

2003 ASAPS Statistics — 8.3 Million Cosmetic Procedures: American Society for Aesthetic Plastic Surgery Reports 20 Percent Increase

New York, NY (February 18, 2004) — The number of surgical and nonsurgical cosmetic procedures in the United States increased by 20 percent in 2003 to a total of nearly 8.3 million, according to statistics released today by the American Society for Aesthetic Plastic Surgery (ASAPS). The number of surgical procedures increased 12 percent and the number of nonsurgical procedures increased 22 percent from 2002. ASAPS, a national not-for-profit organization for education and research in cosmetic plastic surgery, annually conducts the nation's most authoritative survey of U.S. physicians performing cosmetic procedures.

"A strengthening economy means that people are more willing to invest in the things that improve their quality of life," says ASAPS President Robert Bernard, MD, of White Plains, NY. "Feeling good about the way they look is high on the list of priorities for many Americans."

Trends

Top Surgical Procedures

The five most popular *surgical* cosmetic procedures in 2003 were: liposuction (384,626); breast augmentation (280,401); eyelid surgery (267,627); rhinoplasty (172,420); and female breast reduction (147,173). Breast reduction may be covered by insurance, depending on terms of the policy and individual patient factors.

There were significant percentage increases from 2002 in several body contouring procedures often used to treat patients with major weight loss: abdominoplasty (increased by 42 percent to 117,693 procedures); lower body lift (increased by 127 percent to 10,964 procedures); thigh lift (increased by 109 percent to 8,806 procedures); and upper arm lift (increased by 68 percent to 10,595 procedures). There were also large percentage increases for buttock lift (increased by 70 percent to 3,565 procedures) and buttock augmentation (increased by 533 percent to 3,885 procedures). Large percentage changes are common in cases where the total number of procedures is small.

Top Nonsurgical Procedures

Botox injections continued to rank first among *all* cosmetic procedures (surgical and nonsurgical combined), increasing 37 percent from 2002. The top five *nonsurgical* cosmetic procedures were: Botox injection (2,272,080); laser hair removal (923,200); microdermabrasion (858,312); chemical peel (722,248); and collagen injection (620,476). Human-derived collagen products (CosmoDerm, CosmoPlast) were used in 29 percent of collagen injection procedures. There were 116,211 procedures using hyaluronic acid (Hylaform, Restylane) and 31,913 procedures using calcium hydroxylapatite (Radiance).

Gender Distribution

Women had 87 percent of cosmetic procedures. The number of procedures performed on women was nearly 7.2 million, an increase of 16 percent from 2002. The **top five surgical cosmetic procedures for women** in 2003 were: liposuction (322,975 and 84 percent of liposuction total); breast augmentation (280,401); eyelid surgery (216,829 and 81 percent of total); breast reduction (147,173); and rhinoplasty (119,047 and 69 percent of total). The number of surgical procedures for women increased 11 percent overall from 2002.

The **top five nonsurgical cosmetic procedures for women** were: Botox injection (1,963,012 and 86 percent of Botox total); microdermabrasion (774,261 and 90 percent of total); laser hair removal (695,210 and 75 percent of total); chemical peel (640,081 and 89 percent of total); and collagen injection (568,797 and 92 percent of total). The number of nonsurgical procedures for women increased 17 percent overall from 2002.

Men had 13 percent of cosmetic procedures, up 1 percent from 2002. The number of procedures performed on men was nearly 1.1 million, an increase of 31 percent from 2002. The **top five surgical cosmetic procedures for men** in 2003 were: liposuction (61,646 and 16 percent of liposuction total); rhinoplasty (53,376 and 31 percent of total); eyelid surgery (50,798 and 19 percent of total); breast reduction to treat enlarged male breasts (22,049); and hair transplantation (14,891 and 90 percent of total). Surgical procedures for men increased 22 percent overall from 2002.

The **top five nonsurgical cosmetic procedures for men** were: Botox injection (309,063 and 14 percent of Botox total); laser hair removal (227,990 and 25 percent of total); microdermabrasion (84,049 and 10 percent of total); chemical peel (82,174 and 11 percent of total); and collagen injection (51,674 and 8 percent of total). Nonsurgical procedures for men increased 34 percent overall from 2002.

Age Distribution

Americans age **35-50** had 3.7 million surgical and nonsurgical cosmetic procedures, representing 45 percent of all procedures performed in 2003. Liposuction was the most popular surgical procedure (179,650 and 47 percent of liposuction total). Botox injection was the number one nonsurgical procedure (1,238,891 and 55 percent of Botox total).

The **19-34** age group had nearly 2 million cosmetic procedures, and 24 percent of all procedures. The most popular surgical procedure in this age group was breast augmentation (150,208 and 54 percent of the breast augmentation total). Laser hair removal was the most popular nonsurgical procedure (332,166 and 36 percent of laser hair removal total).

The **51-64** age group had 1.9 million cosmetic procedures, and 23 percent of all procedures. The number one surgical procedure was eyelid surgery (104,835 and 39 percent of the eyelid surgery total). The most popular nonsurgical procedure was Botox injection (601,417 and 27 percent of Botox total).

The **65-and-over** age group had 5 percent of all cosmetic procedures (388,601). The most popular surgical procedure was eyelid surgery (33,990, and 13 percent of eyelid surgery total). The number one nonsurgical procedure was Botox injection (104,820 and 5 percent of Botox total).

The **18-and-under** age group had less than 3 percent of all cosmetic procedures (223,594), down slightly from 2002. The most popular surgical procedure was rhinoplasty (23,013 and 13 percent of rhinoplasty total). The most popular nonsurgical procedure was chemical peel (51,997 and 7 percent of chemical peel total).

Racial and Ethnic Distribution

Racial and ethnic minorities accounted for 20 percent of all cosmetic procedures in 2003, an increase of 1 percent from 2002. Hispanics led minority racial and ethnic groups in the number of procedures: Hispanics, 8%; African-Americans, 6% (an increase of 1 percent from 2002); Asians, 4%; and other non-Caucasians, 2%.

Facility and Fees

Fifty-two percent (52 percent) of cosmetic procedures in 2003 were performed in office-based facilities, an increase of 7 percent from 2002. Other procedures were divided about equally between hospitals (25 percent) and free-standing surgicenters (23 percent). Americans spent just under **\$9.4 billion on cosmetic procedures**; this figure does not include fees for surgical facilities, anesthesia, medical tests, prescriptions, surgical garments or other miscellaneous expenses associated with surgery. **\$6.5 billion** was for surgical procedures, and **\$ 2.9 billion** was for nonsurgical procedures.

ASAPS Member Data

The ASAPS survey includes data from member surgeons as well as nonmember physicians and surgeons in multiple specialties. ASAPS members are plastic surgeons certified by the American Board of Plastic Surgery who specialize in cosmetic surgery of the face and body. In 2003, ASAPS-member plastic surgeons, on average, performed 751 cosmetic procedures.

About the ASAPS Cosmetic Surgery National Data Bank

ASAPS, working with an independent research firm, compiled **7-year data** for procedures performed 1997-2003 by **multiple specialists**, including plastic surgeons certified by the American Board of Plastic Surgery; head and neck surgeons certified by the American Board of Otolaryngology; and dermatologists certified by the American Board of Dermatology. More than 14,000 questionnaires were mailed nationwide to a random sampling of physicians most likely to perform several or more of the 38 top cosmetic procedures. Results of the survey were used to project national data on the number of cosmetic procedures performed in 2003 by nearly 23,000 physicians. The survey data has a standard error of +/- 3.92 percent at a 95 percent level of confidence.

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Complete survey data, including downloadable graphs, are available in the Press Center of the ASAPS web site <http://www.surgery.org/press/statistics-2003.php>

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The 2400-member **American Society for Aesthetic Plastic Surgery (ASAPS)** is the only plastic surgery organization devoted entirely to the advancement of cosmetic surgery. ASAPS is recognized throughout the world as the authoritative source for cosmetic surgery education. U.S. members are certified by the American Board of Plastic Surgery. Canadian members are certified in plastic surgery by the Royal College of Physicians and Surgeons of Canada. Toll-free referral line: 888.ASAPS.11 (272.7711). Web site: www.surgery.org