

No attempt has been made to rank the information contained in this report in order of importance, since BPA Worldwide believes this is a judgment which must be made by the user of the report.

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CHEMICAL ENGINEERING is a brand that reaches chemical engineers in the chemical process industries (CPI). In order to reach all major segments of the CPI, Chemical Engineering uses its website, newsletters, social media outlets, webinars, white papers, job board, technical books and involvement in trade shows and conferences. Brand extensions include chemengonline.com, CE Direct, Chemploy, CE Focus and the Chemical Engineering Buyers' Guide. Chemical Engineering's strength is its diversification in the marketplace.

BRAND REPORT PURPOSE

The Brand Report provides a deeper understanding and identification of all audited touch points with customers that have interest in the brand. It is designed to present analysis of all communication channels, including a brand's unique users within each channel of, but not across, multiple media platforms. This non-integrated report contains data for each separate media channel as indicated in the Executive Summary. No attempt has been made to identify or eliminate duplication that may exist across media channels.

CHANNELS

CHEMICAL ENGINEERING MAGAZINE



6 issues in the period
60,033 average circulation

CHEMICAL ENGINEERING WEBSITE



48,413 average users

CHEMICAL ENGINEERING SOCIAL MEDIA



18,000 Twitter followers
67,495 LinkedIn group members

EXECUTIVE SUMMARY

Below are the Average contacts per occurrence, including frequency per period reported

	Non-Paid	Paid	Average
CHEMICAL ENGINEERING MAGAZINE Unique Total* (6 issues in the period)	58,175	1,858	60,033
a. Print	28,959	1,666	30,625
b. Digital	29,217	196	29,413
1. Requested	28,518	195	28,713
2. Non-Requested	699	1	700
CHEMICAL ENGINEERING WEBSITE (Monthly Users with 126,133 average Pageviews)	48,413	-	48,413
CHEMICAL ENGINEERING SOCIAL MEDIA			
a. Twitter followers	**18,000	-	**18,000
b. LinkedIn group members	**67,495	-	**67,495

*Unique Total represents unique recipients, not the sum of Print and Digital.

**Social Media claims are cumulative figures, not averages.

FIELD SERVED

CHEMICAL ENGINEERING serves companies involved in manufacturing, engineering, government, educational services, financial services, public utilities/waste management, transportation, storage, distribution, wholesale/retail trade, business/legal services, consulting/misc. services, associations, societies, trade groups and others allied to the field.

DEFINITION OF RECIPIENT QUALIFICATION

Qualified recipients are involved in corporate management, plant operations, production management, engineering, technical direction, regulatory & safety management, purchasing, sales & marketing management, consulting and personnel in other functions within the Field Served.

AVERAGE NON-QUALIFIED CIRCULATION

NON-QUALIFIED Not Included Elsewhere	Copies
Other Paid Circulation	2
Advertiser and Agency	999
Allocated for Trade Shows and Conventions	243
All Other	1,347
TOTAL	2,591

1. AVERAGE QUALIFIED CIRCULATION BREAKOUT FOR THE PERIOD

QUALIFIED CIRCULATION	Total Qualified		Qualified Non-Paid		Qualified Paid	
	Copies	Percent	Copies	Percent	Copies	Percent
Individual	59,936	99.8	58,175	96.9	1,761	2.9
Sponsored Individually Addressed	-	-	-	-	-	-
Membership Benefit	-	-	-	-	-	-
Multi-Copy Same Addressee	97	0.2	-	-	97	0.2
Single Copy Sales	-	-	-	-	-	-
TOTAL QUALIFIED CIRCULATION	60,033	100.0	58,175	96.9	1,858	3.1

2. QUALIFIED CIRCULATION BY ISSUES FOR PERIOD

2017 Issue	Print	Digital	Qualified Non-Paid	Qualified Paid	Unique Total Qualified*
January	30,480	29,543	58,093	1,920	60,013
February	30,710	29,312	58,148	1,868	60,016
March	30,623	29,443	58,177	1,885	60,062
April	30,525	29,522	58,184	1,859	60,043
May	30,427	29,584	58,187	1,820	60,007
June	30,988	29,072	58,263	1,793	60,056

*Unique Total Qualified represents unique recipients, not the sum of Print and Digital.

3a. BUSINESS/OCCUPATION BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF MAY 2017

This issue is 0.1% or 31 copies below the average of the other 5 issues reported in Paragraph 2.

INDUSTRY	UNIQUE TOTAL QUALIFIED*	PERCENT OF TOTAL	CLASSIFICATION BY FUNCTION									
			Print	Digital	Qualified Non-Paid	Qualified Paid	Corporate Management (Note 1)	Plant Operations & Production Management (Note 2)	Engineering (Note 3)	Technical Direction (Note 4)	Regulatory/ Safety Manager, Consultant	Purchasing, Sales & Marketing, Other (Note 5)
Manufacturing	34,240	57.1	16,685	17,556	34,086	154	5,171	11,480	12,191	2,317	1,301	1,780
Engineering (Note 6)	11,823	19.7	5,707	6,117	11,787	36	2,347	2,854	5,110	460	671	381
Government	1,234	2.0	743	491	1,233	1	143	510	381	107	64	29
Educational Services	1,299	2.2	333	966	1,295	4	58	279	416	272	119	155
Financial Services	152	0.3	78	74	151	1	55	47	23	5	16	6
Public Utilities, Waste Management, Transportation, Storage	4,519	7.5	2,993	1,526	4,512	7	538	2,351	1,149	162	132	187
Chemical Distributor, Wholesale/Retail Trade	863	1.4	555	308	862	1	283	300	132	26	22	100
Business/Legal Services, Consulting, Misc. Services	2,875	4.8	1,344	1,531	2,854	21	982	534	637	71	558	93
Association, Society, Trade Group	106	0.2	64	42	105	1	27	50	10	3	5	11
Others Allied to the Field	2,896	4.8	1,925	973	1,302	1,594	192	402	433	73	140	1,656
Sub-Total	60,007	100.0	30,427	29,584	58,187	1,820	9,796	18,807	20,482	3,496	3,028	4,398
Other Paid Circulation	-	-	-	-	-	-	-	-	-	-	-	-
UNIQUE TOTAL QUALIFIED CIRCULATION*	60,007	100.0	30,427	29,584	58,187	1,820						

Note 1: Owner, Partner, President, CEO, COO, CFO, VP, GM, Company Official

Note 2: Director, Dept. Head, Work Exec., Manager, Plant/Facility/Operations Manager, Production Manager, Supervisor/Foreman, Non-Technical Manager/Associate

Note 3: Engineer

Note 4: Research/Development Manager, Scientist/Chemist/Metallurgist/Specialist

Note 5: Purchaser/Buyer, Sales/Marketing Manager, Other Personnel allied to the field not elsewhere classified & company copies

Note 6: Engineering, Consulting Engineering, Design, Construction, Independent Laboratories, Research & Development, Environmental Services

*Unique Total Qualified represents unique recipients, not the sum of Print and Digital.

3b. QUALIFICATION SOURCE BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF MAY 2017

QUALIFICATION SOURCE	Qualified Within			Print	Digital	Qualified Non-Paid	Qualified Paid	Unique Total Qualified*	Percent
	1 Year	2 Years	3 Years						
I. Direct Request:	47,494	10,134	68	28,804	28,896	55,885	1,811	57,696	96.2
II. Request from recipient's company:	-	3	6	9	-	-	9	9	-
III. Membership Benefit:	-	-	-	-	-	-	-	-	-
IV. **Communication from recipient or recipient's company (other than request):	2,302	-	-	1,614	688	2,302	-	2,302	3.8
V. TOTAL - Sources other than above (listed alphabetically):	-	-	-	-	-	-	-	-	-
Association rosters and directories	-	-	-	-	-	-	-	-	-
Business directories	-	-	-	-	-	-	-	-	-
Manufacturer's, distributor's, and wholesaler's lists	-	-	-	-	-	-	-	-	-
Other sources	-	-	-	-	-	-	-	-	-
VI. Single Copy Sales:	-	-	-	-	-	-	-	-	-
UNIQUE TOTAL QUALIFIED CIRCULATION*	49,796	10,137	74	30,427	29,584	58,187	1,820	60,007	100.0
PERCENT	83.0	16.9	0.1	50.7	49.3	97.0	3.0	100.0	

*Unique Total Qualified represents unique recipients, not the sum of Print and Digital.

**See Additional Data

3c. MAILING ADDRESS BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF MAY 2017

MAILING ADDRESS	Print	Digital	Qualified Non-Paid	Qualified Paid	Unique Total Qualified*	Percent
Individuals by name and title and/or function	29,553	29,497	58,103	943	59,046	98.4
Individuals by name only	264	58	68	254	322	0.5
Titles or functions only	203	15	16	202	218	0.4
Company names only	305	14	-	319	319	0.5
Multi-Copy Same Addressee copies	102	-	-	102	102	0.2
Single Copy Sales	-	-	-	-	-	-
UNIQUE TOTAL QUALIFIED CIRCULATION*	30,427	29,584	58,187	1,820	60,007	100.0

*Unique Total Qualified represents unique recipients, not the sum of Print and Digital.

AVERAGE ANNUAL AUDITED QUALIFIED CIRCULATION AND CURRENT UNAUDITED CIRCULATION STATEMENTS

6-Month Period Ended:	Audited Data		Audited Data		Audited Data		Audited Data		Audited Data		Circulation Claim	
	July – December 2014		January – June 2015		July – December 2015		January – June 2016		July – December 2016		January – June 2017*	
Unique Total Audit Average Qualified***:	59,981	60,028	60,164	60,056	60,036	60,033						
Unique Qualified Non-Paid***:	57,267	57,513	57,876	57,935	58,054	58,175						
Print:	30,544	30,332	29,560	29,321	28,463	28,959						
Digital:	26,737	27,185	28,316	28,614	29,592	29,217						
Unique Qualified Paid***:	2,714	2,515	2,288	2,121	1,982	1,858						
Print:	2,453	2,259	2,073	1,921	1,776	1,666						
Digital:	298	269	220	206	214	196						
Post Expire Copies included in Total Qualified Circulation:	0.7 %	0.4%	0.5%	0.3%	0.4 %	0.3%						
Average Annual Order Price:	\$378.08	\$233.68	\$229.78	\$261.39	\$234.42	\$283.19						

*NOTE: January – June 2017 data is unaudited. With each successive period, new data will be added until six 6-month periods are displayed.

**NC = None Claimed.

***Unique Total Qualified represents unique recipients, not the sum of Print and Digital.

GEOGRAPHICAL BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF MAY 2017**

State	Print	Digital	Qualified Paid	Qualified Non-Paid	Unique Total Qualified*	Percent	State	Print	Digital	Qualified Paid	Qualified Non-Paid	Unique Total Qualified*	Percent
Maine	114	33	3	144	147		Kentucky	434	126	7	553	560	
New Hampshire	139	49	3	185	188		Tennessee	598	205	30	773	803	
Vermont	39	15	-	54	54		Alabama	476	194	114	556	670	
Massachusetts	691	241	32	900	932		Mississippi	185	49	3	231	234	
Rhode Island	89	27	3	113	116		EAST SO. CENTRAL	1,693	574	154	2,113	2,267	3.8
Connecticut	365	120	6	479	485		Arkansas	187	45	3	229	232	
NEW ENGLAND	1,437	485	47	1,875	1,922	3.2	Louisiana	626	215	25	816	841	
New York	1,244	427	72	1,599	1,671		Oklahoma	378	129	13	494	507	
New Jersey	1,198	408	107	1,499	1,606		Texas	3,470	1,653	114	5,008	5,122	
Pennsylvania	1,789	581	64	2,306	2,370		WEST SO. CENTRAL	4,661	2,042	155	6,547	6,702	11.2
MIDDLE ATLANTIC	4,231	1,416	243	5,404	5,647	9.4	Montana	129	29	8	150	158	
Ohio	1,541	514	38	2,017	2,055		Idaho	116	33	5	143	148	
Indiana	604	184	16	772	788		Wyoming	118	27	3	142	145	
Illinois	1,473	483	44	1,912	1,956		Colorado	433	214	19	628	647	
Michigan	878	281	26	1,133	1,159		New Mexico	84	40	2	122	124	
Wisconsin	666	164	11	819	830		Arizona	275	116	4	387	391	
EAST NO. CENTRAL	5,162	1,626	135	6,653	6,788	11.3	Utah	245	89	6	328	334	
Minnesota	593	179	15	757	772		Nevada	115	64	3	176	179	
Iowa	367	92	9	450	459		MOUNTAIN	1,515	612	50	2,076	2,126	3.5
Missouri	688	225	24	889	913		Alaska	88	34	3	119	122	
North Dakota	99	31	2	128	130		Washington	464	185	19	630	649	
South Dakota	98	23	3	118	121		Oregon	260	75	8	327	335	
Nebraska	222	56	3	275	278		California	2,003	778	72	2,709	2,781	
Kansas	374	131	7	498	505		Hawaii	51	17	3	65	68	
WEST NO. CENTRAL	2,441	737	63	3,115	3,178	5.3	PACIFIC	2,866	1,089	105	3,850	3,955	6.6
Delaware	169	58	8	219	227		UNITED STATES	28,311	10,133	1,094	37,348	38,442	64.1
Maryland	336	132	18	450	468		U.S. Territories	80	61	4	137	141	
Washington, DC	90	57	6	141	147		Canada	234	1,331	101	1,464	1,565	
Virginia	530	217	15	732	747		Mexico	71	1,244	11	1,304	1,315	
West Virginia	218	64	4	278	282		Other International	1,730	16,808	610	17,926	18,536	
North Carolina	810	246	24	1,032	1,056		APO/FPO	1	6	-	7	7	
South Carolina	494	189	17	666	683		Email Only	-	1	-	1	1	
Georgia	738	249	20	967	987		UNIQUE TOTAL QUALIFIED CIRCULATION*	30,427	29,584	1,820	58,187	60,007	100.0
Florida	920	340	30	1,230	1,260								
SOUTH ATLANTIC	4,305	1,552	142	5,715	5,857	9.8							

*Unique Total Qualified represents unique recipients, not the sum of Print and Digital.

**See Additional Data

GEOGRAPHICAL BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF MAY 2017**

Region/Country	Print	Digital	Qualified Paid	Qualified Non-Paid	Unique Total Qualified*	Percent
ASIA						
Afghanistan	1	2	-	3	3	
Armenia	-	3	-	3	3	
Azerbaijan	1	14	-	15	15	
Bangladesh	-	53	-	53	53	
Bhutan	-	1	-	1	1	
British Indian Ocean Territory	-	1	-	1	1	
Brunei Darussalam	4	10	-	14	14	
Cambodia	-	1	-	1	1	
China	19	165	3	181	184	
Cocos (Keeling) Islands	-	1	-	1	1	
East Timor (Timor-Leste)	-	1	-	1	1	
Georgia	-	1	-	1	1	
Hong Kong - SAR	3	43	1	45	46	
India	170	2,080	68	2,182	2,250	
Indonesia	22	427	3	446	449	
Japan	41	82	35	88	123	
Kazakhstan	2	15	-	17	17	
Korea, Democratic People's Republic Of	7	6	6	7	13	
Korea, Republic Of	32	202	21	213	234	
Laos	-	1	-	1	1	
Malaysia	39	398	5	432	437	
Mongolia	2	5	-	7	7	
Myanmar	-	6	-	6	6	
Nepal	-	7	-	7	7	
Pakistan	24	398	9	413	422	
Philippines	27	243	5	265	270	
Singapore	34	348	8	374	382	
Sri Lanka	4	57	1	60	61	
Taiwan	16	157	14	159	173	
Thailand	16	207	7	216	223	
Uzbekistan	-	3	-	3	3	
Vietnam	2	61	-	63	63	
unspecified Asia	-	1	-	1	1	
Subtotal	466	5,000	186	5,280	5,466	9.1
MIDDLE EAST						
Bahrain	2	42	1	43	44	
Iran	33	436	2	467	469	
Iraq	5	56	-	61	61	
Israel	12	111	4	119	123	
Jordan	6	31	1	36	37	
Kuwait	7	80	3	84	87	
Lebanon	2	13	1	14	15	
Oman	3	85	1	87	88	
Qatar	13	135	-	148	148	
Saudi Arabia	17	371	1	387	388	
Syrian Arab Republic	-	9	-	9	9	
United Arab Emirates	29	330	6	353	359	
Yemen	1	11	-	12	12	
Subtotal	130	1,710	20	1,820	1,840	3.1
EUROPE						
Albania	-	3	-	3	3	
Andorra	-	1	-	1	1	
Austria	9	33	6	36	42	
Belarus	-	4	-	4	4	
Belgium	43	185	23	204	227	
Bosnia and Herzegovina	1	17	1	17	18	
Bulgaria	1	14	-	15	15	
Croatia	3	30	-	33	33	
Cyprus	1	10	-	11	11	
Czech Republic	5	23	2	26	28	
Denmark	9	57	7	59	66	
Estonia	1	8	1	8	9	
Finland	26	46	19	53	72	
France	68	225	48	245	293	
Germany	72	343	33	382	415	
Gibraltar	-	1	-	1	1	
Greece	7	145	-	152	152	
Hungary	8	45	2	51	53	
Iceland	1	6	-	7	7	
Ireland	7	89	1	95	96	
Italy	72	475	48	499	547	
Latvia	-	4	-	4	4	
Lithuania	3	7	-	10	10	
Luxembourg	-	4	-	4	4	
Macedonia	-	6	-	6	6	
Malta	1	5	-	6	6	
Moldova	1	1	-	2	2	
Monaco	-	2	-	2	2	
Montenegro	-	1	-	1	1	
Netherlands	65	349	39	374	413	
Norway	9	52	4	57	61	
Poland	13	81	4	90	94	
Portugal	10	150	3	157	160	
Romania	17	130	2	145	147	
Russian Federation	6	98	1	103	104	
San Marino	-	1	-	1	1	
Serbia	7	48	-	55	55	
Slovakia	3	30	-	33	33	
Slovenia	7	23	6	24	30	
Spain	57	560	18	599	617	
Sweden	23	58	16	65	81	
Switzerland	23	107	10	120	130	
Turkey	20	249	1	268	269	
Ukraine	1	26	-	27	27	
United Kingdom	125	915	32	1,008	1,040	
Subtotal	725	4,667	327	5,063	5,390	9.0
AFRICA						
Algeria	7	84	-	91	91	
Angola	-	9	-	9	9	
Benin	-	1	-	1	1	
Botswana	3	6	1	8	9	
Burundi	-	1	-	1	1	
Cameroon	-	6	-	6	6	
Congo	1	7	-	8	8	
Egypt	13	232	1	244	245	
Ethiopia	-	27	-	27	27	
Gambia	1	1	-	2	2	
Ghana	2	38	-	40	40	
Kenya	-	49	-	49	49	
Lesotho	-	1	-	1	1	
Liberia	-	1	-	1	1	
Libyan Arab Jamahiriya	1	23	-	24	24	
Madagascar	-	8	-	8	8	
Malawi	-	5	-	5	5	
Mauritius	1	21	-	22	22	
Morocco	1	23	1	23	24	
Mozambique	-	1	-	1	1	
Namibia	-	3	-	3	3	
Niger	-	1	-	1	1	
Nigeria	16	351	-	367	367	
Rwanda	-	2	-	2	2	
Senegal	-	4	-	4	4	
Sierra Leone	1	5	-	6	6	
Somalia	1	-	-	1	1	
South Africa	40	370	8	402	410	
Sudan	1	49	-	50	50	
Swaziland	-	1	-	1	1	
Tanzania	-	11	-	11	11	
Tunisia	4	41	-	45	45	
Uganda	-	17	-	17	17	
Zambia	5	31	1	35	36	
Zimbabwe	4	45	-	49	49	
unspecified Africa	-	2	-	2	2	
Subtotal	102	1,477	12	1,567	1,579	2.6
NORTH AMERICA						
Canada	234	1,331	101	1,464	1,565	
Mexico	71	1,244	11	1,304	1,315	
United States	28,392	10,200	1,098	37,492	38,590	
unspecified North America	-	1	-	1	1	
Subtotal	28,697	12,776	1,210	40,261	41,471	69.1
CARIBBEAN						
Aruba	-	1	-	1	1	
Bahamas	-	4	-	4	4	
Barbados	1	1	-	2	2	
Cayman Islands	-	1	-	1	1	
Cuba	5	38	-	43	43	
Dominican Republic	2	30	-	32	32	
Haiti	-	2	-	2	2	
Jamaica	-	20	-	20	20	
Martinique	-	1	-	1	1	
Netherlands Antilles	-	7	-	7	7	
Puerto Rico	1	-	1	-	1	
Saint Vincent and the Grenadines	-	1	-	1	1	
Trinidad and Tobago	2	58	-	60	60	
Virgin Islands, British	-	1	-	1	1	
Subtotal	11	165	1	175	176	0.3
CENTRAL AMERICA						
Costa Rica	5	52	1	56	57	
El Salvador	1	28	-	29	29	
Guatemala	2	81	-	83	83	
Honduras	2	21	-	23	23	
Nicaragua	1	11	-	12	12	
Panama	-	16	-	16	16	
Subtotal	11	209	1	219	220	0.4
SOUTH AMERICA						
Argentina	38	457	10	485	495	
Bolivia	2	81	-	83	83	
Brazil	51	623	7	667	674	
Chile	19	253	4	268	272	
Colombia	24	492	1	515	516	
Ecuador	5	142	-	147	147	
Guyana	-	5	-	5	5	
Paraguay	1	8	-	9	9	
Peru	20	446	3	463	466	
Suriname	-	3	-	3	3	
Uruguay	5	60	1	64	65	
Venezuela	21	365	1	385	386	
Subtotal	186	2,935	27	3,094	3,121	5.2
ASIA PACIFIC						
Australia	75	552	24	603	627	
Fiji	-	1	-	1	1	
New Zealand	21	83	11	93	104	
Papua New Guinea	1	8	-	9	9	
Solomon Islands	1	-	-	1	1	
unspecified Asia Pacific	1	-	-	1	1	
Subtotal	99	644	36	707	743	1.2
Email Only	-	1	-	1	1	-
UNIQUE TOTAL QUALIFIED CIRCULATION*	30,427	29,584	1,820	58,187	60,007	100.0

*Unique Total Qualified represents unique recipients, not the sum of Print and Digital.

WEBSITE CHANNEL

WWW.CHEMENGONLINE.COM

2017	PAGEVIEWS	SESSIONS	USERS	AVERAGE SESSION DURATION
January	104,885	52,255	39,115	1:58
February	147,618	71,661	55,321	1:50
March	156,343	79,668	59,680	1:53
April	116,184	62,807	46,500	1:55
May	124,861	66,350	48,304	2:11
June	106,907	58,678	41,562	2:15
AVERAGE:	126,133	65,236	48,413	2:00

January - June 2017 data was provided by Google Analytics. All website activity is audited by BPA Worldwide.

WEBSITE GLOSSARY

Pageviews: A Pageview is recorded each time a page implanted with the JavaScript code (tag) is displayed in a browser window. This will occur whether the page is served directly from the web server, from a proxy, or from the browser's cache.

Sessions: A single continuous set of activity attributable to a cookie browser resulting in one or more pulled text and/or graphics downloads from a site. A period of 30 minutes of inactivity will terminate the session.

Users: An identified and unduplicated Cookie Browser that accesses Internet content or advertising during a measurement period.

Average Session Duration: The time visitors remain on a site per session.

For info on how to obtain online ad campaign performance metrics across multiple sites, visit www.adicompli.com

SOCIAL MEDIA CHANNEL

Chemical Engineering Social Media



Twitter followers



LinkedIn group members

2017

<http://twitter.com/chemengonline.com/the-magazine>

<http://linkedin.com/chemengonline.com>

2017	Twitter followers	LinkedIn group members
Beginning Balance:	-	-
January	16,500	66,631
February	16,800	66,879
March	17,200	67,008
April	17,400	67,173
May	17,700	67,309
June	18,000	67,495

ADDITIONAL DATA

METHOD OF DISTRIBUTION:

All qualified circulation conforms to the field served and definition of recipient's qualification, as reported. Print copies are distributed via postal services or other carriers. Recipients of the digital version are notified via email when the version is available.

STATEMENT OF CONTENT PLATFORM:

Editorial Replica - If a print edition exists, editorial and design are unchanged from the original print edition. Each issue's content and design are identical to the original edition. Apart from minor updates, the content cannot change once the issue is made available.

MAGAZINE:

PARAGRAPH 3b:

Communication from recipient or recipient's company (other than request) includes 1 source of circulation for a quantity of 2,302 copies or 3.8%.

GEOGRAPHIC DISTRIBUTION:

Geographic data for Website and Social Media are not reported at the media owner's option.

PUBLISHER'S AFFIDAVIT

We hereby make oath and say that all data set forth in this statement are true.

Sarah Garwood, Audience Development Director

Matt Grant, Publisher

(At least one of the above signatures must be that of an officer of the publishing company or its authorized representative.)

IMPORTANT NOTE:

This unaudited brand report has been checked against the previous audit report. It will be included in the annual audit made by BPA Worldwide.

Date signed

July 12, 2017

State

Maryland

County

Montgomery

Received by BPA Worldwide

July 12, 2017

Type

BD

ID Number

C709B0J7

About BPA Worldwide:

A not-for-profit organization since 1931, BPA Worldwide is governed by a tripartite board comprised of media owners, advertising agencies and advertisers. Headquartered in Shelton, Connecticut, USA, BPA has the largest membership of any media-auditing organization in the world, spanning more than 30 countries. Globally, BPA audits media properties including consumer magazines, newspapers, web sites, events, email newsletters, databases, wireless, social media and other advertiser-supported media—as well as advertiser and agency members. Visit www.bpaww.com for the latest audit reports, membership information and publishing and advertising industry news.