

Independent Ad Campaign Analytics

ELECTRICAL CONTRACTOR

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THE CAMPAIGN ANAlytics



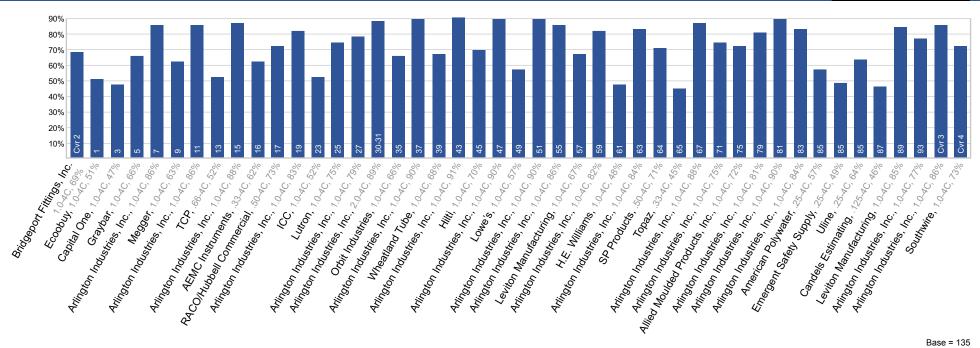
December 2019

Independent Ad Performance News:

Advertising Exposure
Audience Engagement and Involvement
Preliminary and Active Buying Actions

Executive Summary: Ad Traffic by Page Number





Top-performing ads based on audience exposure, engagement and involvement

Recall Seeing Ad Audience Exposure 5.0	Total Recall Seeing	Ad Influence Audience Engagement 6.0	Total Recall Seeing	Total Ad Influence	Buying Action Audience Involvement 7.0	Total Recall Seeing	One or More Buying Actions
Arlington Industries, Inc.	91%	Arlington Industries, Inc.	88%	100%	Arlington Industries, Inc.	84%	87%
Arlington Industries, Inc.	90%	Arlington Industries, Inc.	86%	100%	Southwire	73%	83%
Arlington Industries, Inc.	90%	Arlington Industries, Inc.	82%	100%	Arlington Industries, Inc.	86%	82%
Arlington Industries, Inc.	90%	RACO/Hubbell Commercial	73%	100%	Arlington Industries, Inc.	86%	82%
Arlington Industries, Inc.	90%	Hilti	70%	100%	Arlington Industries, Inc.	86%	82%
Arlington Industries, Inc.	89%	Orbit Industries	66%	100%	Arlington Industries, Inc.	83%	82%
Arlington Industries, Inc.	88%	Arlington Industries, Inc.	86%	99%	Arlington Industries, Inc.	82%	81%
Arlington Industries, Inc.	88%	Arlington Industries, Inc.	86%	99%	Arlington Industries, Inc.	81%	80%
Arlington Industries, Inc.	86%	Arlington Industries, Inc.	86%	99%	Arlington Industries, Inc.	88%	79%
Arlington Industries, Inc.	86%	Arlington Industries, Inc.	84%	99%	Arlington Industries, Inc.	86%	79%

Definitions of Scores





Independent Ad Campaign Analytics

Total Ad Recall - Audience Exposure

- Recall Seeing Respondents who recalled seeing an item; total exposure.
 Shows the ability of an item to attract reader attention.
- Read Some Respondents who, seeing an item, were sufficiently engaged to be drawn into the copy by the headline, layout or content.
- Read Most Respondents who, after beginning to read an item, were interested enough to read most of it.

Total Ad Influence - Audience Engagement

Total Ad Influence scores are based on the percentage of respondents who, after seeing an ad, indicated how it influenced them:

- Make Ad-Brand Connection Those respondents who, after seeing an ad, were able to associate the ad with a company or brand.
- Like the Ad Respondents who report finding an ad appealing.
- More Favorable Opinion Respondents who, after seeing an ad, developed a more positive opinion of the advertised product or service.
- Newly Aware Those respondents who, prior to seeing an ad, were not familiar
 with the advertised item and are now newly aware of it.

NOTE: Percentage totals may not equal 100, due to rounding.

Total Buying Actions - Audience Involvement

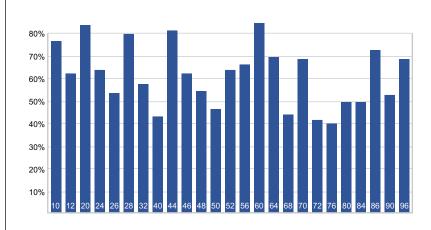
One or More Buying Actions, or Audience Involvement, represents the percentage of respondents who, after reporting they recalled the ad, also indicate how the ad further influenced their buying actions. These audience members saw an ad and indicated that they, or someone in their organization, either has, or is likely to:

- Save the Ad Respondents who indicate interest in an advertised item by either saving an ad for future reference, or are likely do so in the future.
- Discuss the Advertised Product Those respondents who report they are likely to discuss, or have discussed, an advertised item with a colleague.
- Visit Ad's Website Respondents who report they would likely access, or have already accessed, an advertiser's website after seeing an ad.
- Contact Salesperson Respondents who report they would likely contact, or have contacted, a salesperson in response to an advertised product or service.
- Try Product/Service Those respondents who report they would try, or had already tried, an advertised product or service.
- Consider Purchase Those respondents who have considered purchasing a product, or are likely to consider purchasing in the future.
- Recommend or Specify Respondents who have, or are likely to, recommend or specify a product or service.
- Purchase Respondents who have either actively purchased, or are likely to purchase, a product/service after seeing an advertisement.

Editorial



Recall Scores by Page Number



Editorial reader recall scores are based on each editorial item's "Recall Seeing" score. The score for each item studied is expressed as a percentage and presented by page number in the chart above. The first editorial item listed is found on page 10.

	Page Number	Recall Seeing	Read Some	Read Most
SAFETY: Look out above	10	77%	74%	53%
INDUSTRY WATCH	12	63%	76%	48%
The replacements: LEDs	20	84%	77%	68%
LIGHTING: The EC in an IoT world	24	64%	70%	58%
YOUR BUSINESS: The defining difference	26	54%	63%	44%
CODE FAQS: Ampacity determination, retrofitted signs	28	80%	79%	68%
Sustainability turns a corner: outdoor lighting controls	32	58%	71%	51%
Almost heaven: M&L Electric wires Charleston coliseum	40	43%	58%	44%
CODE APPLICATIONS: Know the current	44	82%	77%	65%
POWER QUALITY: Finding a solution	46	63%	68%	47%
PRO TIPS: Sticky feet and staying organized	48	55%	73%	48%
RESIDENTIAL: Ice, washing machines and a phone	50	47%	66%	55%
It's a question of quality: Lighting upgrades	52	64%	78%	46%
CODE INSIDER: Efficient standards	56	67%	76%	51%
NEW PRODUCTS	60	85%	76%	63%
PRODUCTS: Luminaires	64	70%	76%	57%
INDUSTRIAL: Fast-tracked conversion	68	44%	64%	57%
CODE QUIZ: Special circumstances	70	69%	72%	66%
ON THE MARKET: Technologically caring	72	42%	64%	41%
SECURITY FOCUS: Running with the bull market	76	40%	53%	38%
FIBER OPTICS: Illuminating options	80	50%	58%	41%
INTEGRATED SYSTEMS PRODUCTS	84	50%	60%	37%
COOL TOOLS: Clamp meters	86	73%	70%	61%
Remaining focused through change: NECA President Larry.	90	53%	68%	56%
CODE COMMENTS: Changes to chapter 5: special	96	69%	75%	56%
			В	ase = 270

Definitions:

Recall Seeing is a percentage of the base number.

Read Some is a percentage of the "Recall Seeing" score.

Read Most is a percentage of the "Read Some" score.

Percentage totals may not equal 100, due to rounding.

Please see Definitions of Scores (3.0), and Methodology (9.1), for complete information.



Editorial: Reading Habits



Readers comment on the magazine



[Electrical Contractor] keeps me up to date with the latest products and the industry in general

- Owner

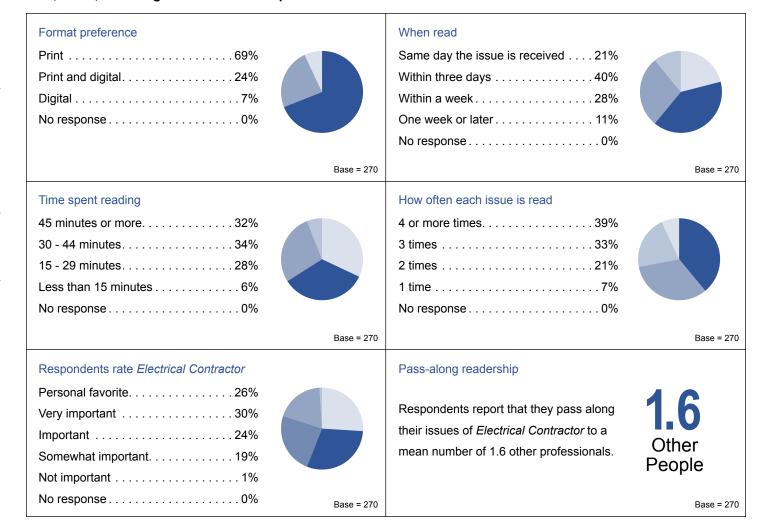
[I read Electrical Contractor to] learn what new items and products are on the market. Code questions are very helpful and keep the mind active. I also enjoy hearing about new methods, industry work and standards as well as projects around the country.

- Signing Supervisor

[Electrical Contractor] helps me stay informed on new products and wiring methods.

— Instructor

How, when, how long and how often respondents read Electrical Contractor



Editorial: Reading Habits continued





[Electrical Contractor] assists in keeping up with current industry trends and products. Always looking for new methods to save on labor

— Technician

[Electrical Contractor] keeps me abreast of trends

— Owner

Good source for summary review of safety and code. Indicator on how the industry is reshaping, highlights issues affecting others in the industry. — General Manager

Industry magazine readership

Eighty-four percent (84%) of respondents are regular readers of Electrical Contractor and report reading three or four of the four most recent issues.

	Read 3 or 4 of 4	Read 4 of 4	Read 3 of 4	Read 2 of 4	Read 1 of 4	Receive & Don't Read	Do Not Receive	No Response
Electrical Contractor	84%	71%	13%	12%	4%	0%	0%	0%
EC&M	45%	38%	7%	9%	3%	2%	24%	17%
Cabling Installation & Maintenance	8%	7%	1%	2%	2%	2%	53%	33%
Communications News	5%	5%	0%	4%	1%	2%	53%	35%
Security Dealer	5%	4%	1%	1%	1%	3%	53%	37%
Security Magazine	5%	5%	0%	2%	3%	1%	51%	38%
								Base = 270

Note: This data defines known readers of Electrical Contractor. No attempt was made to use subscriber lists from the other publications listed above.

Ad Scores: Exposure, Engagement and Involvement Totals by Product Category



About 9.0

	Page	Size & Color	Exposure Total Recall Seeing	Read Some	Read Most	Total	Involvement One or More Buying Actions
Alarm & signal systems	- 3		3				., 3
Wheatland Tube, a division	39	1.0-4C	68%	51%	49%	94%	77%
of Zekelman Industries			3373	0.70		0.70	,•
Lowe's	49	1.0-4C	57%	47%	37%	95%	72%
Category averages:			63%	49%	43%	95%	75%
Boxes, conduit bodies & enclosures							
Arlington Industries, Inc.	43	1.0-4C	91%	68%	56%	94%	73%
Arlington Industries, Inc.	81	1.0-4C	90%	73%	55%	95%	73%
Arlington Industries, Inc.	51	1.0-4C	90%	63%	53%	96%	72%
Arlington Industries, Inc.	30-31	2.0-4C	89%	69%	62%	98%	77%
Arlington Industries, Inc.	67	1.0-4C	88%	64%	54%	97%	79%
Arlington Industries, Inc.	Cvr 3	1.0-4C	86%	71%	59%	99%	79%
Arlington Industries, Inc.	11	1.0-4C	86%	65%	63%	99%	82%
Arlington Industries, Inc.	55	1.0-4C	86%	64%	38%	100%	82%
Arlington Industries, Inc.	83	1.0-4C	84%	71%	55%	99%	87%
Arlington Industries, Inc.	63	1.0-4C	84%	68%	56%	96%	77%
Arlington Industries, Inc.	19	1.0-4C	83%	60%	54%	98%	82%
Arlington Industries, Inc.	59	1.0-4C	82%	70%	53%	100%	81%
Arlington Industries, Inc.	79	1.0-4C	81%	70%	49%	99%	80%
Arlington Industries, Inc.	27	1.0-4C	79%	62%	59%	99%	79%
Arlington Industries, Inc.	93	1.0-4C	77%	65%	44%	99%	70%
Arlington Industries, Inc.	71	1.0-4C	75%	65%	51%	95%	77%
RACO/Hubbell Commercial Construction	17	.50-4C	73%	70%	47%	100%	73%
Allied Moulded Products, Inc.	75	1.0-4C	72%	67%	42%	96%	66%
Bridgeport Fittings, Inc.	Cvr 2	1.0-4C	69%	67%	35%	96%	76%
Orbit Industries	35	1.0-4C	66%	61%	40%	100%	68%
Topaz	65	.33-4C	45%	60%	33%	98%	55%
Category averages:			80%	66%	50%	98%	76%
(continued)							Base = 135

Definitions:

Recall Seeing score is a percentage of the base number.

Read Some is a percentage of the "Recall Seeing" score.

Read Most is the percentage of the "Read Some" score.

Total Ad Influence is a percentage of the "Recall Seeing" score.

One or More Buying Actions is a percentage of the "Recall Seeing" score.

Percentage totals may not equal 100, due to rounding.

Please see Definitions of Scores (3.0), and Methodology (9.1), for complete information.



	Page	Size & Color	Exposure Total Recall Seeing	Read Some	Read Most	Engagement Total Ad Influence	Involvement One or More Buying Actions
Circuit protection							
Leviton Manufacturing	89	1.0-4C	85%	67%	58%	97%	72%
Contractor equipment							
Uline	85	.25-4C	64%	48%	32%	97%	60%
Contractor services (incl. rental & m	echanical)					
Capital One	3	1.0-4C	47%	26%	17%	95%	35%
Candels Estimating	87	.125-4C	46%	41%	37%	92%	38%
Category averages:			47%	34%	27%	94%	37%
Data comm equipment							
ICC	23	1.0-4C	52%	48%	40%	97%	61%
Distribution equipment							
Leviton Manufacturing	89	1.0-4C	85%	67%	58%	97%	72%
Electrical distributor (incl. low volt.)							
Graybar	5	1.0-4C	66%	50%	39%	96%	63%
Uline	85	.25-4C	64%	48%	32%	97%	60%
Lowe's	49	1.0-4C	57%	47%	37%	95%	72%
Category averages:			62%	48%	36%	96%	65%
Energy management							
Lutron	25	1.0-4C	75%	72%	39%	95%	76%
Fasteners, hangers, clamps, suppor	ts						
Arlington Industries, Inc.	63	1.0-4C	84%	68%	56%	96%	77%
Arlington Industries, Inc.	59	1.0-4C	82%	70%	53%	100%	81%
(continued)							Base = 135



			Exposure			Engagement	
	_	Size	Total	Read	Read	Total	One or More
	Page	& Color	Recall Seeing	Some	Most	Ad Influence	Buying Actions
Fasteners, hangers, clamps, suppo	rts continued						
Arlington Industries, Inc.	93	1.0-4C	77%	65%	44%	99%	70%
Arlington Industries, Inc.	71	1.0-4C	75%	65%	51%	95%	77%
SP Products	64	.50-4C	71%	59%	45%	97%	69%
Bridgeport Fittings, Inc.	Cvr 2	1.0-4C	69%	67%	35%	96%	76%
Category averages:			76%	66%	47%	97%	75%
Fire-stop systems							
Hilti	45	1.0-4C	70%	66%	41%	100%	72%
Home automation							
Leviton Manufacturing	57	1.0-4C	67%	55%	43%	96%	58%
Lighting controls							
Lutron	25	1.0-4C	75%	72%	39%	95%	76%
Leviton Manufacturing	57	1.0-4C	67%	55%	43%	96%	58%
Category averages:			71%	64%	41%	96%	67%
Lighting products/fixtures							
TCP	13	.66-4C	52%	48%	28%	95%	55%
Ecoobuy	1	1.0-4C	51%	53%	26%	98%	65%
H.E. Williams	61	1.0-4C	48%	42%	35%	96%	42%
Topaz	65	.33-4C	45%	60%	33%	98%	55%
Category averages:			49%	51%	31%	97%	54%
Meters/instru (test) power & low vol	t.						
Megger	9	1.0-4C	63%	49%	35%	97%	63%
AEMC Instruments	16	.33-4C	62%	50%	23%	97%	55%
Category averages:			63%	50%	29%	97%	59%
(continued)							Base = 135



	Page	Size & Color	Exposure Total Recall Seeing	Read Some	Read Most	Engagement Total Ad Influence	Involvement One or More Buying Actions
Raceway/cable tray/conduit	90	<u> </u>	Tioomi ocomig			7 14 11 11 14 14 14 14	24,9, 101.0
Arlington Industries, Inc.	63	1.0-4C	84%	68%	56%	96%	77%
Wheatland Tube, a division	39	1.0-4C	68%	51%	49%	94%	77%
of Zekelman Industries			33,0	0.70	,	0.70	,
Category averages:			76%	60%	53%	95%	77%
Safety equipment/apparel							
Emergent Safety Supply	85	.25-4C	49%	53%	31%	98%	64%
Wire & cable							
SP Products	64	.50-4C	71%	59%	45%	97%	69%
Wire & cable connectors/terminators	s						
Arlington Industries, Inc.	37	1.0-4C	90%	72%	60%	95%	76%
Arlington Industries, Inc.	47	1.0-4C	90%	70%	59%	95%	75%
Arlington Industries, Inc.	15	1.0-4C	88%	67%	66%	100%	76%
Arlington Industries, Inc.	Cvr 3	1.0-4C	86%	71%	59%	99%	79%
Arlington Industries, Inc.	11	1.0-4C	86%	65%	63%	99%	82%
Southwire	Cvr 4	1.0-4C	73%	68%	48%	97%	83%
Bridgeport Fittings, Inc.	Cvr 2	1.0-4C	69%	67%	35%	96%	76%
American Polywater	85	.25-4C	57%	51%	34%	95%	58%
ICC	23	1.0-4C	52%	48%	40%	97%	61%
Category averages:			77%	64%	52%	97%	74%
Wire & cable management							
Arlington Industries, Inc.	81	1.0-4C	90%	73%	55%	95%	73%
Arlington Industries, Inc.	7	1.0-4C	86%	76%	54%	99%	82%
Arlington Industries, Inc.	83	1.0-4C	84%	71%	55%	99%	87%
(continued)							Base = 135



			Exposure			Engagement	
		Size	Total	Read	Read	Total	One or More
	Page	& Color	Recall Seeing	Some	Most	Ad Influence	Buying Actions
Wire & cable management continued							
Arlington Industries, Inc.	59	1.0-4C	82%	70%	53%	100%	81%
Arlington Industries, Inc.	93	1.0-4C	77%	65%	44%	99%	70%
Category averages:			84%	71%	52%	98%	79%
Wiring devices							
Arlington Industries, Inc.	81	1.0-4C	90%	73%	55%	95%	73%
Arlington Industries, Inc.	7	1.0-4C	86%	76%	54%	99%	82%
Arlington Industries, Inc.	Cvr 3	1.0-4C	86%	71%	59%	99%	79%
Arlington Industries, Inc.	83	1.0-4C	84%	71%	55%	99%	87%
Southwire	Cvr 4	1.0-4C	73%	68%	48%	97%	83%
SP Products	64	.50-4C	71%	59%	45%	97%	69%
Category averages:			82%	70%	53%	98%	79%

Ad Scores: Audience Engagement Totals with Influence Details by Product Category

Ad Exposure 5.0



	Page	Size & Color	Exposure Recall Seeing	Engagement Total Ad Influence	Make Ad-Brand Connection	Like the Ad	More Favorable Opinion	Newly Aware
Alarm & signal systems								
Lowe's	49	1.0-4C	57%	95%	59%	81%	64%	63%
Wheatland Tube, a division of Zekelman Industries	39	1.0-4C	68%	94%	64%	85%	64%	70%
Category averages:			63%	95%	62%	83%	64%	67%
Boxes, conduit bodies & enclo	sures							
Arlington Industries, Inc.	55	1.0-4C	86%	100%	76%	94%	67%	86%
Arlington Industries, Inc.	59	1.0-4C	82%	100%	81%	97%	75%	77%
RACO/Hubbell Commercial Const.	17	.50-4C	73%	100%	62%	87%	68%	52%
Orbit Industries	35	1.0-4C	66%	100%	55%	88%	68%	58%
Arlington Industries, Inc.	Cvr 3	1.0-4C	86%	99%	75%	93%	74%	72%
Arlington Industries, Inc.	11	1.0-4C	86%	99%	85%	96%	70%	87%
Arlington Industries, Inc.	83	1.0-4C	84%	99%	79%	95%	71%	81%
Arlington Industries, Inc.	79	1.0-4C	81%	99%	76%	93%	72%	67%
Arlington Industries, Inc.	27	1.0-4C	79%	99%	78%	93%	69%	69%
Arlington Industries, Inc.	93	1.0-4C	77%	99%	58%	91%	74%	49%
Arlington Industries, Inc.	30-31	2.0-4C	89%	98%	73%	87%	67%	78%
Arlington Industries, Inc.	19	1.0-4C	83%	98%	72%	91%	67%	74%
Topaz	65	.33-4C	45%	98%	47%	73%	65%	43%
Arlington Industries, Inc.	67	1.0-4C	88%	97%	70%	93%	68%	66%
Arlington Industries, Inc.	51	1.0-4C	90%	96%	67%	90%	60%	73%
Arlington Industries, Inc.	63	1.0-4C	84%	96%	70%	89%	66%	68%
Allied Moulded Products, Inc.	75	1.0-4C	72%	96%	48%	82%	57%	58%
Bridgeport Fittings, Inc.	Cvr 2	1.0-4C	69%	96%	74%	87%	74%	71%
Arlington Industries, Inc.	81	1.0-4C	90%	95%	69%	87%	61%	75%
Arlington Industries, Inc.	71	1.0-4C	75%	95%	78%	91%	69%	72%
Arlington Industries, Inc.	43	1.0-4C	91%	94%	72%	85%	66%	75%
Category averages:			80%	98%	70%	90%	68%	69%
(continued)								Base = 135

Definitions:

Total Ad Influence (Audience Engagement) represents the percentage of respondents who, after seeing an ad, reported they did one or more of the four listed items.

All Ad Influence scores are a percentage of the "Recall Seeing" score.

Percentage totals may not equal 100, due to rounding.

Please see Definitions of Scores (3.0), and Methodology (9.1), for complete information.

Ad Scores: Audience Engagement Totals with Influence Details by Product Category continued



	Page	Size & Color	Exposure Recall Seeing	Engagement Total Ad Influence	Make Ad-Brand Connection	Like the Ad	More Favorable Opinion	Newly Aware
Circuit protection								
Leviton Manufacturing	89	1.0-4C	85%	97%	63%	87%	60%	52%
Contractor equipment								
Uline	85	.25-4C	64%	97%	59%	77%	52%	64%
Contractor services (incl. re	ental & me	echanica	1)					
Capital One	3	1.0-4C	47%	95%	60%	67%	47%	56%
Candels Estimating	87	.125-4C	46%	92%	17%	50%	25%	29%
Category averages:			47%	94%	39%	59%	36%	43%
Data comm equipment								
ICC	23	1.0-4C	52%	97%	39%	79%	56%	47%
Distribution equipment								
Leviton Manufacturing	89	1.0-4C	85%	97%	63%	87%	60%	52%
Electrical distributor (incl. le	ow volt.)							
Uline	85	.25-4C	64%	97%	59%	77%	52%	64%
Graybar	5	1.0-4C	66%	96%	67%	81%	52%	71%
Lowe's	49	1.0-4C	57%	95%	59%	81%	64%	63%
Category averages:			62%	96%	62%	80%	56%	66%
Energy management								
Lutron	25	1.0-4C	75%	95%	53%	84%	55%	49%
Fasteners, hangers, clamps	, support	s						
Arlington Industries, Inc.	59	1.0-4C	82%	100%	81%	97%	75%	77%
Arlington Industries, Inc.	93	1.0-4C	77%	99%	58%	91%	74%	49%
(continued)								Base = 13

Ad Scores: Audience Engagement Totals with Influence Details by Product Category continued



		0.	Exposure	Engagement	Make		More	
	Dogo	Size & Color	Recall Seeing	Total Ad	Ad-Brand Connection	Like	Favorable	Newly
	Page			Influence	Connection	the Ad	Opinion	Aware
Fasteners, hangers, clamps,	support	S continued						
SP Products	64	.50-4C	71%	97%	47%	83%	60%	56%
Arlington Industries, Inc.	63	1.0-4C	84%	96%	70%	89%	66%	68%
Bridgeport Fittings, Inc.	Cvr 2	1.0-4C	69%	96%	74%	87%	74%	71%
Arlington Industries, Inc.	71	1.0-4C	75%	95%	78%	91%	69%	72%
Category averages:			76%	97%	68%	90%	70%	66%
Fire-stop systems								
Hilti	45	1.0-4C	70%	100%	62%	88%	73%	65%
Home automation								
Leviton Manufacturing	57	1.0-4C	67%	96%	57%	81%	58%	53%
Lighting controls								
Leviton Manufacturing	57	1.0-4C	67%	96%	57%	81%	58%	53%
Lutron	25	1.0-4C	75%	95%	53%	84%	55%	49%
Category averages:			71%	96%	55%	83%	57%	51%
Lighting products/fixtures								
Ecoobuy	1	1.0-4C	51%	98%	31%	76%	63%	37%
Topaz	65	.33-4C	45%	98%	47%	73%	65%	43%
H.E. Williams	61	1.0-4C	48%	96%	16%	56%	27%	25%
TCP	13	.66-4C	52%	95%	34%	68%	46%	45%
Category averages:			49%	97%	32%	68%	50%	38%
Meters/instru (test) power & l	low volt.							
Megger	9	1.0-4C	63%	97%	55%	84%	57%	64%
AEMC Instruments	16	.33-4C	62%	97%	39%	72%	48%	43%
Category averages:			63%	97%	47%	78%	53%	54%
(continued)								Base = 135

Ad Scores: Audience Engagement Totals with Influence Details by Product Category continued



	Page	Size & Color	Exposure Recall Seeing	Engagement Total Ad Influence	Make Ad-Brand Connection	Like the Ad	More Favorable Opinion	Newly Aware
Raceway/cable tray/conduit								
Arlington Industries, Inc.	63	1.0-4C	84%	96%	70%	89%	66%	68%
Wheatland Tube, a division of Zekelman Industries	39	1.0-4C	68%	94%	64%	85%	64%	70%
Category averages:			76%	95%	67%	87%	65%	69%
Safety equipment/apparel								
Emergent Safety Supply	85	.25-4C	49%	98%	45%	82%	64%	44%
Wire & cable								
SP Products	64	.50-4C	71%	97%	47%	83%	60%	56%
Wire & cable connectors/terr	ninators							
Arlington Industries, Inc.	15	1.0-4C	88%	100%	79%	90%	72%	80%
Arlington Industries, Inc.	Cvr 3	1.0-4C	86%	99%	75%	93%	74%	72%
Arlington Industries, Inc.	11	1.0-4C	86%	99%	85%	96%	70%	87%
Southwire	Cvr 4	1.0-4C	73%	97%	54%	90%	75%	41%
ICC	23	1.0-4C	52%	97%	39%	79%	56%	47%
Bridgeport Fittings, Inc.	Cvr 2	1.0-4C	69%	96%	74%	87%	74%	71%
Arlington Industries, Inc.	37	1.0-4C	90%	95%	70%	90%	65%	77%
Arlington Industries, Inc.	47	1.0-4C	90%	95%	77%	86%	69%	76%
American Polywater	85	.25-4C	57%	95%	40%	69%	40%	40%
Category averages:			77%	97%	66%	87%	66%	66%
Wire & cable management								
Arlington Industries, Inc.	59	1.0-4C	82%	100%	81%	97%	75%	77%
Arlington Industries, Inc.	7	1.0-4C	86%	99%	84%	96%	73%	89%
Arlington Industries, Inc.	83	1.0-4C	84%	99%	79%	95%	71%	81%
(continued)								Base = 135

Ad Scores: Audience Engagement Totals with Influence Details by Product Category continued



	Page	Size & Color	Exposure Recall Seeing	Engagement Total Ad Influence	Make Ad-Brand Connection	Like the Ad	More Favorable Opinion	Newly Aware
Wire & cable managemen	t continued							
Arlington Industries, Inc.	93	1.0-4C	77%	99%	58%	91%	74%	49%
Arlington Industries, Inc.	81	1.0-4C	90%	95%	69%	87%	61%	75%
Category averages:			84%	98%	74%	93%	71%	74%
Wiring devices								
Arlington Industries, Inc.	7	1.0-4C	86%	99%	84%	96%	73%	89%
Arlington Industries, Inc.	Cvr 3	1.0-4C	86%	99%	75%	93%	74%	72%
Arlington Industries, Inc.	83	1.0-4C	84%	99%	79%	95%	71%	81%
Southwire	Cvr 4	1.0-4C	73%	97%	54%	90%	75%	41%
SP Products	64	.50-4C	71%	97%	47%	83%	60%	56%
Arlington Industries, Inc.	81	1.0-4C	90%	95%	69%	87%	61%	75%
Category averages:			82%	98%	68%	91%	69%	69%

Base = 135



	Page	Size & Color	Exposure Recall Seeing	Involvement One or More Buying Actions	Save the Ad	Discuss the Advertised Product	Visit Ad's Website	Contact Salesperson	Try Product/ Service	Consider Purchase	Recommend or Specify	Purchase
Alarm & signal systems												
Wheatland Tube, a division	39	1.0-4C	68%	77%	6%	15%	12%	2%	15%	35%	5%	25%
of Zekelman Industries												
Lowe's	49	1.0-4C	57%	72%	14%	14%	14%	3%	22%	27%	9%	34%
Category averages:			63%	75%	10%	15%	13%	3%	19%	31%	7%	30%
Boxes, conduit bodies & en	closures											
Arlington Industries, Inc.	83	1.0-4C	84%	87%	12%	20%	17%	3%	20%	32%	6%	36%
Arlington Industries, Inc.	11	1.0-4C	86%	82%	8%	12%	10%	1%	15%	27%	8%	47%
Arlington Industries, Inc.	55	1.0-4C	86%	82%	11%	16%	15%	3%	17%	30%	8%	31%
Arlington Industries, Inc.	19	1.0-4C	83%	82%	12%	10%	12%	3%	11%	34%	9%	24%
Arlington Industries, Inc.	59	1.0-4C	82%	81%	12%	12%	15%	2%	13%	38%	4%	31%
Arlington Industries, Inc.	79	1.0-4C	81%	80%	16%	16%	16%	5%	13%	40%	7%	22%
Arlington Industries, Inc.	67	1.0-4C	88%	79%	11%	14%	16%	1%	13%	39%	8%	22%
Arlington Industries, Inc.	Cvr 3	1.0-4C	86%	79%	9%	13%	13%	3%	20%	31%	8%	30%
Arlington Industries, Inc.	27	1.0-4C	79%	79%	13%	13%	12%	2%	16%	33%	6%	32%
Arlington Industries, Inc.	30-31	2.0-4C	89%	77%	9%	13%	11%	2%	16%	35%	13%	26%
Arlington Industries, Inc.	63	1.0-4C	84%	77%	10%	18%	11%	3%	16%	32%	9%	26%
(continued)												
Definitions:												
One or More Buying Actions (Audience Involvement) represents the percentage of respondents who, after seeing an ad, indicated they have done, or are likely to do, one or more of the eight listed items.												
All Buying Action scores are a perce												
Percentage totals may not equal 10												
Please see Definitions of Scores (2 complete information.	3.0), and Met	hodology	(9.1), for									Base = 135



			Exposure	Involvement		Discuss the	Visit		Try	Recommend		
		Size	Recall	One or More	Save	Advertised	Ad's	Contact	Product/	Consider	or	
	Page	& Color	Seeing	Buying Actions	the Ad	Product	Website	Salesperson	Service	Purchase	Specify	Purchase
Boxes, conduit bodies & enclo	sures cor	ıtinued										
Arlington Industries, Inc.	71	1.0-4C	75%	77%	12%	17%	14%	2%	14%	36%	12%	26%
Bridgeport Fittings, Inc.	Cvr 2	1.0-4C	69%	76%	11%	18%	15%	2%	22%	32%	8%	31%
Arlington Industries, Inc.	43	1.0-4C	91%	73%	12%	9%	11%	3%	13%	31%	12%	24%
Arlington Industries, Inc.	81	1.0-4C	90%	73%	8%	12%	13%	3%	17%	28%	12%	26%
RACO/Hubbell Commercial Const.	17	.50-4C	73%	73%	13%	18%	13%	4%	21%	34%	11%	19%
Arlington Industries, Inc.	51	1.0-4C	90%	72%	15%	13%	11%	3%	8%	31%	13%	22%
Arlington Industries, Inc.	93	1.0-4C	77%	70%	8%	19%	11%	1%	15%	43%	9%	17%
Orbit Industries	35	1.0-4C	66%	68%	11%	18%	14%	0%	18%	33%	8%	21%
Allied Moulded Products, Inc.	75	1.0-4C	72%	66%	8%	12%	16%	1%	10%	30%	4%	19%
Topaz	65	.33-4C	45%	55%	8%	16%	14%	2%	16%	29%	4%	12%
Category averages:			80%	76%	11%	15%	13%	2%	15%	33%	9%	26%
Circuit protection												
Leviton Manufacturing	89	1.0-4C	85%	72%	8%	15%	15%	2%	15%	26%	8%	15%
Contractor equipment												
Uline	85	.25-4C	64%	60%	8%	8%	14%	1%	12%	26%	4%	18%
Contractor services (incl. renta	ıl & mecl	hanical)										
Candels Estimating	87	.125-4C	46%	38%	2%	8%	12%	0%	2%	12%	2%	4%
Capital One	3	1.0-4C	47%	35%	7%	9%	9%	4%	11%	11%	4%	13%
Category averages:			47%	37%	5%	9%	11%	2%	7%	12%	3%	9%
Data comm equipment												
ICC	23	1.0-4C	52%	61%	11%	16%	18%	5%	15%	29%	13%	15%
Distribution equipment												
Leviton Manufacturing	89	1.0-4C	85%	72%	8%	15%	15%	2%	15%	26%	8%	15%
(continued)												Base = 135



			Exposure	Involvement		Discuss the	Visit		Try		Recommend	
		Size	Recall	One or More	Save	Advertised	Ad's	Contact	Product/	Consider	or	
	Page	& Color	Seeing	Buying Actions	the Ad	Product	Website	Salesperson	Service	Purchase	Specify	Purchase
Electrical distributor (incl. I	ow volt.)											
Lowe's	49	1.0-4C	57%	72%	14%	14%	14%	3%	22%	27%	9%	34%
Graybar	5	1.0-4C	66%	63%	13%	19%	7%	9%	11%	15%	5%	17%
Uline	85	.25-4C	64%	60%	8%	8%	14%	1%	12%	26%	4%	18%
Category averages:			62%	65%	12%	14%	12%	4%	15%	23%	6%	23%
Energy management												
Lutron	25	1.0-4C	75%	76%	14%	14%	11%	3%	11%	33%	11%	16%
Fasteners, hangers, clamps	s, supports											
Arlington Industries, Inc.	59	1.0-4C	82%	81%	12%	12%	15%	2%	13%	38%	4%	31%
Arlington Industries, Inc.	63	1.0-4C	84%	77%	10%	18%	11%	3%	16%	32%	9%	26%
Arlington Industries, Inc.	71	1.0-4C	75%	77%	12%	17%	14%	2%	14%	36%	12%	26%
Bridgeport Fittings, Inc.	Cvr 2	1.0-4C	69%	76%	11%	18%	15%	2%	22%	32%	8%	31%
Arlington Industries, Inc.	93	1.0-4C	77%	70%	8%	19%	11%	1%	15%	43%	9%	17%
SP Products	64	.50-4C	71%	69%	18%	9%	14%	4%	14%	31%	6%	15%
Category averages:			76%	75%	12%	16%	13%	2%	16%	35%	8%	24%
Fire-stop systems												
Hilti	45	1.0-4C	70%	72%	12%	14%	14%	3%	14%	36%	9%	24%
Home automation												
Leviton Manufacturing	57	1.0-4C	67%	58%	11%	7%	15%	9%	9%	18%	7%	15%
Lighting controls												
Lutron	25	1.0-4C	75%	76%	14%	14%	11%	3%	11%	33%	11%	16%
Leviton Manufacturing	57	1.0-4C	67%	58%	11%	7%	15%	9%	9%	18%	7%	15%
Category averages:			71%	67%	13%	11%	13%	6%	10%	26%	9%	16%
(continued)												Base = 135



	Page	Size & Color	Exposure Recall Seeing	Involvement One or More Buying Actions	Save the Ad	Discuss the Advertised Product	Visit Ad's Website	Contact Salesperson	Try Product/ Service	Consider Purchase	Recommend or Specify	Purchase
Lighting products/fixtures												
Ecoobuy	1	1.0-4C	51%	65%	18%	5%	8%	5%	8%	34%	0%	8%
TCP	13	.66-4C	52%	55%	14%	7%	11%	4%	9%	25%	0%	9%
Topaz	65	.33-4C	45%	55%	8%	16%	14%	2%	16%	29%	4%	12%
H.E. Williams	61	1.0-4C	48%	42%	5%	9%	9%	2%	0%	11%	5%	5%
Category averages:			49%	54%	11%	9%	11%	3%	8%	25%	2%	9%
Meters/instru (test) power & lo	w volt.											
Megger	9	1.0-4C	63%	63%	10%	7%	16%	1%	9%	27%	3%	10%
AEMC Instruments	16	.33-4C	62%	55%	10%	10%	10%	3%	10%	19%	3%	12%
Category averages:			63%	59%	10%	9%	13%	2%	10%	23%	3%	11%
Raceway/cable tray/conduit												
Arlington Industries, Inc.	63	1.0-4C	84%	77%	10%	18%	11%	3%	16%	32%	9%	26%
Wheatland Tube, a division	39	1.0-4C	68%	77%	6%	15%	12%	2%	15%	35%	5%	25%
of Zekelman Industries Category averages:			76%	77%	8%	17%	12%	3%	16%	34%	7%	26%
Category averages.			7070	7 7 70	0 70	17 70	12 /0	3 70	10 /0	J 4 /0	7 70	20 /0
Safety equipment/apparel												
Emergent Safety Supply	85	.25-4C	49%	64%	11%	16%	18%	4%	15%	24%	4%	13%
Wire & cable												
SP Products	64	.50-4C	71%	69%	18%	9%	14%	4%	14%	31%	6%	15%
Wire & cable connectors/termi	nators											
Southwire	Cvr 4	1.0-4C	73%	83%	10%	24%	13%	5%	23%	43%	10%	21%
Arlington Industries, Inc.	11	1.0-4C	86%	82%	8%	12%	10%	1%	15%	27%	8%	47%
Arlington Industries, Inc.	Cvr 3	1.0-4C	86%	79%	9%	13%	13%	3%	20%	31%	8%	30%
(continued)												Base = 135



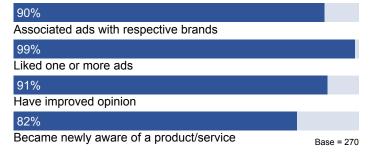
			Exposure	Involvement		Discuss the	Visit		Try		Recommend	
		Size	Recall	One or More	Save	Advertised	Ad's	Contact	Product/	Consider	or	
	Page	& Color	Seeing	Buying Actions	the Ad	Product	Website	Salesperson	Service	Purchase	Specify	Purchase
Wire & cable connectors/te	rminators co	ntinued										
Arlington Industries, Inc.	37	1.0-4C	90%	76%	11%	11%	13%	1%	15%	31%	6%	27%
Arlington Industries, Inc.	15	1.0-4C	88%	76%	7%	13%	11%	3%	18%	33%	9%	29%
Bridgeport Fittings, Inc.	Cvr 2	1.0-4C	69%	76%	11%	18%	15%	2%	22%	32%	8%	31%
Arlington Industries, Inc.	47	1.0-4C	90%	75%	8%	16%	13%	2%	18%	30%	9%	27%
ICC	23	1.0-4C	52%	61%	11%	16%	18%	5%	15%	29%	13%	15%
American Polywater	85	.25-4C	57%	58%	9%	6%	6%	2%	8%	23%	2%	17%
Category averages:			77%	74%	9%	14%	12%	3%	17%	31%	8%	27%
Wire & cable management												
Arlington Industries, Inc.	83	1.0-4C	84%	87%	12%	20%	17%	3%	20%	32%	6%	36%
Arlington Industries, Inc.	7	1.0-4C	86%	82%	7%	10%	11%	3%	17%	30%	8%	45%
Arlington Industries, Inc.	59	1.0-4C	82%	81%	12%	12%	15%	2%	13%	38%	4%	31%
Arlington Industries, Inc.	81	1.0-4C	90%	73%	8%	12%	13%	3%	17%	28%	12%	26%
Arlington Industries, Inc.	93	1.0-4C	77%	70%	8%	19%	11%	1%	15%	43%	9%	17%
Category averages:			84%	79%	9%	15%	13%	2%	16%	34%	8%	31%
Wiring devices												
Arlington Industries, Inc.	83	1.0-4C	84%	87%	12%	20%	17%	3%	20%	32%	6%	36%
Southwire	Cvr 4	1.0-4C	73%	83%	10%	24%	13%	5%	23%	43%	10%	21%
Arlington Industries, Inc.	7	1.0-4C	86%	82%	7%	10%	11%	3%	17%	30%	8%	45%
Arlington Industries, Inc.	Cvr 3	1.0-4C	86%	79%	9%	13%	13%	3%	20%	31%	8%	30%
Arlington Industries, Inc.	81	1.0-4C	90%	73%	8%	12%	13%	3%	17%	28%	12%	26%
SP Products	64	.50-4C	71%	69%	18%	9%	14%	4%	14%	31%	6%	15%
Category averages:			82%	79%	11%	15%	14%	4%	19%	33%	8%	29%
												Base = 135

Demographics: Influence and Action Totals



Total ad influence for all studied ads

After seeing an ad in *Electrical Contractor*, **99%** of respondents reported one or more of the following:



Total Buying Behavior **92%** Ninety-two percent (92%) of respondents indicated that after seeing an ad in *Electrical Contractor* they, or someone in their organization, have taken, or are likely to take, one or more of the following purchasing actions:

Preliminary Buying

Behavior 61% 36%

33% Save the ad

Discuss the advertised product or service with colleagues

32%

Visit advertiser's website

13%

Contact product salesperson

41%

Try or sample advertised product or service

Active Buying Behavior 86%

66% Consider purchase

20%

Recommend or specify

55%

Purchase

Ad scores by size

	Number of Ads	Recall Seeing	Read Some	Read Most
Two pages	1	89%	69%	62%
One page	35	76%	62%	47%
Two-thirds page	1	52%	48%	28%
One-half page	2	72%	65%	46%
One-third page	2	54%	55%	28%
One-fourth page	3	57%	51%	32%
One-eighth page	1	46%	41%	37%
Issue averages:		72%	60%	45%

Base = 135

Building types

Base = 270

Commercial	82%
Includes hotel, motel, resort, restaurant, food service, entertainment, sports, gaming, financial (banking/insurance), retail stores (all types), and office buildings	
Residential	71%
Includes single family and multi-family	
Industrial	57%
Includes manufacturing plants, power generation and utility	
Institutional	51%
Includes hospital, nursing home, education (K12, college, university), govt., administration, police, correctional, military, transportation (airport/rail/other)	
Emerging/alternative energy sources	22%
Includes solar, wind, geothermal, etc.	
Non-building	20%
Includes road, airport, traffic lighting, line work, waste/water treatment, etc.	
None of the above	
No response	. 0%
Rasa	- 270

Base = 270

Demographics continued



Purchasing actions taken		Primary job title or function
Ninety-two percent (92%) of the respondents report taking one or more purch	asing ac-	Executive management: owner, partner, president, VP, general manager, etc 48%
tions during the past year as a result of ads/editorials appearing in <i>Electrical</i> C	Contractor.	Electrician (field), journeyman, technician, installer, service person 19%
Specified/bought	63%	Management: project manager, superintendent, supervisor, foreman 17%
Specified/bought products or services seen in ads or articles	33,0	Estimator 5%
		Staff engineer, designer, electrical engineer
Visited 52%		Apprentice
Visited an advertiser's website for more information		Inspector
		Purchasing agent, buyer
Recommended 45%		Other
Recommended the purchase of products or services seen in ads		No response
or articles		Primary business
Discussed 38%		Electrical contracting/low-voltage contracting
Discussed an advertisement with someone else in the company		Engineering/architecture/consulting
		Systems integration/consulting
Referred 29%		Wholesaler/distributor
Referred an ad to someone else in the company by passing along a		Other
tear sheet, photocopy or actual issue		No response
Saved 27%		Base = 270
Saved an advertisement on file for future reference		Building systems installed
		Lighting
Considered 24%		Maintenance, service, repair
Considered doing business with a company seen in ads or articles		Premises wiring
		Power quality systems (includes standby, co-gen, etc.)
Requested 20%		Fire/life safety systems
Requested additional information from a company, a sales representa-		Security (includes CCTV, access/motion/intrusion systems)
tive or a distributor by writing, faxing or calling		Total building automation systems (includes HVAC, lighting)
Used 12%		Communications systems (VDV)
Used the <i>Electrical Contractor</i> website to request further information		Alternative-energy systems
_		Fiber optics
Other 2%		None of the above
No actions taken = 8% No response = 0%	Base = 270	No response

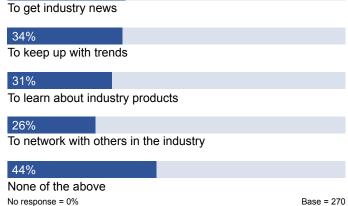
Demographics: Social Media



Professional use of social media

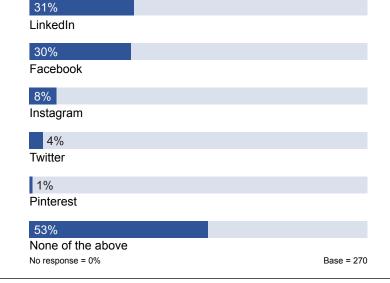
35% To get industry news

Fifty-six percent (56%) of Electrical Contractor respondents report one or more of these reasons for using social media.



Social media platforms used for work

Forty-seven percent (47%) of Electrical Contractor respondents report using one or more of these social media platforms for work.



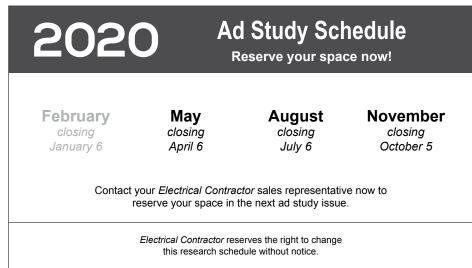
Digital devices owned or used by respondents

None of the above No response = 0%

Ninety-nine percent (99%) of Electrical *Contractor* respondents report having access to one or more of these digital devices.

Audience Engagement 6.0

90% Smart phone 73% Laptop computer 63% Desktop computer 43% Tablet 3% E-reader 1%



Base = 270

About mediaView Pro



about mediaView Prom

Independent Ad Campaign Analytics

What are some of the concepts behind mediaView Pro Ad Campaign Analytics?

- Ad campaigns setting primary and intermediate objectives are more accountable and more effective.¹
- Only primary business objectives such as increasing profit or market share are true final measures of business success.²
- A significant change across a wide range of intermediate objectives is a reliable predictor of business success.
- Because the importance of individual intermediate objectives varies by ad campaign, no single intermediate measure can be an infallible predictor.
- Best practice requires tracking multiple intermediate effects.³
- Assigning greater or lesser value to each intermediate objective, to better align with your specific campaign goals, improves campaign accountability and effectiveness.⁴

Why does mediaView Pro focus on intermediate objectives?

Intermediate objectives are the means to achieving primary ad campaign objectives. Taken individually, each intermediate objective offers insight into how your campaign is working in comparison with other campaigns reaching your audience.

Total Ad Recall

Audience Exposure

Total Ad Influence
Audience Engagement

Total Buying Action Audience Involvement

- Recall seeing (reader exposure)
- Read some of the ad (reader engagement)
- Read most of the ad (reader involvement)
- Make ad-brand connection
- Like the ad
- Better opinion of product or service
- Newly aware of product or service

Preliminary Buying Action

- Save the ad for future reference
- Discuss the advertised product
- Visit advertiser website
- Contact advertiser salesperson

Active Buying Action

- Try advertised product or service
- Consider purchasing
- Recommend or specify
- Purchase the product or service



¹ Les Binet and Peter Field, Marketing in the Era of Accountability (World Advertising Research Center, Great Britain, Alden Press, 2007), 19. | ² [ibid, 77] | ³ [ibid, 77] | ⁴ [ibid, 2]

About mediaView Pro: Methodology





Independent Ad Campaign Analytics

Baxter Research Center Inc.'s (BRC) *mediaView Pro* study programs are conducted online using accepted advertising and editorial reader research methods and practices.

The reader panel was selected from the sponsoring publication's qualified circulation of 80,030* using a structured random-interval selection process. Preparation of the survey instrument, sample selection, emailing, processing, tabulation and generation of final reports are conducted under the supervision of BRC.

Readers invited to participate via email are provided with a secure link to the questionnaire. To ensure optimal delivery, all surveys are sent using BRC's bonded email servers.

In those cases where two versions of the questionnaire are produced to maintain an appropriate level of reader response, both are identical with the exception of the ad listings, which are divided equally between the two. Ad recall data is based on a minimum of 100 returns. Splitting the survey into two or three versions to accommodate more ads will result in editorial and respondent profiles increasing to 200 and 300, respectively. Ad recall data will achieve a lesser number, but no fewer than 100 returns.

Ad and editorial reader recall data are fully disclosed in this report and online through advertiser micro-sites. Advertiser access to their micro-site is controlled by the sponsoring publication. Advertisers wishing to view online data should contact their magazine advertising sales representative for a link and password. A copy of the online survey is available upon request from BRC.

* June 2019 BPA WorldwideSM Statement

This publication is designed to provide accurate and authoritative information gathered from subscriber questionnaires. In publishing this report, neither the author nor the publisher is engaged in rendering legal, accounting or any other professional service. If required, legal advice or other expert assistance should be sought from a licensed professional.



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BRC's audience metrics guide, optimize and inspire ad-campaign effectiveness in print, digital and online media.

