

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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## PHARMACEUTICAL ENGINEERING

THE OFFICIAL  
JOURNAL OF  
ISPE

International Society for  
Pharmaceutical Engineering  
3109 W. Dr. Martin Luther King, Jr.  
Blvd., Suite 250  
Tampa, FL 33607  
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Official Publication of: International  
Society for Pharmaceutical  
Engineering  
Established: 1980  
Issues Per Year: 6

### FIELD SERVED

PHARMACEUTICAL ENGINEERING serves the fields of traditional pharmaceuticals (including pharmaceutical integrated manufacturers), biopharmaceuticals/biotechnology, contract and generic manufacturing, medical devices/diagnostics, bulk/API, veterinary medicine, cosmetics, food/neutraceuticals, engineering/architecture, consulting, construction services contractors (including construction management), facilities/equipment maintenance, validation/qualification/commissioning, clinical or contract research (CRO), IT/computer services, equipment components (including original equipment manufacturers and equipment distributors/representatives), packaging materials, clinical/investigational materials, manufacturing supplies/raw materials, software/hardware products, chemicals/intermediates, academia, public authority/government and other GMP related industries.

### DEFINITION OF RECIPIENT QUALIFICATION

Qualified recipients are ISPE association members who are engaged in architecture/engineering/construction (including field and facilities engineering), clinical/investigational materials, health/safety/environmental, maintenance, operations/manufacturing, process control/automation (including computer and process control), process development/technology transfer, project management, QA/QC/Regulatory/Compliance, research and development, sales/marketing/business development, technical services/product support (including engineering support and technical services), validation/qualification/commissioning, senior management/senior administration, information technology, human resources/training, student/faculty, other functions including logistics/supply chain management and purchasing/contract management and functions not available including company copies in the above field.

AVERAGE NON-QUALIFIED CIRCULATION	
NON-QUALIFIED Not Included Elsewhere	Copies
Other Paid Circulation _____	-
Advertiser and Agency _____	140
Rotated or Occasional _____	-
Allocated for Trade Shows and Conventions _____	2,600
All Other _____	1,616
<b>TOTAL</b>	<b>4,356</b>

1. AVERAGE QUALIFIED CIRCULATION BREAKOUT FOR PERIOD						
QUALIFIED CIRCULATION	Total Qualified		Qualified Non-Paid		Qualified Paid	
	Copies	Percent	Copies	Percent	Copies	Percent
Individual _____	-	-	-	-	-	-
Sponsored Individually Addressed _____	-	-	-	-	-	-
*Membership Benefit _____	20,694	100.0	-	-	20,694	100.0
Multi-Copy Same Addressee _____	-	-	-	-	-	-
Single Copy Sales _____	-	-	-	-	-	-
<b>TOTAL QUALIFIED CIRCULATION</b>	<b>20,694</b>	<b>100.0</b>	<b>-</b>	<b>-</b>	<b>20,694</b>	<b>100.0</b>

2. QUALIFIED CIRCULATION BY ISSUES WITH REMOVALS AND ADDITIONS FOR PERIOD											
2007 Issue	*Number Removed	*Number Added	Qualified Non-Paid	Qualified Paid	Total Qualified	2007 Issue	*Number Removed	*Number Added	Qualified Non-Paid	Qualified Paid	Total Qualified
January/ February _____			-	20,658	20,658	May/ June _____			-	20,741	20,741
March/ April _____			-	20,684	20,684	<b>TOTAL</b>					

\*See Paragraph 11

**3b. QUALIFICATION SOURCE BREAKOUT FOR ISSUE OF MAY/JUNE 2007**

PAID SOURCE INFORMATION INCLUDED AT THE PUBLISHER'S OPTION.

\*See Paragraph 11

**3c. MAILING ADDRESS BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF MAY/JUNE 2007**

MAILING ADDRESS	Qualified Non-Paid	Qualified Paid	Total Qualified	Percent
Individuals by name and title and/or function _____	-	20,670	20,670	99.7
Individuals by name only _____	-	66	66	0.3
Titles or functions only _____	-	-	-	-
Company names only _____	-	5	5	-
Multi-Copy Same Addressee copies _____	-	-	-	-
Single Copy Sales _____	-	-	-	-
<b>TOTAL QUALIFIED CIRCULATION</b>	-	<b>20,741</b>	<b>20,741</b>	<b>100.0</b>

**4. GEOGRAPHICAL BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF MAY/JUNE 2007**

State & Zip Code	Qualified Non-Paid	Qualified Paid	Total Qualified	Percent	State & Zip Code	Qualified Non-Paid	Qualified Paid	Total Qualified	Percent
039-049 Maine _____	-	17	17		716-729 Arkansas _____	-	8	8	
030-038 New Hampshire _____	-	130	130		700-714 Louisiana _____	-	21	21	
050-059 Vermont _____	-	23	23		730-749 Oklahoma _____	-	14	14	
010-027 Massachusetts _____	-	1,003	1,003		750-799 Texas _____	-	225	225	
028-029 Rhode Island _____	-	115	115		<b>WEST SO. CENTRAL</b>	-	<b>268</b>	<b>268</b>	<b>1.3</b>
060-069 Connecticut _____	-	229	229		590-599 Montana _____	-	11	11	
<b>NEW ENGLAND</b>	-	<b>1,517</b>	<b>1,517</b>	<b>7.3</b>	832-838 Idaho _____	-	5	5	
100-149 New York _____	-	432	432		820-831 Wyoming _____	-	-	-	
070-089 New Jersey _____	-	1,430	1,430		800-816 Colorado _____	-	280	280	
150-196 Pennsylvania _____	-	1,537	1,537		870-884 New Mexico _____	-	14	14	
<b>MIDDLE ATLANTIC</b>	-	<b>3,399</b>	<b>3,399</b>	<b>16.4</b>	850-865 Arizona _____	-	46	46	
430-459 Ohio _____	-	231	231		840-847 Utah _____	-	47	47	
460-479 Indiana _____	-	449	449		889-898 Nevada _____	-	8	8	
600-629 Illinois _____	-	352	352		<b>MOUNTAIN</b>	-	<b>411</b>	<b>411</b>	<b>2.0</b>
480-499 Michigan _____	-	275	275		980-994 Washington _____	-	173	173	
530-549 Wisconsin _____	-	121	121		970-979 Oregon _____	-	29	29	
<b>EAST NO. CENTRAL</b>	-	<b>1,428</b>	<b>1,428</b>	<b>6.9</b>	900-961 California _____	-	2,311	2,311	
550-567 Minnesota _____	-	167	167		Hawaii _____	-	1	1	
500-528 Iowa _____	-	41	41		<b>PACIFIC</b>	-	<b>2,514</b>	<b>2,514</b>	<b>12.1</b>
630-658 Missouri _____	-	362	362		<b>UNITED STATES</b>	-	<b>12,342</b>	<b>12,342</b>	<b>59.5</b>
580-588 North Dakota _____	-	3	3		969 & 004-009 U.S. Territories _____	-	450	450	
South Dakota _____	-	1	1		Canada _____	-	658	658	
680-693 Nebraska _____	-	56	56		Australia _____	-	290	290	
660-679 Kansas _____	-	105	105		Belgium _____	-	443	443	
<b>WEST NO. CENTRAL</b>	-	<b>735</b>	<b>735</b>	<b>3.5</b>	Brazil _____	-	32	32	
197-199 Delaware _____	-	135	135		Denmark _____	-	556	556	
206-219 Maryland _____	-	277	277		France _____	-	242	242	
200-205 Washington, DC _____	-	9	9		Germany _____	-	602	602	
220-246 Virginia _____	-	147	147		Ireland _____	-	582	582	
247-268 West Virginia _____	-	13	13		Italy _____	-	412	412	
270-289 North Carolina _____	-	891	891		Japan _____	-	611	611	
290-299 South Carolina _____	-	128	128		Netherlands _____	-	337	337	
300-319 Georgia _____	-	164	164		Sweden _____	-	373	373	
320-349 Florida _____	-	225	225		Switzerland _____	-	372	372	
<b>SOUTH ATLANTIC</b>	-	<b>1,989</b>	<b>1,989</b>	<b>9.6</b>	United Kingdom _____	-	1,211	1,211	
400-427 Kentucky _____	-	20	20		Other International _____	-	1,228	1,228	
370-385 Tennessee _____	-	48	48		<b>TOTAL QUALIFIED CIRCULATION</b>	-	<b>20,741</b>	<b>20,741</b>	<b>100.0</b>
350-369 Alabama _____	-	10	10						
386-397 Mississippi _____	-	3	3						
<b>EAST SO. CENTRAL</b>	-	<b>81</b>	<b>81</b>	<b>0.4</b>					

**TOTAL NEW AND RENEWED QUALIFIED PAID SUBSCRIPTIONS ORDERED/SOLD FOR THE PERIOD**  
**Includes gross subscription sales/orders with unpaid invoices pending.**

Average Annual Order Price: 6 issues for \$59.21		
5. PRICES	Total	Percent
Offers (>= to 5% of total Orders) _____		
6 for \$60.00 _____	10,204	98.2
All Others _____	182	1.8
<b>TOTAL</b>	<b>10,386</b>	<b>100.0</b>

6. LENGTH OF SUBSCRIPTIONS	Total	Percent
Less than 1 year _____	-	-
1 year or more (but less than two) _____	10,386	100.0
2 years or more (but less than three) _____	-	-
3 years or more _____	-	-
<b>TOTAL</b>	<b>10,386</b>	<b>100.0</b>

7. USE OF FREE PROMOTIONAL INCENTIVES	Total	Percent
Ordered without promotional incentive _____	10,386	100.0
Ordered with editorial promotional incentive including reprints _____	-	-
Ordered with other promotional incentive _____	-	-
<b>TOTAL</b>	<b>10,386</b>	<b>100.0</b>

8. HOW ORDERED	Total	Percent
Ordered by individuals _____	-	-
Ordered by sponsors, individually addressed _____	-	-
Membership benefit _____	10,386	100.0
Ordered as multi-copy same addressee _____	-	-
Ordered with other product or service _____	-	-
<b>TOTAL</b>	<b>10,386</b>	<b>100.0</b>

**9. FIVE CALENDAR YEAR ANALYSIS: AVERAGE ANNUAL AUDITED QUALIFIED CIRCULATION AND CURRENT UNAUDITED CIRCULATION STATEMENTS**

	Audited Data	Audited Data	Audited Data	Audited Data	Circulation Claim
	2003	2004	2005	2006	*2007
Total Audit Average Qualified:	19,630	21,097	21,486	21,703	20,694
Qualified Non-Paid: _____	-	-	1	-	-
Qualified Paid: _____	19,630	21,097	21,485	21,703	20,694
Post Expire Copies included in Paid Circulation: _____	3.2	4.2	3.7	3.2	2.7
Average Annual Order Price: _	\$58.12	\$58.17	\$57.88	\$57.29	\$59.21

\*NOTE: 2007 data is unaudited.

\*\*NC = None Claimed.

**10. PAID CIRCULATION DATA**

\$59.21	Average Annual Subscription Order Price for the Period Required (includes promotional incentive value, if any)
6	Issues Per Year
**NC	All Single Copy Sales Prices for the Period
**NC	Renewal Rate of Paid Subscribers (Optional)

**11. ADDITIONAL DATA**
**PARAGRAPH 2:**

Additions and removals are not required for paid circulation.

**PUBLISHER'S AFFIDAVIT**

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

Christian DeSousa, Director of Customer Service

Gloria Hall, Editor & Director of Publications

(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 circulation statement has been checked against the previous audit report. It will be included in the annual audit made by BPA Worldwide.

Date signed July 9, 2007

State Florida

County Hillsborough

Received by BPA Worldwide July 9, 2007

Type PD

ID Number P052P0J7

**3a. BUSINESS/OCCUPATIONAL BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF MAY/JUNE 2007**

This issue is 0.3% or 70 copies above the average of the other 2 issues reported in Paragraph two.

BUSINESS AND INDUSTRY	TOTAL QUALIFIED	PERCENT OF TOTAL	QUALIFIED NON-PAID	QUALIFIED PAID	Architecture/Engineer/Construction (See Note 5)	Clinical/Investigational Materials	Health/Safety/Environmental	Maintenance	Operations/Manufacturing	Process Control/Automation (See Note 6)	Process Development/Technology Transfer	Project Management	QA/QC/Regulatory Compliance	Research and Development	Sales/Marketing/Business Development	Technical Services/Product Support (See Note 7)	Validation/Qualification/Commissioning	Senior Management/Senior Administration	Information Technology	Human Resources/Training	Student/ Faculty	Other Functions (See Note 8)
<b>MANUFACTURER/OPERATING</b>																						
1. Traditional Pharmaceuticals (See Note 1)	4,255	20.5	-	4,255	380	139	52	197	705	136	231	428	684	208	25	221	532	40	102	8	1	166
2. Biopharmaceuticals/Biotechnology	3,440	16.6	-	3,440	402	38	20	190	500	159	240	336	485	73	70	116	563	16	81	10	-	141
3. Contract and Generic	921	4.4	-	921	73	14	13	34	173	26	38	98	134	32	24	32	149	25	14	3	-	39
4. Medical Devices/Diagnostics	465	2.2	-	465	26	3	3	14	59	18	33	23	109	24	11	10	89	8	18	2	-	15
5. Bulk/API	437	2.1	-	437	34	1	9	18	78	10	25	37	128	6	11	10	45	2	10	1	-	12
6. Other Manufacturers/Operating (including Veterinary Medicine, Cosmetics and Food/Neutraceuticals)	174	0.8	-	174	6	1	-	9	36	6	15	13	44	12	2	5	13	-	7	-	-	5
<b>SERVICE PROVIDER</b>																						
7. Engineering/Architecture	2,043	9.9	-	2,043	1,083	1	14	20	30	186	42	252	20	5	84	70	119	47	6	-	-	64
8. Consulting	1,737	8.4	-	1,737	203	4	27	10	93	133	67	205	257	20	61	69	374	34	44	16	-	120
9. Construction Services Contractor (See Note 2)	814	3.9	-	814	388	-	-	7	8	23	2	188	11	7	73	15	15	37	1	-	-	39
10. Facilities/Equipment Maintenance	219	1.1	-	219	21	-	7	52	12	16	2	11	8	-	42	18	7	7	-	-	-	16
11. Other Service Provider (including Validation/Qualification/Commissioning, CRO - Clinical or Contract Research and IT/Computer Services)	923	4.5	-	923	16	8	1	5	21	70	11	33	90	9	30	13	524	1	65	2	-	24
<b>SUPPLIER</b>																						
12. Equipment/Components (See Note 3)	1,543	7.4	-	1,543	95	1	19	9	114	120	43	86	28	45	694	97	42	51	4	1	-	94
13. Packaging Materials	87	0.4	-	87	1	4	-	-	2	1	-	8	14	2	23	8	6	5	1	1	-	11
14. Clinical/Investigational Materials	102	0.5	-	102	-	32	-	1	9	1	3	9	15	7	9	2	3	2	-	-	-	9
15. Manufacturing Supplies/Raw Materials	42	0.2	-	42	-	-	-	1	4	-	-	2	1	4	20	1	2	4	-	-	-	3
16. Other Supplier (including Software/Hardware Products and Chemicals/Intermediates)	398	1.9	-	398	8	3	1	2	28	94	8	15	33	13	93	17	19	-	41	1	-	22
ACADEMIA	200	1.0	-	200	5	6	2	2	8	9	10	2	16	69	3	-	8	1	10	15	14	20
PUBLIC AUTHORITY/GOVERNMENT	96	0.5	-	96	2	1	3	1	8	3	1	4	41	5	6	2	5	-	2	1	-	11
OTHER (See Note 4)	2,845	13.7	-	2,845	76	4	6	17	66	87	30	47	111	22	189	40	80	33	11	14	1	2,011
<b>TOTAL QUALIFIED CIRCULATION</b>	<b>20,741</b>	<b>100.0</b>	<b>-</b>	<b>20,741</b>	<b>2,819</b>	<b>260</b>	<b>177</b>	<b>589</b>	<b>1,954</b>	<b>1,098</b>	<b>801</b>	<b>1,797</b>	<b>2,229</b>	<b>563</b>	<b>1,470</b>	<b>746</b>	<b>2,595</b>	<b>313</b>	<b>417</b>	<b>75</b>	<b>16</b>	<b>2,822</b>
<b>PERCENT</b>	100.0	-	-	100.0	13.6	1.3	0.9	2.8	9.4	5.3	3.9	8.7	10.7	2.7	7.1	3.6	12.5	1.5	2.0	0.4	0.1	13.5

1- Traditional Pharmaceuticals includes Pharmaceutical Integrated Manufacturers

2- Construction Services Contractor includes Construction Management

3- Equipment/Components includes Original Equipment Manufacturers and Equipment Distributors/Representatives

4- Other includes Other GMP Related Industries and members without demographics

5- Architecture/Engineering/Construction includes Field Engineering and Facilities Engineering

6- Process Control/Automation includes Computer and Process Control

7- Technical Services/Product Support includes Engineering Support and Technical Services

8- Other Functions include Logistics/Supply Chain Management, Purchasing/Contract Management and members without demographics