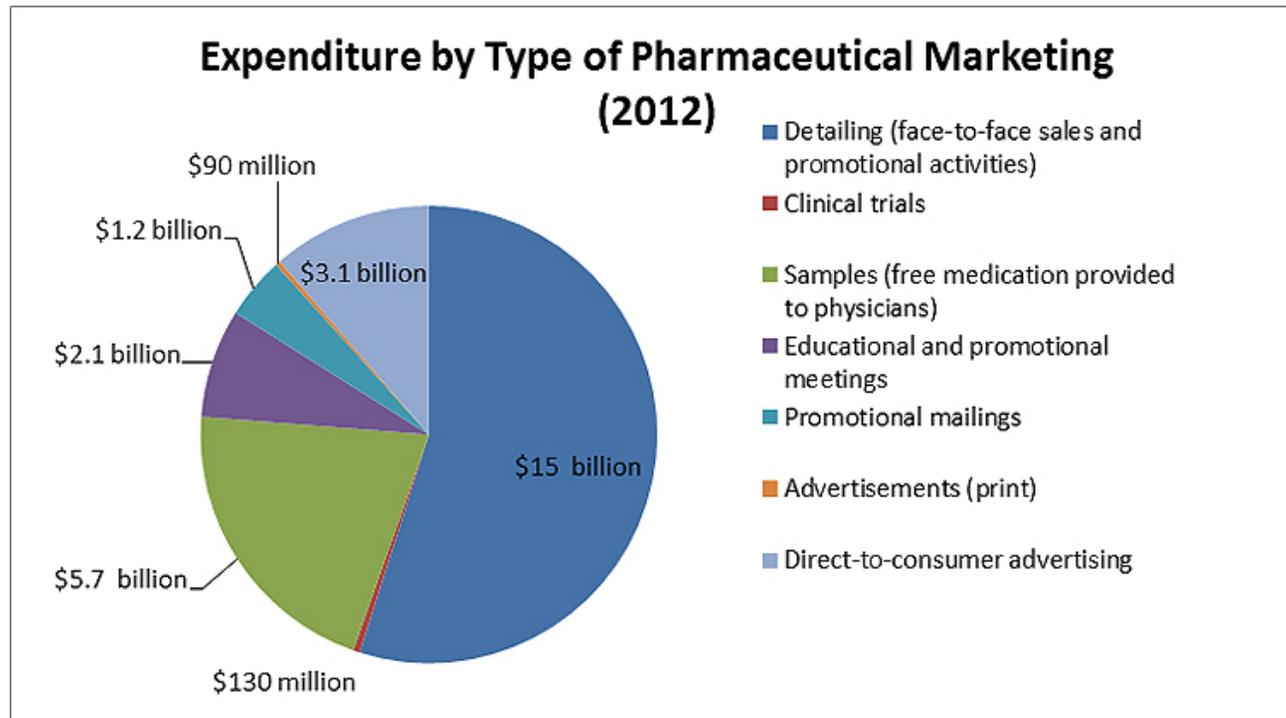


Persuading the Prescribers: Pharmaceutical Industry Marketing and its Influence on Physicians and Patients

FACT SHEET November 11, 2013 Projects: [Pew Prescription Project](#) Read time: 4 min

In 2012, the pharmaceutical industry spent more than \$27 billion on drug promotion¹—more than \$24 billion on marketing to physicians and over \$3 billion on advertising to consumers (mainly through television commercials).² This approach is designed to promote drug companies' products by influencing doctors' prescribing practices.³

How Does the Pharmaceutical Industry Market its Drugs and How Much Does It Spend?



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Source: Cegedim Strategic Data, 2012 U.S. Pharmaceutical Company Promotion Spending (2013).

Direct Marketing

Detailing: This marketing approach refers to face-to-face promotional activities directed toward physicians and pharmacy directors. Pharmaceutical representatives typically visit doctors to pitch their drugs. Detailing also includes taking doctors out for meals and giving them gifts in the form of medical textbooks. As of 2012, approximately 72,000 pharmaceutical sales representatives were employed in the United States.⁴

Samples: Providing free medication samples to physicians has been shown to cause significant increases in new prescriptions for the promoted drug.⁵ Although companies assert that samples benefit indigent patients, research indicates that most are given to

insured patients whose medications are covered.⁶ Indeed, patients who are given samples ultimately have higher prescription costs than those who do not receive them because they are then prescribed the sampled drug rather than its less-expensive generic alternative.⁷

Educational and Promotional Meetings: Sales representatives invite doctors to meetings during which industry-paid physicians discuss the use of particular drugs. These speakers are often leaders in their fields, which increases the draw. According to an analysis by ProPublica, an independent investigative news organization, eight pharmaceutical companies provided more than \$220 million in speaker payments to physicians in 2010.⁸ The companies often host these events at restaurants and provide meals to physicians who attend.⁹

Promotional Mailings: Pharmaceutical companies send unsolicited promotional materials to most doctors' offices. Typically, these brochures tout a drug's benefits and positively describe the results of recent clinical trials, which are often funded by the same company. One study found that these materials were highly biased in favor of the company's products, mainly because they selectively reported trials in which the sponsored drug outperformed that of competitors.¹⁰

Journal and Web Advertisements: These advertisements are standard promotional techniques that provide an important source of revenue for medical journals. The accuracy of statements in such ads is regulated by the U.S. Food and Drug Administration, or FDA. According to one study, journal advertising generated the highest return on investment of all promotional strategies employed by pharmaceutical companies, with returns ranging from \$2.22 to \$6.86 per advertising dollar spent between 1995 and 1999.¹¹ In April 2009, FDA warned 14 major drugmakers for running search ads for many of their products that highlighted the products' effectiveness without noting any of their risks.¹²

Direct-to-Consumer Advertising: In 1997, FDA issued guidance that enabled pharmaceutical companies to more easily advertise to the public. Since then, spending on these direct-to-

consumer ads has nearly quadrupled.¹³ One study showed that 43 percent of respondents thought that only “completely safe” drugs were allowed to be advertised. Direct-to-consumer advertising has proved effective in motivating patients to ask for the branded product, even when generic equivalents exist.¹⁴ Furthermore, these ads have encouraged one-third of respondents to speak to their doctors about the promoted drug and one-fifth to request the prescription.¹⁵ In one study, doctors were more likely to prescribe a branded antidepressant when asked for it by name than when patients didn't specify which treatment they wanted.¹⁶

The United States and New Zealand are the only member countries of the Organization for Economic Cooperation and Development in which drug companies can advertise prescription drugs directly to consumers. (The organization includes 34 of the world's most advanced and emerging nations in North and South America, Europe, and Asia.)

Indirect Marketing

Continuing Medical Education (CME): In 2011, the pharmaceutical and medical device industries provided 32 percent of all funding for continuing medical education courses in the United States—\$752 million out of \$2.35 billion.¹⁷ To prevent these courses from functioning as veiled marketing, they are regulated by the Accreditation Council for Continuing Medical Education. However, a 2007 Senate Finance Committee report found that “drug companies have used educational grants as a way to increase the market for their products in recent years.”¹⁸

Grants to Health Advocacy Organizations (HAO): Patient advocates can mobilize large numbers of people on behalf of a specific issue, often to the benefit of drug companies that manufacture treatments for their diseases. One study found that organizations that had received grants from pharmaceutical manufacturers often endorsed the companies' positions, while groups that had received minimal financing focused their advocacy on drugs' potential side effects.¹⁹

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