



IAB internet advertising revenue report

2012 first six months' results October 2012

An industry survey conducted by PwC and sponsored by the Interactive Advertising Bureau (IAB)





Table of Contents

Background	3
Executive summary	4
Year-to-date revenues show positive growth	5
Detailed findings	6
Historical second-quarter revenue trends	
Historical quarterly revenue trends	8
Historical revenue mix – first-half vs. second-half	9
Historical data findings	10
Industry revenue concentration	
Ad format – second-quarter 2012 results	
Ad format – first-half 2012 results	13
Historical format trends	14
Ad revenues by industry category	15
Industry advertising – year-over-year comparatives	
Revenues by pricing model	
Historical pricing model trends	
Appendix	



Background

About the IAB internet advertising revenue report

Conducted by PricewaterhouseCoopers LLP ("PwC") on an ongoing basis, with results released quarterly, the "IAB internet advertising revenue report" was initiated by the Interactive Advertising Bureau (IAB) in 1996. This report utilizes data and information reported directly to PwC by companies generating online / mobile advertising revenues, and publicly available corporate data.

The results reported are considered the most accurate measurement of Internet advertising revenues, which include both wired and mobile, because much of the data is compiled directly from information supplied by companies selling advertising online. All-inclusive, the report includes data reflecting online advertising revenues from websites, commercial online services, ad networks, mobile devices, and email providers, as well as other companies selling online advertising.

The report is conducted independently by PwC on behalf of the IAB. PwC does not audit the information and provides no opinion or other form of assurance with respect to the information. Only aggregate results are published, and individual company information is held in strict confidence with PwC. Further details regarding scope and methodology are provided in the appendix to this report.

David Silverman

S.h-

PwC

PwC Page 3 of 25



Executive summary

'IAB internet advertising revenue report' 2012 secondquarter and first six months' highlights

Internet advertising revenues ("revenues") in the United States totaled \$17.0 billion for the first six months of 2012, with Q1 2012 accounting for approximately \$8.3 billion and Q2 2012 totaling approximately \$8.7 billion. Revenues for the first six months of 2012 increased 14% over the first six months of 2011.

Key trends underlying HY 2012 results

Revenues increase 14% in HY 2012 — Internet advertising revenues in the United States totaled \$8.7 billion in the second-quarter of 2012, an increase of 5% from the 2012 first-quarter total of \$8.3 billion and an increase of 14% from the 2011 second-quarter total of \$7.7 billion. Year-to-date revenues through June 2012 totaled \$17.0 billion, up 14% from the \$14.9 billion reported 2011.

"This report establishes that marketers increasingly embrace mobile and digital video, as well as the entire panoply of interactive platforms to reach consumers in innovative and creative ways," said Randall Rothenberg, President and CEO, IAB. "These half-year figures come on the heels of a study from Harvard Business School researchers that points to the ad-supported internet ecosystem as a critical driver of the U.S. economy. Clearly, the digital marketing industry is on a positive trajectory that will propel the entire American business landscape forward."

- Randall Rothenberg, President and CEO, IAB

Mobile advertising increases 95% in HY 2012 — Mobile advertising in the United States totaled \$1.2 billion during HY 2012, up from \$636 million in the comparable period 2011.

"The tremendous growth of mobile advertising revenue over the past year is an indication of the importance of location to advertisers and mobility to consumers. Bringing the power of the internet to mobile devices has opened up a world of possibilities to both consumers and marketers."

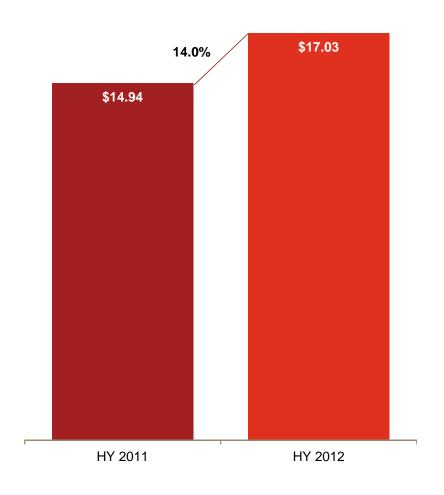
- David Silverman, Partner, PwC

PwC Page 4 of 25



Year-to-date revenues show positive growth

HY 2011 vs. HY 2012 (\$ billions)



Revenues for HY 2012 totaled \$17.0 billion, \$2.1 billion (or 14.0%) higher than HY 2011.

PwC Page 5 of 25



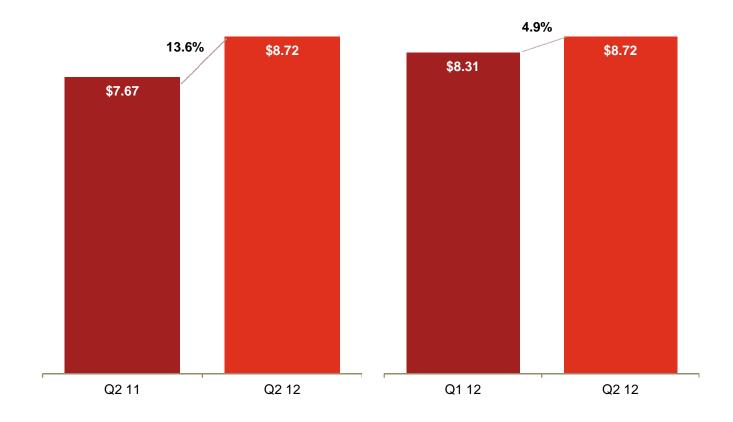
Detailed findings

Revenues total a record \$8.72 billion in Q2 2012

Total 2012 second-quarter revenues were \$1.04 billion (14%) higher than the second-quarter of 2011 and \$415 million (5%) higher than the first-quarter of 2012.

Q2 11 vs. Q2 12 (\$ billions)

Q1 12 vs. Q2 12 (\$ billions)



PwC Page 6 of 25

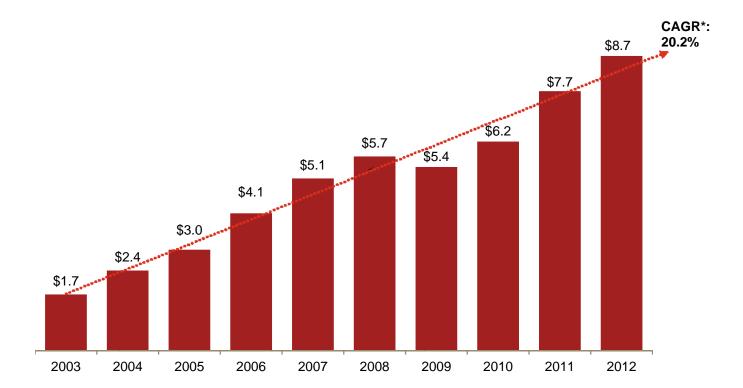


Historical second-quarter revenue trends

Revenue continues strong growth in Q2 2012

2012 second-quarter revenues increased on a year-over-year percentage and dollar basis. The 2012 second-quarter is the highest second-quarter on record and the second highest quarter ever.

Second-quarter revenue 2003-2012 (\$ billions)



PwC Page 7 of 25

^{*} CAGR: Compound Annual Growth Rate



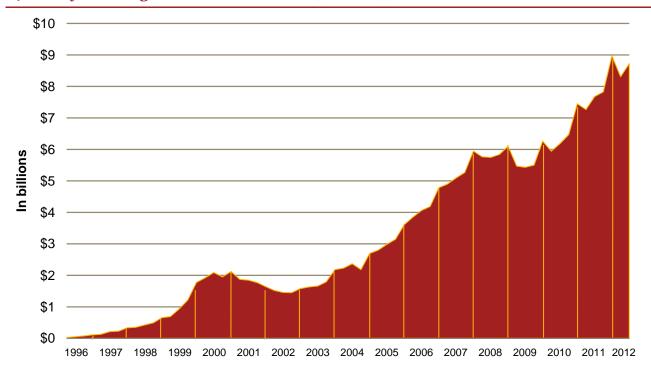
Historical quarterly revenue trends

Quarterly growth continues upward trend

Despite economic uncertainty, internet advertising continues to show strong growth from the recession related decline in 2009. After a seasonal related dip in Q1, the second-quarter continues the upward momentum.

Since 2003, 79% of quarters (30 out of 38) have experienced positive growth over their prior quarter.

Quarterly revenue growth trends 1996-2012 (\$ billions)



PwC Page 8 of 25



Historical revenue mix — first-half vs. second-half

First-half revenues reach \$17.0 billion

Applying historical seasonal data, the 2012 first six months' revenues of \$17.0 billion are on an annual run-rate to make 2012 the highest annual year, exceeding the \$31.7 billion in 2011, the previous highest annual total.

Historical revenue mix, first-half vs. second-half (\$ billions)



PwC Page 9 of 25



Historical data findings

Annual and quarterly revenue growth

	Revenue (in mil)	Q/Q Growth	Y/Y Growth		Revenue (in mil)	Q/Q Growth	Y/Y Growt
Q1 2001	\$1,872	-12%	-3%	Q1 2007	\$4,899	2%	279
Q2 2001	\$1,848	-1%	-12%	Q2 2007	\$5,094	4%	25
Q3 2001	\$1,773	-4%	-10%	Q3 2007	\$5,267	3%	26
Q4 2001	\$1,641	-7%	-23%	Q4 2007	\$5,946	13%	24
Total 2001	\$7,134		-12%	Total 2007	\$21,206		26
Q1 2002	\$1,520	-7%	-19%	Q1 2008	\$5,765	-3%	18
Q2 2002	\$1,458	-4%	-21%	Q2 2008	\$5,745	0%	13'
Q3 2002	\$1,452	-1%	-18%	Q3 2008	\$5,838	2%	119
Q4 2002	\$1,580	9%	-4%	Q4 2008	\$6,100	4%	29
Total 2002	\$6,010		-16%	Total 2008	\$23,448		11
Q1 2003	\$1,632	3%	7%	Q1 2009	\$5,468	-10%	-59
Q2 2003	\$1,660	2%	14%	Q2 2009	\$5,432	-1%	-59
Q3 2003	\$1,793	8%	24%	Q3 2009	\$5,500	1%	-6'
Q4 2003	\$2,182	22%	38%	Q4 2009	\$6,261	14%	39
Total 2003	\$7,267		21%	Total 2009	\$22,661		-3
Q1 2004	\$2,230	2%	37%	Q1 2010	\$5,942	-5%	99
Q2 2004	\$2,369	6%	43%	Q2 2010	\$6,185	4%	14
Q3 2004	\$2,333	-2%	30%	Q3 2010	\$6,465	5%	18
Q4 2004	\$2,694	15%	24%	Q4 2010	\$7,449	15%	19
Total 2004	\$9,626		33%	Total 2010	\$26,041		15
Q1 2005	\$2,802	4%	25%	Q1 2011	\$7,264	-2%	22
Q2 2005	\$2,985	7%	26%	Q2 2011	\$7,678	6%	24
Q3 2005	\$3,147	5%	35%	Q3 2011	\$7,824	2%	21
Q4 2005	\$3,608	15%	34%	Q4 2011	\$8,970	15%	20
Total 2005	\$12,542		30%	Total 2011	\$31,735		22
Q1 2006	\$3,848	7%	37%	Q1 2012	\$8,307	-7%	14
Q2 2006	\$4,061	6%	36%	Q2 2012	\$8,722	5%	14
Q3 2006	\$4,186	3%	33%	_	•	•	,
Q4 2006	\$4,784	14%	33%	_			
Total 2006	\$16,879		35%	-			

PwC Page 10 of 25

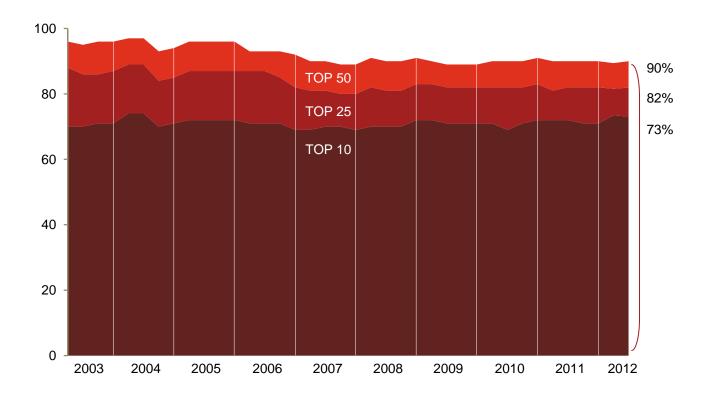


Industry revenue concentration

Top 10 companies command 73% of revenues in Q2 2012

- Online advertising continues to remain concentrated with the 10 leading ad-selling companies, which accounted for 73% of total revenues in Q2 2012, up slightly from the 72% reported in Q2 2011.
- Companies ranked 11th to 25th accounted for 9% of revenues in Q2 2012, consistent with the 9% reported in Q2 2011. Companies ranked 26th to 50th accounted for 8% in Q2 2012, also consistent with the 8% in Q2 2011.

% share of total revenues



PwC Page 11 of 25



Ad format – second-quarter 2012 results

Search and Display continue to lead ad formats, while Mobile growth remains strong

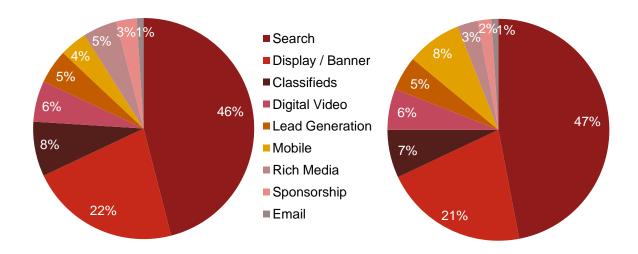
- Search accounted for 47% of Q2 2012 revenues, up from 46% in Q2 2011. Search revenues totaled \$4.1 billion in Q2 2012, up 17% from Q2 2011, when Search totaled \$3.5 billion.
- Display-related advertising accounted for \$2.9 billion or 33% of total revenues during Q2 2012, up 6% from the \$2.7 billion (36% of total) reported in Q2 2011. Q2 2012 Display-related advertising includes Display/Banner Ads (21% of revenues, or \$1.9 billion), Rich Media (3% or \$257 million), Digital Video (6% or \$549 million), and Sponsorship (2% or \$215 million).
- Classifieds revenues totaled \$583 million or 7% of Q2 2012 revenues, down 7% from the \$625 million (8% of total) reported in Q2 2011.
- Lead Generation revenues accounted for 5% of Q2 2012 revenues, or \$431 million, up 4% from the \$413 million (5% of total) reported in Q2 2011.
- Mobile revenues totaled 8% of Q2 2012 revenues, or \$661 million, up 92% from the \$344 million (4% of total) reported in Q2 2011.
- Email revenues accounted for 0.5% of Q2 2012 revenues or \$42 million, up 2% from the \$41 million (0.5% of total) reported for Q2 2011.

Ad formats - Q2 2011 (revised) *

Ad formats - Q2 2012

Total - \$7.7 billion**

Total - \$8.7 billion**



- * Mobile revenue is presented in the ad formats section of the report as a separate category for Q2 2011 for the first time. In order to provide a comparison to the prior year, we have revised 2011 revenues for ad formats to be on a consistent basis (see the Appendix on page 22 for the methodology).
- ** Amounts may not equal 100% due to rounding.

PwC Page 12 of 25



Ad format – first-half 2012 results

Search continues to gain ground in format share

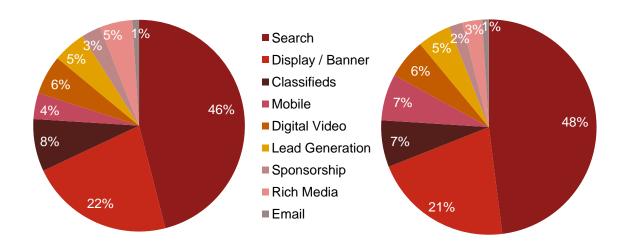
- Search revenues accounted for 48% of HY 2012 revenues, up from 46% in HY 2011. Search revenues totaled \$8.1 billion in HY 2012, up 19% from HY 2011, when Search totaled \$6.8 billion.
- Display-related advertising accounted for \$5.6 billion or 33% of total revenues during HY 2012, up 4% from the \$5.3 billion (36% of total) reported in HY 2011. HY 2012 Display-related advertising includes Display/Banner Ads (21% of HY 2012 revenues, or \$3.6 billion), Rich Media (3% or \$495 million), Digital Video (6% or \$1 billion), and Sponsorship (2% or \$416 million).
- Classifieds revenues totaled \$1.2 billion or 7% of HY 2012 revenues, on par with the \$1.2 billion (8% of total) reported in HY 2011.
- Lead Generation revenues accounted for 5% of HY 2012 revenues, or \$834 million, up 4% from the \$800 million (5% of total) reported in HY 2011.
- Mobile revenues totaled 7% of HY 2012 revenues, or \$1.2 billion, up 95% from the \$636 million (4% of total) reported in HY 2011.
- Email revenues accounted for 0.5% of HY 2012 revenues or \$78 million, down 1% from the \$79 million (0.5% of total) reported for HY 2011.

Ad formats - first-half 2011 (revised) *

Ad formats – first-half 2012

Total - \$14.9 billion**

Total - \$17.0 billion**



- * Mobile revenue is presented in the ad formats section of the report as a separate category for HY 2011 for the first time. In order to provide a comparison to the prior year, we have revised 2011 revenues for ad formats to be on a consistent basis (see the Appendix on page 22 for the methodology).
- ** Amounts may not equal 100% due to rounding.

PwC Page 13 of 25

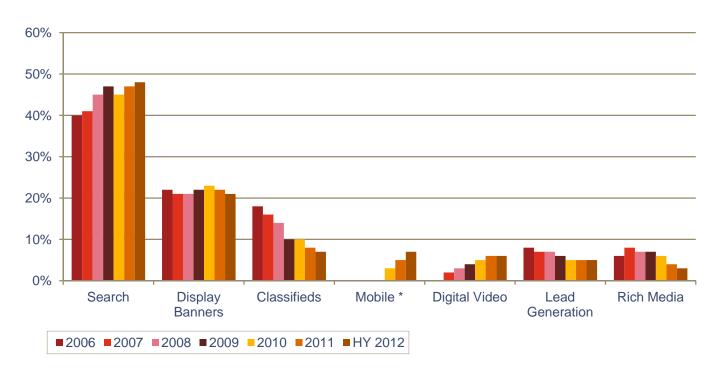


Historical format trends

Search retains largest share of revenue, while Mobile grows fastest

- Search remains the leading format, having strong sequential growth through this period.
- The percentage share increase in Digital Video was more than offset by the decline in Rich Media.
- First-half 2012 Mobile revenues* represent 75% of the total Mobile revenues for 2011.

Advertising format share, 2006 - HY 2012** (% of total revenue)



- * Mobile revenue is presented in the ad formats section of the report as a separate category for HY 2011 for the first time. In order to provide a comparison to the prior year, we have revised 2011 revenues for ad formats to be on a consistent basis (see the Appendix on page 22 for the methodology).
- ** Format definitions may have changed over the time period depicted, both within the survey process and as interpreted by survey respondents.

PwC Page 14 of 25



Ad revenues by industry category

Retail drives advertising, as dollars shift to digital

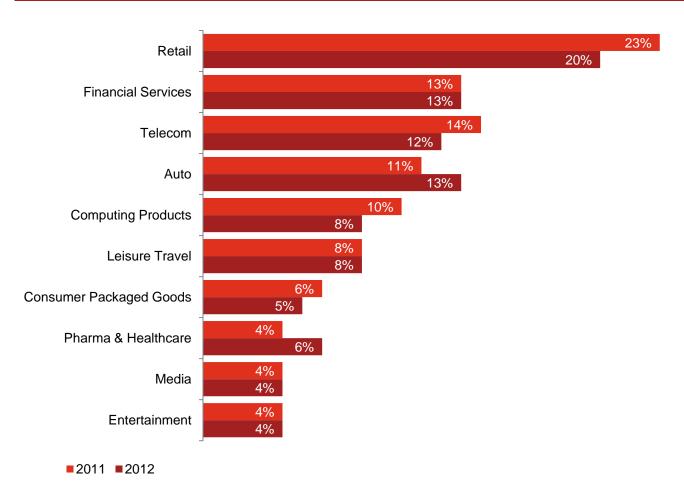
- Retail advertisers, despite an overall decline, continue to represent the largest category of Internet ad spending, accounting for 20% in the first-half of 2012, or \$3.4 billion, down from 4% (\$3.5 billion) reported in HY 2011.
- Telecom companies accounted for 12% of 2012 first six months' revenues or \$2.1 billion, consistent with revenues reported in 2011, which represented 14% of HY 2011 revenues.
- Financial Services advertisers accounted for 13% in 2012 (\$2.2 billion), up from the \$1.9 billion (13% of total) reported in HY 2011.
- Automotive advertisers accounted for 13% of revenues in the first-half of 2012, or \$2.2 billion, up from the \$1.7 billion (11% of total) reported in HY 2011.
- Computing products advertisers represented 8% of revenues in the first six months of 2012, or \$1.3 billion, down from the \$1.5 billion (10% of total) reported in HY 2011.
- Leisure Travel (airfare, hotels, and resorts) accounted for 8% of revenues in the first six months of 2012 (\$1.3 billion), up from the \$1.2 billion (8% of total) reported in HY 2011.
- Consumer Packaged Goods represented 5% in 2012, or \$898 million, up from \$866 million (6%) reported in HY 2011.
- Entertainment accounted for 4% of 2012 revenues, or \$729 million, up from the \$556 million (4% of total) reported in HY 2011.
- Media accounted for 4% in 2012, or \$719 million, up from the \$660 million (4% of total) reported in 2011.
- Pharma/Healthcare accounted for 6% in 2012, or \$1.1 billion, up from the \$608 million (4% of total) reported in HY 2011.

PwC Page 15 of 25



Industry advertising – year-over-year comparatives

Internet ad revenues by major industry category*, year to date: 2011 vs. 2012



^{*} Industry definitions may have changed over the time period depicted, both within the survey process and as interpreted by survey respondents. Amounts do not total to 100% as minor categories are not displayed.

PwC Page 16 of 25



Revenues by pricing model

Performance-based pricing gains interest

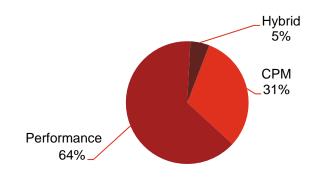
- Approximately 67% of HY 2012 revenues were priced on a performance basis, up from the 64% reported in HY 2011.
- Approximately 31% of HY 2012 revenues were priced on a cost per medium/thousand (CPM) or impression basis, consistent with the 31% reported in HY 2011.
- Approximately 2% of HY 2012 revenues were priced on a hybrid basis, down from the 5% reported in HY 2011.

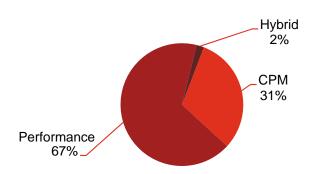
Pricing models – first six months 2011

Total - \$14.9 billion

Pricing models – first six months 2012

Total - \$17.0 billion



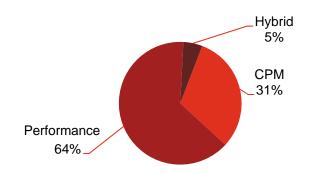


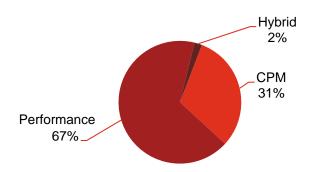
Pricing models - Q2 2011

Total - \$7.7 billion

Pricing models – Q2 2012

Total - \$8.7 billion





PwC Page 17 of 25

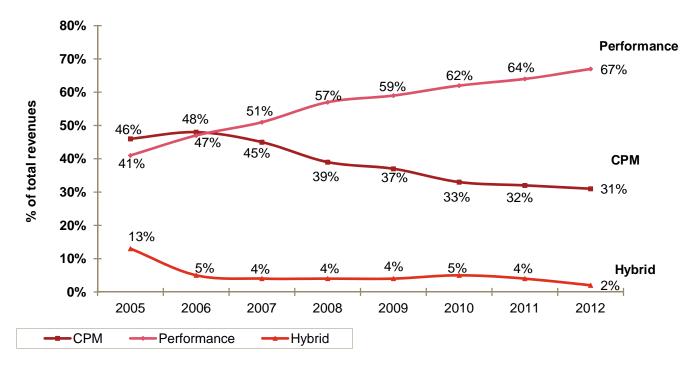


Historical pricing model trends

Performance-based pricing remains the preferred model

Performance-based pricing, the most prevalent pricing model since 2006, has maintained a strong sequential growth rate, reaching 67% in the first six months of 2012. It is followed by CPM/impression-based pricing, which has declined as a percentage of revenue over the past several years. Hybrid pricing had seen the greatest loss in percentage revenue over the period, a sharp dip from 13% in 2005 to 2% in 2012.

Internet ad revenues by pricing model*



* Pricing model definitions may have changed over the time period depicted both within the survey process and as interpreted by survey respondents.

PwC Page 18 of 25



Appendix

Definitions of leading industry categories

The industry categories used in the "IAB Internet Advertising Revenue Report" were sourced from the North American Standard Industrial Classification (SIC) Manual.†

Includes mail order/catalog, apparel, restaurants/fast food, home furnishings/textiles, toys, pet food/supplies, appliances, jewelry, drugstores, retail stores, and cosmetics stores.
Includes all automotive-related categories including sale/purchase of vehicles and parts and maintenance.
Includes film, music, TV, box office, video games, and amusement & recreation.
Includes packaged goods, food products, household products, and tobacco.
Includes travel, hotel, airlines, and resorts.
Includes hardware (computers, computer storage devices, and computer peripheral equipment), consumer electronics, prepackaged software (operating, utility, and applications programs), local area network systems and network systems integration, computer processing, and data preparation and data processing services.
Includes commercial banks, credit agencies, personal credit institutions, consumer finance companies, loan companies, business credit institutions, and credit card agencies. Also includes companies engaged in the underwriting, purchase, sale, or brokerage of securities and other financial contracts.
Includes point-to-point communications services, including telephone voice and data communications, two-way mobile/cellular communications services, and other non-vocal message communications services (e.g., cablegram, electronic mail and facsimile). Includes multichannel video providers on a subscription fee basis (e.g., cable television, wireless cable television, and direct broadcast satellite services).
Includes pharmaceutical products, facilities, services, researchers, and biological products. Also comprises establishments providing healthcare and social assistance for individuals as well as personal care, toiletries, and cosmetic products.
Includes establishments primarily engaged in radio and television broadcasting (network and station) including commercial, religious, educational, and other radio or television stations. Also includes establishments primarily engaged in publishing newspapers, periodicals, and books.

†Survey participants reported results based on the 20 industry categories listed on page 21, which were used specifically for the "IAB Internet Advertising Revenue Report." This is consistent with other relevant industry categorization sources that measure advertising spending by industry. For purposes of this report, PwC classified a number of individual categories under "Retail."

PwC Page 19 of 25



Display Advertising	Advertiser pays an Internet company for space to display a static or hyper-linked banner or logo on one or more of the Internet company's pages.			
Sponsorship	Represents custom content and/or experiences created for an advertiser, which may or may not include ad elements such as display advertising, brand logos, advertorial, or pre-roll video. Sponsorships fall into several categories: • Spotlights are custom-built pages incorporating an advertiser's brand and housing a collection of content usually around a theme • Advergaming can range from an advertiser buying all the ad units around a game or a "sponsored by"			
	 link to creating a custom branded game experience Content & Section Sponsorship is when an advertiser exclusively sponsors a particular section of the site or email (usually existing content) re-skinned with the advertiser's branding Sweepstakes & Contests can range from branded sweepstakes on the site to a full-fledged branded contest with submissions and judging 			
Email	Banner ads, links, or advertiser sponsorships that appear in email newsletters, email marketing campaigns, and other commercial email communications. Includes all types of electronic mail (e.g., basic text or HTML-enabled).			
Search	Fees advertisers pay Internet companies to list and/or link their company site domain name to a specific search word or phrase (includes paid search revenues). Search categories include:			
	 Paid listings — text links appear at the top or side of search results for specific keywords. The more a marketer pays, the higher the position it gets. Marketers pay only when a user clicks on the text link. Contextual search — text links appear in an article based on the context of the content, instead of a user-submitted keyword. Payment occurs only when the link is clicked. Paid inclusion — guarantees that a marketer's URL is indexed by a search engine. The listing is determined by the engine's search algorithms. Site optimization — modifies a site to make it easier for search engines to automatically index the site and hopefully result in better placement in results. 			
Lead Generation	Fees advertisers pay to Internet advertising companies that refer qualified purchase inquiries (e.g., auto dealers that pay a fee in exchange for receiving a qualified purchase inquiry online) or provide consumer information (demographic, contact, behavioral) where the consumer opts into being contacted by a marketer (email, postal, telephone, fax). These processes are priced on a performance basis (e.g., cost-peraction, -lead or -inquiry) and can include user applications (e.g., for a credit card), surveys, contests (e.g., sweepstakes), or registrations.			
Classifieds and Auctions	Fees advertisers pay Internet companies to list specific products or services (e.g., online job boards and employment listings, real estate listings, automotive listings, auction-based listings, yellow pages).			
Rich Media	Advertisements that incorporate animation, sound, and/or interactivity in any format. It can be used either singularly or in combination with the following technologies: sound, Flash, and with programming languages such as Java, JavaScript, and DHTML. It is deployed via standard Web and wireless applications including e-mail, static (e.g., .html) and dynamic (e.g., .asp) Web pages, and may appear in ad formats such as banners, buttons, and interstitials. Interstitials are included in the rich media category and represent full- or partial-page text and image server-push advertisements, which appear in the transition between two pages of content. Forms of interstitials can include splash screens, page takeovers, and pop-up windows.			
Digital Video Commercials	TV-like advertisements that may appear as in-page video commercials or before, during, and/or after a variety of content in a player environment including but not limited to streaming video, animation, gaming, and music video content. This definition includes digital video commercials that appear in live, archived, and downloadable streaming content.			
Mobile Advertising	Advertising tailored to and delivered through wireless mobile devices such as smartphones (e.g., Blackberry, iPhone, Android), feature phones (e.g., lower-end mobile phones capable of accessing mobile content), and media tablets (e.g., iPad, Samsung Galaxy Tab). Typically taking the form of static or rich media display ads, text messaging ads, search ads, or audio/video spots, such advertising generally appears within mobile websites (e.g., websites optimized for viewing on mobile devices), mobile applications (e.g., applications for smartphones running iOS, Android, or other operating systems, or Java or BREW applications), text messaging services (i.e., SMS, MMS), or within mobile search results (i.e., 411 listings, directories, mobile-optimized search engines). Mobile advertising revenues are currently reported within the above preexisting advertising formats, but have been estimated and identified individually within this report.			

PwC Page 20 of 25



Survey scope and methodology

Survey scope

The Interactive Advertising Bureau (IAB) retained PwC to establish a comprehensive standard for measuring the growth of Internet advertising revenues.

- The "IAB internet advertising revenue report" is part of an ongoing IAB mission to provide an accurate barometer of Internet advertising growth.
- To achieve differentiation from existing estimates and accomplish industry-wide acceptance, key aspects of the survey include:
 - Obtaining historical data directly from companies generating Internet advertising revenues, inclusive of wired and mobile:
 - Making the survey as inclusive as possible, encompassing all forms of Internet advertising, including websites, consumer online services, ad networks, mobile devices, and e-mail providers; and
 - Ensuring and maintaining a confidential process, releasing only aggregate data.

Methodology

- PwC performs the following:
 - Compiles a database of industry participants selling Internet advertising revenues
 - Conducts a quantitative mailing survey with leading industry players, including Web publishers, ad networks, commercial online service providers, mobile providers, e-mail providers, and other online media companies
 - Acquires supplemental data through the use of publicly disclosed information
 - Requests and compiles several specific data items, including monthly gross commissionable advertising revenue by industry category and transaction
 - Identifies non-participating companies and applies a conservative revenue estimate based on available public sources
 - Analyzes the findings, identifies and reports key trends
- Prior year data was restated to include mobile as a format category

Survey industry categories

Automotive Financial Servi
Beer/Wine/Liquor Insurance, Sect
Business Products/Services Personal Care,
Computers (Hardware/Software)
and Consumer Electronics Drugs and Rem
Consumer Packaged Goods, Food,
Non-Alcoholic Beverages and Candy
Educational Services Professional Sp
Entertainment (Film, Music, TV, Box
Office, Video Games,
Amusement/Recreational)

Financial Services (Banks, Insurance, Securities, Mortgages) Personal Care, Toiletries, and Cosmetics Drugs and Remedies Manufacturing Media Professional Sports and Sporting & Athletic Goods Real Estate Restaurants/Fast Food Retail, Mail Order, Catalogs and Apparel Telecommunications: Telephony, Cable/Satellite TV Services, ISPs Toys/Games Leisure Travel (Airfare, Hotels, Resorts) Business Travel (Airfare, Hotels, Resorts)

PwC Page 21 of 25



2011 revisions to advertising formats for Mobile

Updates to 2011 half-year results for advertising formats

In 2010 PwC began collecting Mobile advertising information, however, it was not disclosed as a discrete category until the full year 2011 report. In 2012, with comparable information available for the prior half-year, PwC revised the format revenues previously reported in HY 2011 to provide comparability between HY 2011 and HY 2012 data. Revenues for HY 2011 advertising formats were revised on pages 12-14. (Note: No change was made to the total, industry, or pricing model revenues.)

Methodology to revise 2010 advertising formats

- PwC incorporated the 2011 Mobile estimate (derived from direct submissions, publicly available information, and industry research) into the new Mobile format.
- PwC reduced non-Mobile formats in a manner consistent with allocation used in full year 2011 to allocate reported Mobile to the historical formats.
- PwC calculated revised HY 2011 formats and analyzed to correct any anomalies.

	Second-quarter 2011			Half-year 2011		
	2Q 2011 Original	Revised Amount	2Q 2011 Revised	2011 Original	Revised Amount	2011 Revised
Search	49.1%	-3.2%	45.9%	48.8%	-3.1%	45.7%
Classifieds and Directories	8.2%	-0.1%	8.1%	8.3%	-0.1%	8.2%
Lead Generation	5.4%	-	5.4%	5.4%	-	5.4%
E-mail	0.5%	-	0.5%	0.5%	-	0.5%
Mobile	-	4.5%	4.5%	-	4.3%	4.3%
Display-related					1	
Digital Video Commercials	6.1%	-	6.1%	6.0%	-	6.0%
Ad banners/display ads	22.7%	-0.9%	21.8%	22.8%	-0.9%	21.9%
Sponsorships	2.9%	-	2.9%	3.1%	-	3.1%
Rich media	5.1%	-0.3%	4.8%	5.1%	-0.2%	4.9%
Total display-related	36.8%	-1.2%	35.6%	37.0%	-1.1%	35.8%
Total	100.0%	-	100.0%	100.0%	-	100.0%

PwC Page 22 of 25



About the Interactive Advertising Bureau

The Interactive Advertising Bureau (IAB) is comprised of more than 500 leading media and technology companies that are responsible for selling 86% of online advertising in the United States. On behalf of its members, the IAB is dedicated to the growth of the interactive advertising marketplace, of interactive's share of total marketing spend, and of its members' share of total marketing spend. The IAB educates marketers, agencies, media companies and the wider business community about the value of interactive advertising. Working with its member companies, the IAB evaluates and recommends standards and practices and fields critical research on interactive advertising. Founded in 1996, the IAB is headquartered in New York City with a Public Policy office in Washington, D.C. For more information, please visit www.iab.net.

Overall report guidance provided by IAB leadership

Executive Committee

President

Randall Rothenberg

IAB

Leon Levitt

CMG Digital & Strategy Team

Bob Carrigan

IDG

Chairman

Peter Naylor

NBC Universal Digital Media

David Moore

24/7 Real Media. Inc.

Lauren Wiener

Meredith Interactive Media

Vice Chair

Randy Kilgore

Tremor Media

Rik van der Kooi

Microsoft Advertising

Bill Todd

ValueClick Media

David Morris

CBS Interactive

Paul Palmieri

Jeff Pullen

Millennial Media

AudienceScience

Comcast Interactive Media

Scott Schiller

Drew Schutte

Condé Nast

Vivek Shah

Ziff Davis LLC

Amazon.com

Board of Directors

John Alderman

Washington Post Digital

Joe Apprendi

Collective

Tom Arrix

Facebook

John Battelle

Federated Media

Alisa Bowen

The Wall Street Journal Digital

Network

Ned Brody

AOL. Inc.

Paul Caine

Time Inc.

Jean Paul Colaco

Hulu

Kevin Conroy

Univision Interactive Media

Henrique de Castro

Google, Inc

Jory Des Jardins

BlogHer

Dave Dickman

Apple

Joan Gillman

Time Warner Cable

Mark Howard

Forbes.com

Cella Irvine

Vibrant Media

Walker Jacobs

Turner Broadcasting System, Inc.

Mike Keriakos

Everyday Health

Dave Madden

Electronic Arts

Greg McCastle Cablevision Media Sales

Denise Warren

Evan Sternschein

Lisa Utzschneider

The New York Times Company

Discovery Communications

Grant Whitmore

Hearst Magazines Digital Media

Ex-Officio

Treasurer

Bruce Gordon

Disney Interactive Media Group

Secretary

Joe Rosenbaum

Reed Smith LLP

Founding Chairman

Rich LeFurgy

Archer Advisors

PwC Page 23 of 25



PwC New Media Group with the Entertainment, Media, and Communications practice

As business, accounting, and tax advisors to many of the world's leading Entertainment, Media, and Communications (EMC) and Technology (Tech) companies, PwC (www.pwc.com) has an insider's view of trends and developments driving the industry. With approximately 1,200 practitioners serving EMC and Tech clients in the United States, PwC is deeply committed to providing clients with industry expertise and resources. In recent years, our pioneering work in EMC and Tech has included developing strategies to leverage digital technology, identifying new sources of financing, and marketplace positioning in industries characterized by consolidation and transformation. Our experience reaches across all geographies and segments of the EMC and Tech sectors, including broadband, wireless, the Internet, music, film, television, publishing, advertising, gaming, theme parks, computers and networking, and software. With thousands of practitioners around the world, we are always close at hand to provide deep industry knowledge and resources.

PwC's New Media Group was the first practice of its kind at a Big Four firm. Currently located in New York, Los Angeles, Boston, Seattle, and the Bay Area, our New Media Group includes accounting, tax, and consulting professionals who have broad and deep experience in the three areas that converge to form new media: advanced telecommunications, enabling software, and content development/distribution.

Our services include:

- Business assurance services
- Web audience measurement and advertising delivery auditing and advisory

San Jose

- IAB Measurement Certification Compliance auditing
- Privacy policy structuring, attestation, and compliance advisory
- Mergers & acquisitions assistance
- Tax planning and compliance
- · Capital sourcing and IPO assistance

For more information about our New Media Group, contact one of the following PwC professionals:

New York

David Silverman
Partner, Assurance Services
646.471.5421
david.silverman@us.pwc.com

New York

Russ Sapienza
Partner, Advisory Services
646.471.1517
russell.j.sapienza@us.

New York

Russ Sapienza

Partner, Advisory Services
646.471.1517

Russell.j.sapienza@us.pwc.com

New York

Michael Altschul

Manager, Advisory Services
646.471.4903

michael.altschul@us.pwc.com

Seattle

Boston
Vic Petri
Partner, Assurance Services
617.478.1698
victor.petri@us.pwc.com

Mike Pearl
Partner, Assurance Services
408.817.3801
michael.pearl@us.pwc.com

Suzanne Faulkner
Partner, Assurance Services
206.398.3550
suzanne.faulkner@us.pwc.com

PwC Page 24 of 25



www.pwc.com/e&m

This publication has been prepared for general guidance on matters of interest only, and does not constitute professional advice. You should not act upon the information contained in this publication without obtaining specific professional advice. No representation or warranty (express or implied) is given as to the accuracy or completeness of the information contained in this publication, and, to the extent permitted by law, PricewaterhouseCoopers LLP, its members, employees and agents do not accept or assume any liability, responsibility or duty of care for any consequences of you or anyone else acting, or refraining to act, in reliance on the information contained in this publication or for any decision based on it.

© 2012 PricewaterhouseCoopers LLP. All rights reserved. PwC refers to the United States member firm, and may sometimes refer to the PwC network. Each member firm is a separate legal entity. Please see www.pwc.com/structure for further details.