



THE AMERICAN SOCIETY FOR  
AESTHETIC PLASTIC SURGERY, INC.

# ASAPS 1999 STATISTICS ON COSMETIC SURGERY

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## Introduction to ASAPS 1999 Statistics

ASAPS has compiled the 1999 Statistics on Cosmetic Surgery to be the single most reliable estimate of the total number of cosmetic surgical and nonsurgical procedures performed in the United States last year.

The data were compiled by Industry Insights, Inc., an independent research firm, and based on responses to written surveys sent to more than 8400 physicians in three medical specialties (plastic surgery, dermatology and otolaryngology).

The greater value of ASAPS statistics to your research on cosmetic surgery is:

- ASAPS is widely recognized as the authoritative source for cosmetic surgery information
- ASAPS numbers reflect the contributions of multiple specialties
- ASAPS data is based on actual written surveys projected to reflect national totals
- The ASAPS 1999 survey includes the latest “ancillary” procedures such as laser hair removal, cellulite treatment and microdermabrasion.

### ABOUT ASAPS

The American Society for Aesthetic Plastic Surgery (ASAPS), founded in 1967, is recognized throughout the world as the leading organization for cosmetic surgery education and research. Its members are plastic surgeons certified by the American Board of Plastic Surgery (or, in Canada, by the Royal College of Physicians and Surgeons of Canada) who have met additional professional and continuing education requirements in cosmetic surgery qualifying them for membership. (See 1999 ASAPS Member Practice Profile on page 9.)

PLEASE CREDIT THE AMERICAN SOCIETY FOR AESTHETIC PLASTIC SURGERY (ASAPS) WHEN CITING STATISTICAL DATA.

PLEASE NOTE THAT ASAPS MEMBERS ARE PLASTIC SURGEONS CERTIFIED BY THE AMERICAN BOARD OF PLASTIC SURGERY (ABPS). ASAPS STATISTICAL DATA, HOWEVER, ARE NOT LIMITED TO PROCEDURES PERFORMED BY ASAPS MEMBERS OR BY ABPS CERTIFIED PHYSICIANS.

For more information, or to arrange interviews with ASAPS spokespersons, contact the ASAPS Communications Office, 212.921.0500.

## Quick Facts: Highlights of the ASAPS 1999 Statistics on Cosmetic Surgery

- There were over 4.6 million cosmetic surgical and nonsurgical procedures performed in 1999, according to the American Society for Aesthetic Plastic Surgery (ASAPS).
- There was a 66% increase in the total number of procedures performed between 1998 and 1999. There was a 16% increase in *surgical* procedures and a 98% increase in *nonsurgical* procedures.
- In 1999, 89% of cosmetic procedures were performed on females (compared to 90% in 1998) and 11% on males (compared to 10% in 1998).
- Chemical peel was the number one procedure overall, up 114% to 841,777. Botox injections were second, rising 216% to 498,204, and laser hair removal was third, increasing 340% to 481,978.
- Lipoplasty (liposuction), in sixth place overall, was the most popular *surgical* procedure, increasing 32% from the previous year to 287,150. Breast augmentation ranked second among surgical procedures, up 51% to 191,583. Cosmetic eyelid surgery was third, rising 1% to 183,580.
- Male cosmetic surgery: select two-year comparisons between 1997 and 1999 – lipoplasty (liposuction) up 87%, cosmetic eyelid surgery up 15%, facelift up 15% and treatment of gynecomastia (male breast reduction) up 47%.
- Female cosmetic surgery: select two-year comparisons between 1997 and 1999 -- lipoplasty (liposuction) up 58%, breast augmentation up 89%, tummy tuck up 74% and breast reduction up 88%.
- Baby boomers between the ages of 35 and 50 had the most cosmetic procedures (43% of total), followed by 19-34 year olds (26%) and 51-64 year olds (22%).
- People 18 years of age and younger accounted for less than 4% of the total procedures (up less than 1% from 1998). Most common among this age group were chemical peels (sometimes recommended for acne-prone skin), laser hair removal and rhinoplasty (nose reshaping).
- Cosmetic procedures by race or ethnicity (% of total procedures): Caucasians, 85%; Hispanics, 6%; African-Americans, 4%; Asian-Americans, 3%; other, 1%.
- Where cosmetic procedures are performed (% of total procedures): office-based surgical facility, 53%; hospital, 25%; free-standing surgicenter, 21%; other, 1%.

*Figures may not add exactly to totals and percentages may not equal 100% due to rounding.*

## ASAPS 1999 Statistics Q & A

### **How are the statistics from the American Society for Aesthetic Plastic Surgery (ASAPS) different from data on cosmetic surgery developed by other organizations?**

Other organizations may gather data from only one specialty or from the sponsoring group's own membership, so that their statistics reflect a limited portion of the actual cosmetic procedures performed. ASAPS surveys the specialists (board-certified plastic surgeons, dermatologists and otolaryngologists) most likely to perform the greatest number of cosmetic surgical and nonsurgical procedures.

### **How accurate are the ASAPS statistics?**

The survey portion of ASAPS research has a standard error of +/-3.0% at a 95% level of confidence. All projections from this data are based on mathematical formulas taking into account such factors as the total number of board-certified physicians in the three specialties and relative cosmetic surgical practice volumes.

### **Why is there so much variance in the statistical data on cosmetic surgery offered by various groups?**

There are issues involved in any type of data gathering that can lead to variations in final figures. The survey scope, the weight assigned to different variables and the way in which data is projected all affect the result. ASAPS has developed its survey methodology based on more than 30 years' experience as the leading organization in cosmetic surgery education and research.

### **If ASAPS membership is limited to board-certified plastic surgeons, why does it choose to report on procedures done by dermatologists and otolaryngologists?**

Since 1967, ASAPS' mission has been the cosmetic surgical education of physicians certified by the American Board of Plastic Surgery. We believe that the scope and depth of training provided by an accredited plastic surgery residency program is important to the safe and effective performance of many cosmetic surgical operations. Otolaryngologists and dermatologists also receive residency training that equips them to perform certain types of cosmetic procedures included in the ASAPS survey. The contributions of these specialists help to balance the survey results and project accurate national totals for all cosmetic procedures, both surgical and nonsurgical.

It is a fact that many physicians perform procedures that are outside the scope of their formal training, and this is of growing concern to state medical boards and others seeking to protect patient safety. ASAPS discusses specialty training in a separate media kit on Plastic Surgery Credentials. To request a copy, call ASAPS at 212.921.0500.

## ASAPS 1999 Statistics National Totals for Cosmetic Procedures

The following list includes both cosmetic surgical and nonsurgical procedures.

The top 5 *surgical* procedures are indicated in bold superscript *numbers* in the column headed Number of Procedures, while the top 5 *nonsurgical* procedures are indicated by bold superscript *letters*. The rankings of procedures overall (surgical and nonsurgical categories combined) are indicated in the column Overall Rank.

Procedure	Overall Rank	Number of Procedures	Percent of Total
Abdominoplasty (tummy tuck)	16	59,665	1.3%
Blepharoplasty (cosmetic eyelid surgery)	9	183,580 <sup>3</sup>	4.0%
Botox injection	2	498,204 <sup>B</sup>	10.8%
Breast augmentation	8	191,583 <sup>2</sup>	4.2%
Breast lift	19	44,861	1.0%
Breast reduction (women)*	14	89,769	1.9%
Buttock lift	30	1,408	0.0%
Cellulite Treatment (mechanical roller massage therapy)	15	63,059	1.4%
Cheek implants	26	5,382	0.1%
Chemical peel	1	841,777 <sup>A</sup>	18.3%
Chin augmentation	25	15,979	0.3%
Collagen injection	4	474,756 <sup>D</sup>	10.3%
Dermabrasion	21	28,355	0.6%
Facelift	12	100,203 <sup>5</sup>	2.2%
Fat injection	17	52,289	1.1%
Forehead lift	18	48,815	1.1%
Gynecomastia, treatment of	24	16,413	0.4%
Hair transplantation	20	33,665	0.7%
Laser hair removal	3	481,978 <sup>C</sup>	10.5%
Laser skin resurfacing	10	133,454	2.9%
Laser treatment of leg veins	13	93,517	2.0%
Lip augmentation (other than injectable materials)	23	21,729	0.5%
Lipoplasty (liposuction)**	6	287,150 <sup>1</sup>	6.2%
Lower body lift	29	2,870	0.1%
Microdermabrasion	7	286,614	6.2%
Otoplasty (cosmetic ear surgery)	22	22,368	0.5%
Rhinoplasty (nose reshaping)	11	102,943 <sup>4</sup>	2.2%
Sclerotherapy	5	414,797 <sup>E</sup>	9.0%
Thigh lift	27	5,133	0.1%
Upper arm lift	28	4,641	0.1%
<b>TOTALS</b>		<b>4,606,954</b>	<b>100.0%</b>

\*Breast reduction may be covered by insurance, depending on the patient's breast size, body type and symptoms.

\*\*15.8% of these procedures were ultrasound-assisted lipoplasty (UAL).

- Final figures are projected to reflect nationwide statistics and are based on a survey of doctors who have been certified by American Board of Medical Specialties recognized boards, including but not limited to the American Board of Plastic Surgery. The survey portion of this research has a standard error of +/- 3.0% at a 95% level of confidence.
- Figures for procedures include but are not limited to those performed by ASAPS members. ASAPS members are plastic surgeons certified by the American Board of Plastic Surgery who have met additional educational and practice requirements in aesthetic surgery.
- Component figures may not add exactly to totals and percentages may not equal 100% due to rounding. In no cases are the sums of component figures off by more than .02% from the national total number of procedures.
- 1997 was the first year for which ASAPS compiled these statistics, and the ASAPS statistical data are developed annually.
- The ASAPS 1999 Statistics on Cosmetic Surgery were funded in part by the Aesthetic Surgery Education and Research Foundation.

## ASAPS 1999 Statistics Percent of Change in Select Procedures: 1997-1999

Percent change figures are shown only for those procedures that were addressed in at least two of the three years' surveys. Note that large percentage changes are common in cases where the total number of procedures is small.

Procedure	1999	1998	1997	Percent Change 1998 vs 1999	Percent Change 1997 vs 1999	Percent Change 1998 vs 1999 (Female)	Percent Change 1998 vs 1999 (Male)	Percent Change 1997 vs 1999 (Female)	Percent Change 1997 vs 1999 (Male)
Abdominoplasty (tummy tuck)	59,665	42,249	34,002	+41%	+75%	+41%	+53%	+74%	+109%
Blepharoplasty (cosmetic eyelid surgery)	183,580	182,456	159,232	+1%	+15%	0%	+3%	+15%	+15%
Botox injection	498,204	157,439	65,157	+216%	+665%	+208%	+349%	+659%	+725%
Breast augmentation	191,583	126,913	101,176	+51%	+89%	+51%	DNA	+89%	DNA
Breast lift	44,861	26,043	19,882	+72%	+126%	+72%	DNA	+126%	DNA
Breast reduction (women)*	89,769	68,531	47,874	+31%	+88%	+31%	DNA	+88%	DNA
Buttock lift	1,408	1,555	1,549	-9%	-9%	-8%	-52%	-10%	+9%
Cellulite Treatment (mechanical roller massage therapy)	63,059	37,006	NA	+70%	NA	+70%	+92%	NA	NA
Cheek implants	5,382	5,690	11,040	-5%	-51%	-11%	+37%	-49%	-58%
Chemical peel	841,777	393,286	481,227	+114%	+75%	+102%	+353%	+68%	+193%
Chin augmentation	15,979	16,021	27,373	0%	-42%	-2%	+7%	-40%	-45%
Collagen injection	474,756	367,170	347,168	+29%	+37%	+25%	+98%	+35%	+57%
Dermabrasion	28,355	36,176	40,214	-22%	-29%	-29%	+14%	-32%	-20%
Facelift	100,203	100,208	99,196	0%	+1%	-2%	+14%	-1%	+15%
Fat injection	52,289	73,419	38,259	-29%	+37%	-31%	-1%	+38%	+20%
Forehead lift	48,815	46,711	55,090	+5%	-11%	+6%	-10%	-8%	-34%
Gynecomastia, treatment of	16,413	11,995	11,168	+37%	+47%	DNA	+37%	DNA	+47%
Hair transplantation	33,665	35,237	61,023	-4%	-45%	+60%	-12%	-42%	-45%
Laser hair removal	481,978	109,544	NA	+340%	NA	+385%	+217%	NA	NA
Laser skin resurfacing	133,454	123,666	154,153	+8%	-13%	-4%	+137%	-18%	+20%
Laser treatment of leg veins	93,517	57,850	NA	+62%	NA	+60%	+290%	NA	NA
Lip augmentation (other than injectable materials)	21,729	26,104	NA	-17%	NA	-17%	-12%	NA	NA
Lipoplasty (liposuction)	287,150	218,064	176,863	+32%	+62%	+24%	+81%	+58%	+87%
Lower body lift	2,870	1,490	2,125	+93%	+35%	+95%	+71%	+40%	-23%
Microdermabrasion	286,614	NA	NA	NA	NA	NA	NA	NA	NA
Otoplasty (cosmetic ear surgery)	22,368	18,881	22,939	+18%	-2%	+10%	+30%	-8%	+5%
Rhinoplasty (nose reshaping)	102,943	133,058	137,053	-23%	-25%	-27%	-12%	-25%	-26%
Sclerotherapy	414,797	349,748	NA	+19%	NA	+17%	+235%	NA	NA
Thigh lift	5,133	3,331	2,895	+54%	+77%	+54%	+73%	+77%	+96%
Upper arm lift	4,641	3,081	2,516	+51%	+84%	+50%	+136%	+83%	+813%
<b>TOTALS**</b>	<b>4,606,954</b>	<b>2,772,924</b>	<b>2,099,173</b>	<b>+66%</b>	<b>+119%</b>	<b>+63%</b>	<b>+94%</b>	<b>+125%</b>	<b>+82%</b>

\*Breast reduction may be covered by insurance, depending on the patient's breast size, body type and symptoms.

\*\*Totals include all procedures addressed by the study in that year. Some procedures were not addressed in all three years' studies.

DNA = Does not apply

NA = Not available (was not asked in prior survey)

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- The ASAPS 1999 Statistics on Cosmetic Surgery were funded in part by the Aesthetic Surgery Education and Research Foundation.

## ASAPS 1999 Statistics Gender Distribution for Cosmetic Procedures

The following list includes both cosmetic surgical and nonsurgical procedures. For both males and females, the top 5 *surgical* procedures are indicated in bold superscript *numbers* in the column headed Number, while the top 5 *nonsurgical* procedures are indicated by bold superscript *letters*. The rankings of procedures overall (surgical and nonsurgical categories combined) are indicated in the column Overall Rank.

Procedure	FEMALE (Number)	Percent of Total	Overall Rank	MALE (Number)	Percent of Total	Overall Rank
Abdominoplasty (tummy tuck)	57,209	95.9%	16	2,445	4.1%	19
Blepharoplasty (cosmetic eyelid surgery)	156,634 <sup>3</sup>	85.3%	9	26,962 <sup>4</sup>	14.7%	8
Botox injection	454,740 <sup>B</sup>	91.3%	2	43,487 <sup>C</sup>	8.7%	4
Breast augmentation	191,600 <sup>2</sup>	100.0%	8	DNA	DNA	DNA
Breast lift	44,848	100.0%	18	DNA	DNA	DNA
Breast reduction (women)*	89,783 <sup>4</sup>	100.0%	12	DNA	DNA	DNA
Buttock lift	1,356	96.4%	29	38	2.7%	27
Cellulite Treatment (mechanical roller massage therapy)	62,411	99.0%	15	669	1.1%	22
Cheek implants	4,377	81.3%	27	1,043	19.4%	21
Chemical peel	759,470 <sup>A</sup>	90.2%	1	82,221 <sup>B</sup>	9.8%	2
Chin augmentation	12,084	75.6%	22	3,896	24.4%	18
Collagen injection	435,656 <sup>C</sup>	91.8%	3	39,075 <sup>D</sup>	8.2%	5
Dermabrasion	21,057	74.3%	21	7,265	25.6%	15
Facelift	88,210 <sup>5</sup>	88.0%	13	11,996	12.0%	12
Fat injection	47,762	91.3%	17	4,542	8.7%	16
Forehead lift	44,550	91.3%	19	4,263	8.7%	17
Gynecomastia, treatment of	DNA	DNA	DNA	16,425 <sup>5</sup>	100.0%	11
Hair transplantation	6,085	18.1%	24	27,600 <sup>3</sup>	82.0%	7
Laser hair removal	389,155 <sup>E</sup>	80.7%	5	92,767 <sup>A</sup>	19.2%	1
Laser skin resurfacing	109,412	82.0%	10	24,009 <sup>E</sup>	18.0%	9
Laser treatment of leg veins	92,299	98.7%	11	1,185	1.3%	20
Lip augmentation (other than injectable materials)	21,225	97.7%	20	477	2.2%	23
Lipoplasty (liposuction)	234,168 <sup>1</sup>	81.5%	7	52,974 <sup>1</sup>	18.4%	3
Lower body lift	2,737	95.4%	28	129	4.5%	24
Microdermabrasion	263,083	91.8%	6	23,504	8.2%	10
Otoplasty (cosmetic ear surgery)	11,926	53.3%	23	10,471	46.8%	13
Rhinoplasty (nose reshaping)	69,859	67.9%	14	33,089 <sup>2</sup>	32.1%	6
Sclerotherapy	404,371 <sup>D</sup>	97.5%	4	10,414	2.5%	14
Thigh lift	5,036	98.1%	25	90	1.7%	25
Upper arm lift	4,570	98.5%	26	84	1.8%	26
<b>TOTALS</b>	<b>4,085,677</b>	<b>88.7%</b>		<b>521,120</b>	<b>11.3%</b>	

\*Breast reduction may be covered by insurance, depending on the patient's breast size, body type and symptoms.

DNA = Does not apply

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- The ASAPS 1999 Statistics on Cosmetic Surgery were funded in part by the Aesthetic Surgery Education and Research Foundation.

## ASAPS 1999 Statistics Age Distribution for Cosmetic Procedures

The top 5 procedures in each age category are indicated in bold and with bold superscript numbers. Surgical and nonsurgical cosmetic procedures are not differentiated in this listing.

Procedure	LT 18 (Number)	Percent of Total	19-34 (Number)	Percent of Total	35-50 (Number)	Percent of Total	51-64 (Number)	Percent of Total	65 + (Number)	Percent of Total
Abdominoplasty (tummy tuck)	80	0.1%	11,570	19.4%	34,973	58.6%	11,652	19.5%	1,380	2.3%
Blepharoplasty (cosmetic eyelid surgery)	95	0.1%	8,841	4.8%	75,710	41.2%	<b>76,548</b> <sup>5</sup>	41.7%	<b>22,375</b> <sup>4</sup>	12.2%
Botox injection	877	0.2%	94,175	18.9%	<b>250,524</b> <sup>2</sup>	50.3%	<b>123,390</b> <sup>3</sup>	24.8%	<b>29,182</b> <sup>3</sup>	5.9%
Breast augmentation	2,692	1.4%	<b>113,433</b> <sup>3</sup>	59.2%	67,648	35.3%	7,536	3.9%	295	0.2%
Breast lift	213	0.5%	12,099	27.0%	25,193	56.2%	6,899	15.4%	450	1.0%
Breast reduction (women)*	3,430	3.8%	34,511	38.4%	37,644	41.9%	12,241	13.6%	1,962	2.2%
Buttock lift	0	0.0%	302	21.5%	879	62.5%	203	14.4%	9	0.6%
Cellulite Treatment (mechanical roller massage therapy)	298	0.5%	18,295	29.0%	34,210	54.3%	10,158	16.1%	124	0.2%
Cheek implants	54	1.0%	2,299	42.7%	2,586	48.0%	438	8.1%	39	0.7%
Chemical peel	<b>85,809</b> <sup>1</sup>	10.2%	<b>220,059</b> <sup>1</sup>	26.1%	<b>308,965</b> <sup>1</sup>	36.7%	<b>161,471</b> <sup>1</sup>	19.2%	<b>65,448</b> <sup>1</sup>	7.8%
Chin augmentation	439	2.7%	7,333	45.9%	5,690	35.6%	2,245	14.1%	263	1.6%
Collagen injection	1,202	0.3%	82,009	17.3%	<b>216,993</b> <sup>3</sup>	45.7%	<b>130,201</b> <sup>2</sup>	27.4%	<b>44,290</b> <sup>2</sup>	9.3%
Dermapabrasion	1,061	3.7%	7,529	26.6%	10,616	37.4%	7,030	24.8%	2,082	7.3%
Facelift	0	0.0%	1,100	1.1%	31,213	31.1%	53,359	53.3%	14,524	14.5%
Fat injection	505	1.0%	10,875	20.8%	22,130	42.3%	14,103	27.0%	4,686	9.0%
Forehead lift	25	0.1%	2,118	4.3%	19,871	40.7%	21,302	43.6%	5,484	11.2%
Gynecomastia, treatment of	3,096	18.9%	7,575	46.2%	4,855	29.6%	808	4.9%	79	0.5%
Hair transplantation	32	0.1%	8,171	24.3%	19,181	57.0%	5,249	15.6%	1,056	3.1%
Laser hair removal	<b>36,250</b> <sup>2</sup>	7.5%	<b>177,743</b> <sup>2</sup>	36.9%	<b>181,004</b> <sup>5</sup>	37.6%	74,798	15.5%	12,067	2.5%
Laser skin resurfacing	1,009	0.8%	18,677	14.0%	48,811	36.6%	50,534	37.9%	14,360	10.8%
Laser treatment of leg veins	487	0.5%	25,757	27.5%	44,193	47.3%	18,061	19.3%	4,980	5.3%
Lip augmentation (other than injectable materials)	276	1.3%	8,446	38.9%	8,348	38.4%	3,876	17.8%	752	3.5%
Lipoplasty (liposuction)	2,571	0.9%	<b>98,417</b> <sup>5</sup>	34.3%	131,626	45.8%	46,517	16.2%	7,943	2.8%
Lower body lift	0	0.0%	544	19.0%	1,872	65.2%	432	15.1%	23	0.8%
Microdermapabrasion	<b>7,992</b> <sup>5</sup>	2.8%	82,364	28.7%	130,310	45.5%	52,173	18.2%	13,670	4.8%
Otoplasty (cosmetic ear surgery)	<b>11,067</b> <sup>4</sup>	49.5%	7,832	35.0%	2,876	12.9%	504	2.3%	120	0.5%
Rhinoplasty (nose reshaping)	<b>12,939</b> <sup>3</sup>	12.6%	50,508	49.1%	30,383	29.5%	8,428	8.2%	698	0.7%
Sclerotherapy	2,688	0.6%	<b>100,346</b> <sup>4</sup>	24.2%	<b>204,841</b> <sup>4</sup>	49.4%	<b>91,364</b> <sup>4</sup>	22.0%	<b>15,545</b> <sup>5</sup>	3.7%
Thigh lift	0	0.0%	754	14.7%	3,580	69.7%	756	14.7%	37	0.7%
Upper arm lift	0	0.0%	627	13.5%	2,324	50.1%	1,324	28.5%	277	6.0%
<b>TOTALS</b>	<b>175,189</b>	<b>3.8%</b>	<b>1,214,311</b>	<b>26.4%</b>	<b>1,959,048</b>	<b>42.5%</b>	<b>993,599</b>	<b>21.6%</b>	<b>264,199</b>	<b>5.7%</b>

\*Breast reduction may be covered by insurance, depending on the patient's breast size, body type and symptoms.

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- Figures for procedures include but are not limited to those performed by ASAPS members. ASAPS members are plastic surgeons certified by the American Board of Plastic Surgery who have met additional educational and practice requirements in aesthetic surgery.
- Component figures may not add exactly to totals and percentages may not equal 100% due to rounding. In no cases are the sums of component figures off by more than .02% from the national total number of procedures.
- 1997 was the first year for which ASAPS compiled these statistics, and the ASAPS statistical data are developed annually.
- The ASAPS 1999 Statistics on Cosmetic Surgery were funded in part by the Aesthetic Surgery Education and Research Foundation.



## ASAPS 1999 Statistics Regional Distribution for Cosmetic Procedures

Procedure	REG 1-2 (Number)	Percent of Total	REG 3-4 (Number)	Percent of Total	REG 5 (Number)	Percent of Total	REG 6-7 (Number)	Percent of Total	REG 8-9 (Number)	Percent of Total
Abdominoplasty (tummy tuck)	8,884	0.9%	10,463	1.6%	14,596	1.5%	10,567	1.6%	15,147	1.1%
Blepharoplasty (cosmetic eyelid surgery)	25,563	2.5%	39,525	6.2%	42,770	4.5%	30,736	4.7%	44,996	3.4%
Botox injection	77,034	7.6%	41,504	6.5%	126,108	13.2%	57,834	8.8%	195,758	14.6%
Breast augmentation	24,620	2.4%	30,751	4.8%	44,352	4.7%	41,992	6.4%	49,887	3.7%
Breast lift	5,748	0.6%	7,878	1.2%	10,636	1.1%	8,798	1.3%	11,790	0.9%
Breast reduction (women)*	18,106	1.8%	23,169	3.6%	15,997	1.7%	17,529	2.7%	14,987	1.1%
Buttock lift	309	0.0%	172	0.0%	299	0.0%	199	0.0%	416	0.0%
Cellulite Treatment (mechanical roller massage therapy)	5,682	0.6%	3,333	0.5%	23,240	2.4%	6,854	1.0%	23,982	1.8%
Cheek implants	947	0.1%	312	0.0%	844	0.1%	920	0.1%	2,399	0.2%
Chemical peel	240,529	23.7%	140,077	21.8%	125,923	13.2%	141,056	21.5%	194,196	14.5%
Chin augmentation	2,975	0.3%	2,243	0.3%	2,963	0.3%	3,317	0.5%	4,481	0.3%
Collagen injection	82,706	8.2%	52,830	8.2%	86,773	9.1%	58,955	9.0%	193,477	14.4%
Dermabrasion	8,756	0.9%	5,596	0.9%	3,605	0.4%	7,001	1.1%	3,351	0.2%
Facelift	16,653	1.6%	18,399	2.9%	22,877	2.4%	19,315	2.9%	22,971	1.7%
Fat injection	12,572	1.2%	10,983	1.7%	10,725	1.1%	6,203	0.9%	11,830	0.9%
Forehead lift	5,525	0.5%	7,065	1.1%	12,885	1.4%	11,879	1.8%	11,458	0.9%
Gynecomastia, treatment of	3,888	0.4%	3,146	0.5%	3,275	0.3%	2,492	0.4%	3,627	0.3%
Hair transplantation	1,013	0.1%	724	0.1%	11,785	1.2%	7,650	1.2%	12,516	0.9%
Laser hair removal	210,442	20.8%	32,442	5.1%	98,396	10.3%	31,954	4.9%	108,729	8.1%
Laser skin resurfacing	21,311	2.1%	16,079	2.5%	38,193	4.0%	13,440	2.0%	44,398	3.3%
Laser treatment of leg veins	31,751	3.1%	13,337	2.1%	19,545	2.1%	8,752	1.3%	20,099	1.5%
Lip augmentation (other than injectable materials)	3,048	0.3%	2,723	0.4%	5,453	0.6%	3,620	0.6%	6,863	0.5%
Lipoplasty (liposuction)	44,624	4.4%	46,132	7.2%	54,612	5.7%	40,646	6.2%	101,137	7.5%
Lower body lift	702	0.1%	469	0.1%	380	0.0%	683	0.1%	638	0.0%
Microdermabrasion	54,023	5.3%	17,120	2.7%	71,093	7.5%	42,918	6.5%	101,426	7.6%
Otoplasty (cosmetic ear surgery)	5,357	0.5%	3,837	0.6%	3,868	0.4%	3,272	0.5%	6,068	0.5%
Rhinoplasty (nose reshaping)	20,705	2.0%	22,812	3.6%	17,686	1.9%	17,501	2.7%	24,246	1.8%
Sclerotherapy	78,109	7.7%	86,438	13.5%	80,723	8.5%	59,944	9.1%	109,575	8.2%
Thigh lift	1,018	0.1%	932	0.1%	1,521	0.2%	487	0.1%	1,160	0.1%
Upper arm lift	945	0.1%	905	0.1%	1,045	0.1%	460	0.1%	1,296	0.1%
<b>TOTALS</b>	<b>1,013,549</b>	<b>22.0%</b>	<b>641,398</b>	<b>13.9%</b>	<b>952,168</b>	<b>20.7%</b>	<b>656,973</b>	<b>14.3%</b>	<b>1,342,904</b>	<b>29.1%</b>

\*Breast reduction may be covered by insurance, depending on the patient's breast size, body type and symptoms.

The regional breakdowns used in the above table are as follows:

REG 1 - New England (CT, ME, MA, NH, RI, VT)	REG 4 - West North Central (IA, KS, MN, MO, NE, ND, SD)	REG 7 - West South Central (AR, LA, OK, TX)
REG 2 - Middle Atlantic (NJ, NY, PA)	REG 5 - South Atlantic (DE, DC, FL, GA, MD, NC, SC, VA, WV)	REG 8 - Mountain (AZ, CO, ID, MT, NV, NM, UT, WY)
REG 3 - East North Central (IL, IN, MI, OH, WI)	REG 6 - East South Central (AL, KY, MS, TN)	REG 9 - Pacific (AK, CA, HI, OR, WA)

- Final figures are projected to reflect nationwide statistics and are based on a survey of doctors who have been certified by American Board of Medical Specialties recognized boards, including but not limited to the American Board of Plastic Surgery. The survey portion of this research has a standard error of +/- 3.0% at a 95% level of confidence.
- Figures for procedures include but are not limited to those performed by ASAPS members. ASAPS members are plastic surgeons certified by the American Board of Plastic Surgery who have met additional educational and practice requirements in aesthetic surgery.
- Component figures may not add exactly to totals and percentages may not equal 100% due to rounding. In no cases are the sums of component figures off by more than .02% from the national total number of procedures.
- 1997 was the first year for which ASAPS compiled these statistics, and the ASAPS statistical data are developed annually.
- The ASAPS 1999 Statistics on Cosmetic Surgery were funded in part by the Aesthetic Surgery Education and Research Foundation.

## ASAPS 1999 Statistics Range of Physician/Surgeon Fees\*\* Per Procedure

	REG 1-2	REG 3-4	REG 5	REG 6-7	REG 8-9	National Average
Abdominoplasty	\$4,995	\$3,926	\$4,175	\$3,681	\$4,247	\$4,215
Blepharoplasty	\$3,063	\$2,254	\$2,199	\$2,143	\$2,378	\$2,395
Botox injection	\$510	\$377	\$502	\$382	\$369	\$432
Breast augmentation	\$3,949	\$2,820	\$2,936	\$2,739	\$3,248	\$3,142
Breast lift	\$4,219	\$3,300	\$3,444	\$3,193	\$3,611	\$3,555
Breast reduction (women)*	\$5,789	\$4,771	\$5,196	\$4,789	\$4,689	\$5,024
Buttock lift	\$3,916	\$3,643	\$3,296	\$3,913	\$4,153	\$3,767
Cellulite treatment (mechanical roller massage therapy)	\$299	\$625	\$96	\$89	\$861	\$513
Cheek implants	\$2,593	\$1,891	\$1,866	\$1,763	\$2,180	\$2,093
Chemical peel	\$741	\$837	\$728	\$653	\$753	\$743
Chin augmentation	\$1,896	\$1,525	\$1,576	\$1,415	\$1,562	\$1,594
Collagen injection	\$447	\$318	\$305	\$328	\$366	\$354
Dermabrasion (not including Microdermabrasion)	\$1,522	\$1,576	\$1,399	\$1,240	\$1,249	\$1,383
Facelift	\$6,375	\$4,531	\$4,924	\$4,557	\$5,236	\$5,135
Fat injection	\$1,156	\$966	\$954	\$827	\$1,051	\$998
Forehead lift	\$3,167	\$2,493	\$2,359	\$2,320	\$2,701	\$2,600
Gynecomastia, treatment of	\$3,417	\$2,474	\$2,599	\$2,418	\$2,426	\$2,656
Hair transplantation	\$3,833	\$3,079	\$2,814	\$3,746	\$2,712	\$3,184
Laser hair removal	\$536	\$392	\$473	\$460	\$536	\$492
Laser skin resurfacing	\$2,240	\$2,158	\$2,430	\$2,234	\$2,649	\$2,383
Laser treatment of leg veins	\$684	\$358	\$324	\$338	\$340	\$413
Lip augmentation (other than injectable materials)	\$1,627	\$1,254	\$1,191	\$1,144	\$1,578	\$1,386
Lipoplasty (suction-assisted)	\$2,663	\$2,228	\$2,077	\$2,032	\$2,518	\$2,322
Lipoplasty (ultrasound-assisted)	\$2,828	\$2,325	\$2,501	\$2,460	\$2,880	\$2,595
Lower body lift	\$5,615	\$5,220	\$4,571	\$5,345	\$5,295	\$5,229
Otoplasty	\$3,070	\$2,343	\$2,275	\$2,195	\$2,347	\$2,437
Microdermabrasion	\$193	\$219	\$154	\$163	\$189	\$181
Rhinoplasty	\$3,991	\$3,060	\$3,348	\$3,103	\$3,416	\$3,398
Sclerotherapy	\$263	\$226	\$222	\$217	\$235	\$233
Thigh lift	\$4,247	\$3,324	\$3,521	\$3,546	\$3,568	\$3,628
Upper arm lift	\$3,170	\$2,739	\$2,788	\$2,731	\$2,784	\$2,835

\*Breast reduction may be covered by insurance, depending on the patient's breast size, body type and symptoms. Fees may vary.

\*\*Figures are for physician/surgeons fees only and do not include fees for the surgical facility, anesthesia, medical tests, prescriptions, surgical garments, or other miscellaneous costs related to surgery. Figures for procedures often performed on more than one site in the same session reflect typical fees for one site.

The regional breakdowns used in the above table are as follows:

REG 1 - New England (CT, ME, MA, NH, RI, VT)	REG 4 - West North Central (IA, KS, MN, MO, NE, ND, SD)	REG 7 - West South Central (AR, LA, OK, TX)
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REG 3 - East North Central (IL, IN, MI, OH, WI)	REG 6 - East South Central (AL, KY, MS, TN)	REG 9 - Pacific (AK, CA, HI, OR, WA)

- The above figures are based on a survey of doctors who have been certified by American Board of Medical Specialties recognized boards, including but not limited to the American Board of Plastic Surgery. The survey portion of this research has a standard error of +/- 3.0% at a 95% level of confidence.
- Figures for procedures include but are not limited to those performed by ASAPS members. ASAPS members are plastic surgeons certified by the American Board of Plastic Surgery who have met additional educational and practice requirements in aesthetic surgery.
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- The ASAPS 1999 Statistics on Cosmetic Surgery were funded in part by the Aesthetic Surgery Education and Research Foundation.

## ASAPS 1999 Statistics Member Practice Profile

Procedure	ASAPS Average Procedures per Doctor
Abdominoplasty (tummy tuck)	12.9
Blepharoplasty (cosmetic eyelid surgery)	<b>42.9</b> <sup>4</sup>
Botox injection	26.4
Breast augmentation	<b>48.9</b> <sup>2</sup>
Breast lift	10.2
Breast reduction (women)*	19.2
Buttock lift	0.4
Cellulite Treatment (mechanical roller massage therapy)	17.6
Cheek implants	0.8
Chemical peel	19.5
Chin augmentation	3.0
Collagen injection	21.7
Dermabrasion	4.2
Facelift	<b>26.5</b> <sup>5</sup>
Fat injection	11.1
Forehead lift	12.1
Gynecomastia, treatment of	3.1
Hair transplantation	0.7
Laser hair removal	14.6
Laser skin resurfacing	14.9
Laser treatment of leg veins	6.3
Lip augmentation (other than injectable materials)	3.4
Lipoplasty (liposuction)	<b>55.0</b> <sup>1</sup>
Lower body lift	0.6
Microdermabrasion	<b>44.1</b> <sup>3</sup>
Otoplasty (cosmetic ear surgery)	2.8
Rhinoplasty (nose reshaping)	14.6
Sclerotherapy	12.8
Thigh lift	1.1
Upper arm lift	1.0
<b>TOTALS</b>	<b>452.4</b>

\*Breast reduction may be covered by insurance, depending on the patient's breast size, body type and symptoms.

- The survey portion of this research has a standard error of +/- 3.0% at a 95% level of confidence.
- The top five most prevalent procedures are indicated in bold and are numbered 1 through 5. Component figures may not add exactly to totals and percentages may not equal 100% due to rounding. In no cases are the sums of component figures off by more than .02% from the national total number of procedures.
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- The ASAPS 1999 *Statistics on Cosmetic Surgery* were funded in part by the Aesthetic Surgery Education and Research Foundation.

## ASAPS Quick Facts: Highlights of Attitudes on Cosmetic Surgery Survey

(Data from February 2000 Consumer Survey of 1000 American Households)

### Americans' general approval of cosmetic surgery

- 57% of women say they approve of cosmetic surgery
- 51% of men say they approve of cosmetic surgery

### General approval of cosmetic surgery by age

- 40% of Americans age 65 or older say they approve of cosmetic surgery
- 53% of 55-to-64 year olds say they approve
- 59% of 35-to-54 year olds (baby boomers) say they approve
- 58% of 25-to-34 year olds say they approve
- 50% of 18-to-24 year olds say they approve

### Changes in attitude toward cosmetic surgery compared to 10 years ago

- 69% of Americans say they have the same attitude as 10 years ago
- 19% say their attitude toward cosmetic surgery is more favorable
- 8% say their attitude toward cosmetic surgery is less favorable

### Americans' openness about having cosmetic surgery

- 82% of women say that, if they had cosmetic surgery in the future, they would not be embarrassed if people outside their immediate family/close friends knew about it
- 72% of men would not be embarrassed

### Approval of cosmetic surgery in relation to household income

- 63% of Americans with incomes above \$50,000 approve of cosmetic surgery
- 52% with incomes of \$41,000-\$50,000 approve
- 53% of those with incomes of \$26,000-\$40,000 approve
- 50% with incomes of \$15,000 to \$25,000 approve
- 44% with incomes under \$15,000 approve

### Approval of cosmetic surgery in relation to education

- 68% of Americans with postgraduate education approve of cosmetic surgery
- 58% with college degrees or some college approve
- 47% with no college approve

### Approval of cosmetic surgery in relation to race/ethnicity

- 56% of white Americans approve of cosmetic surgery
- 46% of non-white Americans approve

### Approval of cosmetic surgery in relation to geographic region

- People living in the Western U.S. are most likely to approve of cosmetic surgery (56%)
- People in the Northeast U.S. are least likely to approve (51%)

*Figures may not add exactly to totals and percentages may not equal 100% due to rounding.*