2:30	2:28
DALLAS	3:38	3:27	0:44	0:40	0:13	0:11	0:10	0:09	0:15	0:23	1:32	1:40	0:23	0:42	2:26	2:36
DENVER	3:07	3:10	0:34	0:35	0:16	0:15	0:09	0:11	0:12	0:22	2:06	1:42	0:17	0:34	2:24	2:21
DETROIT	4:07	3:55	0:42	0:43	0:11	0:20	0:08	0:11	0:10	0:17	1:38	1:22	0:15	0:52	2:22	2:24
HOUSTON	3:47	3:47	0:34	0:37	0:10	0:15	0:08	0:06	0:16	0:23	1:20	1:28	0:36	0:34	2:41	2:36
LOS ANGELES	3:00	2:50	0:33	0:33	0:10	0:10	0:07	0:07	0:14	0:26	1:40	1:39	0:26	0:43	2:23	2:37
MIAMI	3:37	3:38	0:27	0:27	0:09	0:09	0:08	0:04	0:11	0:26	1:32	1:36	1:02	0:33	2:19	2:27
MINNEAPOLIS	2:58	3:04	0:29	0:32	0:13	0:16	0:08	0:11	0:12	0:23	1:02	1:06	0:24	0:32	2:25	2:33
NEW YORK	3:37	3:27	0:30	0:31	0:13	0:09	0:04	0:05	0:13	0:19	1:45	1:46	0:22	0:36	2:09	2:16
ORLANDO	3:46	3:45	0:42	0:41	0:14	0:12	0:08	0:09	0:16	0:25	1:37	1:21	0:25	0:40	2:34	2:29
PHILADELPHIA	4:16	3:59	0:27	0:27	0:13	0:14	0:07	0:05	0:11	0:17	1:30	1:38	0:25	0:33	2:32	2:35
PHOENIX	3:53	3:29	0:45	0:47	0:21	0:19	0:10	0:08	0:13	0:21	1:25	1:39	0:21	0:29	2:30	2:37
PITTSBURGH	4:12	4:16	0:33	0:39	0:15	0:14	0:09	0:09	0:06	0:12	2:05	1:33	0:38	0:18	2:32	2:33
PORTLAND	3:07	3:06	0:33	0:43	0:21	0:18	0:10	0:09	0:16	0:16	1:28	2:07	0:24	0:37	2:35	2:19
SACRAMENTO	3:18	3:03	0:46	0:45	0:13	0:12	0:09	0:10	0:15	0:17	1:21	1:20	0:38	1:22	2:11	2:18
SAN FRANCISCO	2:37	2:29	0:33	0:27	0:10	0:08	0:06	0:06	0:15	0:21	1:37	1:39	0:33	0:18	2:05	2:11
SEATTLE	3:07	3:01	0:34	0:40	0:19	0:23	0:10	0:09	0:12	0:20	1:29	1:26	0:31	0:43	2:20	2:13
ST. LOUIS	4:06	3:52	0:43	0:42	0:15	0:13	0:10	0:11	0:09	0:23	1:06	1:46	0:52	0:29	2:37	2:26
TAMPA	4:33	4:32	0:31	0:35	0:16	0:14	0:10	0:06	0:13	0:15	1:42	1:21	0:42	0:25	2:26	2:15
WASHINGTON, DC	3:25	3:31	0:31	0:32	0:11	0:13	0:07	0:07	0:17	0:19	1:20	1:22	0:17	0:17	2:06	2:08

Source: Nielsen, Persons 25-54, Total Day. See sourcing page for methodology details.

<sup>\*</sup>Radio surveys are OCT16 and OCT15 (equivalent to September calendar).

TABLE 1B - AVERAGE DAILY TIME SPENT WITH TELEVISION BY ETHNICITY: YEAR OVER YEAR COMPARISON

HISPANIC	LIV	/E TV		/TIME- TED TV		AME ISOLE		BLU-RAY VICE		IMEDIA VICE
	15- SEPT	16- SEPT	15- SEPT	16- SEPT	15- SEPT	16- SEPT	15- SEPT	16- SEPT	15- SEPT	16- SEPT
CHICAGO	2:59	3:04	0:22	0:17	0:16	0:10	0:07	0:08	0:08	0:14
DALLAS	3:19	2:42	0:25	0:19	0:16	0:08	0:06	0:05	0:08	0:19
DENVER	3:24	3:41	0:24	0:21	0:15	0:13	0:06	0:10	0:08	0:29
HOUSTON	3:34	3:04	0:18	0:21	0:04	0:09	0:12	0:08	0:12	0:21
LOS ANGELES	3:15	2:51	0:25	0:23	0:09	0:11	0:07	0:07	0:12	0:21
MIAMI	3:15	3:02	0:16	0:16	0:09	0:12	0:09	0:04	0:11	0:24
NEW YORK	3:43	3:27	0:22	0:15	0:22	0:08	0:04	0:05	0:12	0:20
PHOENIX	4:22	3:42	0:18	0:21	0:16	0:14	0:10	0:07	0:12	0:19
SACRAMENTO	3:08	2:54	0:36	0:36	0:08	0:09	0:13	0:13	0:07	0:09
SAN FRANCISCO	2:40	2:48	0:26	0:22	0:12	0:05	0:05	0:04	0:19	0:20

AFRICAN AMERICAN	LI\	/E TV		/TIME- TED TV		AME ISOLE		BLU-RAY VICE		IMEDIA VICE
	15- SEPT	16- SEPT	15- SEPT	16- SEPT	15- SEPT	16- SEPT	15- SEPT	16- SEPT	15- SEPT	16- SEPT
ATLANTA	5:57	5:28	0:46	0:45	0:10	0:13	0:08	0:06	0:13	0:20
CHICAGO	5:45	5:14	0:40	0:41	0:12	0:17	0:08	0:12	0:08	0:15
DALLAS	5:31	5:15	0:41	0:41	0:21	0:11	0:16	0:14	0:13	0:32
DETROIT	5:56	5:04	0:45	0:40	0:11	0:18	0:11	0:10	0:06	0:22
HOUSTON	5:12	5:35	0:42	0:48	0:21	0:19	0:05	0:03	0:05	0:26
LOS ANGELES	4:18	5:10	0:50	0:59	0:20	0:09	0:11	0:09	0:18	0:26
MIAMI	4:39	5:37	0:24	0:34	0:13	0:09	0:05	0:05	0:06	0:31
NEW YORK	5:30	5:08	0:35	0:31	0:19	0:09	0:05	0:05	0:07	0:15
PHILADELPHIA	6:27	5:20	0:33	0:29	0:19	0:21	0:13	0:05	0:16	0:21
WASHINGTON, DC	5:24	4:53	0:38	0:35	0:13	0:17	0:06	0:03	0:15	0:21

Source: Nielsen, Persons 25-54, Total Day. See sourcing page for methodology details.

TABLE 1C - AVERAGE DAILY TIME SPENT IN SET METER MARKETS: SEPTEMBER 2016

MARKET	LIVE TV	DVR/TIME- SHIFTED TV	GAME CONSOLE	DVD/BLU- RAY DEVICE	MULTIMEDIA DEVICE	INTERNET ON A PC	STREAM ON A PC	RADIO*
ALBUQUERQUE	4:23	0:33	0:18	0:10	0:15	0:57	0:13	2:33
AUSTIN	3:21	0:39	0:17	0:09	0:26	1:18	0:34	2:21
BIRMINGHAM	6:04	0:55	0:18	0:09	0:10	1:16	0:24	2:37
BUFFALO	4:13	0:43	0:18	0:06	0:09	1:03	0:24	2:35
CINCINNATI	4:32	0:34	0:19	0:07	0:16	1:09	0:25	2:27
COLUMBUS, OH	4:13	0:44	0:17	0:09	0:19	2:28	0:31	2:17
DAYTON	4:35	0:32	0:15	0:09	0:19	1:35	1:27	2:23
FT. MYERS	4:35	0:33	0:16	0:07	0:18	1:25	2:03	2:32
GREENSBORO	5:01	0:45	0:15	0:07	0:17	1:48	0:44	2:19
GREENVILLE	5:06	0:43	0:11	0:09	0:25	1:10	0:29	2:20
HARTFORD	4:11	0:39	0:12	0:07	0:15	2:24	0:28	2:19
INDIANAPOLIS	4:53	0:44	0:18	0:08	0:15	1:29	0:41	2:14
JACKSONVILLE	5:09	0:44	0:16	0:10	0:16	1:58	0:20	2:22
KANSAS CITY	3:51	0:41	0:14	0:12	0:17	1:20	1:06	2:25
KNOXVILLE	5:04	0:43	0:14	0:10	0:14	2:06	0:24	2:21
LAS VEGAS	4:01	0:45	0:14	0:06	0:20	1:52	1:01	2:20
LOUISVILLE	5:23	0:37	0:16	0:08	0:11	1:20	0:37	2:13
MEMPHIS	5:40	0:43	0:14	0:08	0:07	2:42	1:36	2:35
MILWAUKEE	3:53	0:39	0:19	0:10	0:14	1:38	0:14	2:41
NASHVILLE	5:13	0:46	0:18	0:12	0:22	1:53	0:27	2:24
NEW ORLEANS	5:35	0:40	0:15	0:09	0:12	1:42	0:56	2:32
NORFOLK	5:10	0:40	0:18	0:06	0:19	1:49	0:28	2:30
OKLAHOMA CITY	4:38	0:43	0:23	0:07	0:12	2:19	0:28	2:19
PROVIDENCE	4:09	0:34	0:19	0:05	0:20	1:37	0:20	2:30
RALEIGH	4:45	0:44	0:14	0:07	0:22	1:15	0:20	2:17
RICHMOND	4:52	0:47	0:16	0:06	0:14	2:03	1:00	2:14
SALT LAKE CITY	2:41	0:34	0:15	0:11	0:17	0:58	0:33	2:05
SAN ANTONIO	3:45	0:31	0:15	0:07	0:21	1:22	0:23	2:52
SAN DIEGO	2:56	0:41	0:12	0:05	0:18	0:51	0:31	2:09
TULSA	4:59	0:35	0:17	0:12	0:14	3:08	2:26	2:16
WEST PALM BEACH	4:31	0:36	0:09	0:06	0:15	1:48	1:46	2:09

Source: Nielsen, Persons 25-54, Total Day. See sourcing page for methodology details.

<sup>\*</sup>Radio survey is OCT16 (equivalent to September calendar).

TABLE 1D - AVERAGE DAILY TIME SPENT IN CODE READER MARKETS: SEPTEMBER 2016

MARKET	LIVE TV	DVR/TIME- SHIFTED TV	INTERNET ON A PC	STREAM ON A PC
ALBANY	4:04	0:25	2:28	1:05
CHARLESTON, SC	4:57	0:28	1:09	0:20
FLINT	4:25	0:34	0:53	0:16
FRESNO	3:45	0:26	1:57	2:23
GRAND RAPIDS	3:54	0:31	1:23	0:31
HARRISBURG	4:12	0:33	1:26	1:05
MADISON	3:42	0:34	2:22	0:09
MOBILE	4:59	0:41	1:11	0:11
PADUCAH	4:41	0:35	1:03	0:30
RENO	3:49	0:41	2:43	1:37
SANTA BARBARA	2:40	0:34	0:46	0:16
TRAVERSE CITY	4:04	0:37	1;22	0:32
TUCSON	3:53	0:35	1:25	0:31
YAKIMA	3:25	0:33	1:13	0:08

Source: Nielsen, Persons 25-54, Total Day. See sourcing page for methodology details

TABLE 2A - DEVICE PENETRATION IN LPM MARKETS: YEAR OVER YEAR COMPARISON

MARKET	S\	/OD	TAI	BLET	SMART	PHONE	SMA	RT TV
	15- SEPT	16- SEPT	15- SEPT	16- SEPT	15- SEPT	16- SEPT	15- SEPT	16- SEPT
ATLANTA	50%	60%	67%	70%	86%	89%	21%	28%
BALTIMORE	52%	55%	62%	67%	83%	86%	19%	25%
BOSTON	53%	60%	62%	67%	80%	84%	20%	28%
CHARLOTTE	48%	58%	55%	58%	80%	86%	17%	23%
CHICAGO	48%	57%	55%	63%	81%	88%	21%	27%
CLEVELAND	41%	47%	51%	58%	71%	77%	19%	25%
DALLAS	51%	59%	54%	63%	85%	89%	23%	30%
DENVER	51%	61%	57%	59%	83%	85%	22%	30%
DETROIT	42%	51%	55%	65%	85%	89%	20%	25%
HOUSTON	45%	53%	60%	64%	88%	92%	25%	27%
LOS ANGELES	54%	61%	61%	65%	88%	90%	22%	31%
MIAMI	44%	51%	56%	59%	85%	90%	21%	27%
MINNEAPOLIS	48%	58%	56%	59%	78%	83%	22%	27%
NEW YORK	52%	60%	63%	69%	84%	89%	24%	32%
ORLANDO	46%	53%	58%	64%	81%	86%	22%	29%
PHILADELPHIA	48%	59%	57%	63%	81%	86%	18%	26%
PHOENIX	50%	55%	57%	62%	80%	85%	20%	28%
PITTSBURGH	39%	50%	47%	56%	66%	77%	16%	22%
PORTLAND	55%	62%	57%	59%	82%	84%	20%	28%
SACRAMENTO	48%	56%	56%	63%	80%	87%	21%	26%
SAN FRANCISCO	55%	63%	62%	68%	83%	87%	22%	28%
SEATTLE	56%	65%	62%	65%	81%	85%	23%	33%
ST. LOUIS	44%	50%	55%	64%	77%	83%	19%	25%
TAMPA	41%	49%	57%	62%	78%	83%	17%	26%
WASHINGTON, DC	56%	63%	66%	69%	85%	89%	26%	32%

Source: Nielsen (NPOWER), TV Households, excludes BBO, SEPT15 = 9/15/15, SEPT16 = 9/15/16

TABLE 2B - DEVICE PENETRATION IN SET METER MARKETS: SEPTEMBER 2016

MARKET	SVOD	TABLET	SMARTPHONE	SMART TV
ALBUQUERQUE	46%	49%	78%	19%
AUSTIN	60%	55%	86%	29%
BIRMINGHAM	44%	46%	79%	18%
BUFFALO	48%	52%	74%	21%
CINCINNATI	52%	55%	80%	22%
COLUMBUS, OH	57%	62%	82%	26%
DAYTON	49%	58%	78%	25%
FT. MYERS	49%	62%	82%	27%
GREENSBORO	48%	54%	77%	21%
GREENVILLE	43%	52%	71%	20%
HARTFORD	60%	62%	81%	27%
INDIANAPOLIS	49%	60%	82%	22%
JACKSONVILLE	53%	67%	85%	28%
KANSAS CITY	54%	54%	77%	25%
KNOXVILLE	44%	59%	81%	24%
LAS VEGAS	55%	56%	85%	30%
LOUISVILLE	48%	61%	79%	19%
MEMPHIS	38%	42%	78%	16%
MILWAUKEE	53%	62%	82%	25%
NASHVILLE	47%	59%	82%	20%
NEW ORLEANS	50%	51%	83%	19%

Source: Nielsen (NPOWER), 9/15/16, TV Households, excludes BBO.

MARKET	SVOD	TABLET	SMARTPHONE	SMART TV
NORFOLK	52%	65%	84%	29%
OKLAHOMA CITY	46%	54%	83%	23%
PROVIDENCE	59%	62%	78%	24%
RALEIGH	54%	61%	85%	27%
RICHMOND	50%	61%	83%	28%
SALT LAKE CITY	67%	63%	83%	27%
SAN ANTONIO	56%	49%	84%	27%
SAN DIEGO	62%	67%	86%	32%
TULSA	46%	56%	82%	22%
WEST PALM BEACH	52%	59%	83%	29%

Source: Nielsen (NPOWER), 9/15/16, TV Households, excludes BBO.

# SOURCING AND METHODOLOGY

#### **TELEVISION METHODOLOGY**

Live TV includes live usage within the measurement period. The September 2016 measurement period is based on the national calendar dates of 8/29/2016-9/25/2016. The September 2015 period referenced in tables 1A and 1B is based on 8/31/2015-9/27/2015. DVR/Time-shifted TV is playback primarily on a DVR but includes playback from video on demand, DVD recorders, server based DVR's and services like Start Over. TV-connected devices (DVD, Game Console, Multimedia Device) includes when these devices are in use for any purpose, not just for accessing media content. For example, Game Console would also include when the game console is being used to play video games. Multimedia Devices is a combination of usage of the Internet Connected Devices viewing source and Audio-Video viewing source. It includes viewing on an Apple TV, Roku, Google Chromecast, Smartphone, Computer/Laptop, etc. connected to the TV. All data was pulled from Nielsen NPOWER and is based on National average minute methodology.

#### **RADIO METHODOLOGY**

Radio estimates featured in tables 1A and 1C are for Nielsen Audio Metros and include both PPM and Diary measured markets. Average Daily Time Spent Listening (TSL) is based on total listeners, Monday-Sunday 6am-6am, Persons 25-54. Data for PPM measured metros are for the October survey period to most closely align with the September calendar month. October 2015 survey dates: 9/10/2015 to 10/7/2016; October 2016 survey dates: 9/8/2016 to 10/5/2016. Data for Diary measured metros are for the Fall survey period. Fall 2015 survey dates: 9/10/2015 to 12/2/2015; Fall 2016 survey dates: 9/8/2016 to 11/30/2016.

#### ONLINE METHODOLOGY

PC estimates featured in tables 1A, 1C and 1D are based on Nielsen Netview and Videocensus data, which combines page views and video streams using panel observation of web activity, supplemented by census data from participating publishers that have tagged their sites and video players. Audiences are projected to the universe of all Internet users in each DMA. Hours:Minutes for Internet and Video use are based on the universe of persons in each market who used the Internet/watched online video. All Internet on a PC numbers are derived from Nielsen NetView, while all Video on a PC metrics are derived from Nielsen VideoCensus. The audience of Video on a PC is a subset of Internet on a PC. All data is based on the September calendar month (9/1/2016-9/30/2016).

# DEFINITION OF MOMS

The below table outlines the methodology used for the Mom segments featured in this report. All data was run in NPOWER. For local markets, the below custom market breaks were crossed with the individual market DMA, corresponding meter type (i.e. Set-Meter or LPM) and excludes BBO Homes. National data includes BBO homes.

TOTAL MOMS 18-49	Age: F18-49 Children: Presence of Children <12 Relationship to HOH: Relationship to HOH=LOH, LOH as HOH, Partner living with but not married HOH
STAY-AT-HOME MOMS 18-49	Age: F18-49 Children: Presence of Children <12 Relationship to HOH: Relationship to HOH=LOH, LOH as HOH, Partner living with but not married HOH Employment Status: Not in Labour Force or Individual Non-Working
WORKING MOMS 18-49	Age: F18-49 Children: Presence of Children <12 Relationship to HOH: Relationship to HOH=LOH, LOH as HOH, Partner living with but not married HOH Employment Status: Individual Working

Source: Nielsen

## **ABOUT NIELSEN**

Nielsen Holdings plc (NYSE: NLSN) is a global performance management company that provides a comprehensive understanding of what consumers watch and buy. Nielsen's Watch segment provides media and advertising clients with Total Audience measurement services for all devices on which content — video, audio and text — is consumed. The Buy segment offers consumer packaged goods manufacturers and retailers the industry's only global view of retail performance measurement. By integrating information from its Watch and Buy segments and other data sources, Nielsen also provides its clients with analytics that help improve performance. Nielsen, an S&P 500 company, has operations in over 100 countries, covering more than 90% of the world's population.

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