

2018 NATIONAL PLASTIC SURGERY STATISTICS



COSMETIC SURGICAL PROCEDURES

	2018	2017	2000	% CHANGE 2018 vs 2017	% CHANGE 2018 vs 2000
Breast augmentation (<i>Augmentation mammoplasty</i>)**	313,735	300,378	212,500	4%	48%
Breast implant removals (<i>Augmentation patients only</i>)	29,236	27,507	40,787	6%	-28%
Breast lift (<i>Mastopexy</i>)	109,638	105,219	52,836	4%	108%
Breast reduction (<i>Aesthetic patients only</i>)****	43,591	43,635	*	0%	*
Breast reduction in men (<i>Gynecomastia</i>)	24,753	26,839	20,351	-8%	22%
Buttock augmentation with fat grafting****	24,099	20,301	*	19%	*
Buttock implants****	946	1,323	*	-28%	*
Buttock lift	4,824	4,804	1,356	0%	256%
Calf augmentation****	655	658	*	0%	*
Cheek implant (<i>Malar augmentation</i>)	14,369	14,277	10,427	1%	38%
Chin augmentation (<i>Mentoplasty</i>)	16,400	16,136	26,924	2%	-39%
Dermabrasion	80,697	84,276	42,218	-4%	91%
Ear surgery (<i>Otoplasty</i>)	22,884	23,433	36,295	-2%	-37%
Eyelid surgery (<i>Blepharoplasty</i>)	206,529	209,571	327,514	-1%	-37%
Facelift (<i>Rhytidectomy</i>)	121,531	125,697	133,856	-3%	-9%
Forehead lift	38,795	39,886	120,971	-3%	-68%
Hair transplantation	23,658	19,979	44,694	18%	-47%
Labiaplasty****	10,246	10,253	*	0%	*
Lip augmentation (<i>other than injectable materials</i>)	30,859	29,797	18,589	4%	66%
Lip reduction****	1,069	1,065	*	0%	*
Liposuction	258,558	246,354	354,015	5%	-27%
Lower body lift	9,098	9,075	207	0%	4295%
Neck lift	53,571	53,028	*	1%	*
Nose reshaping (<i>Rhinoplasty</i>)	213,780	218,924	389,155	-2%	-45%
Pectoral implants****	700	983	*	-29%	*
Thigh Lift	10,100	9,648	5,303	5%	90%
Tummy tuck (<i>Abdominoplasty</i>)	130,081	129,753	62,713	0%	107%
Upper arm lift	17,338	18,033	338	-4%	5030%
TOTAL COSMETIC SURGICAL PROCEDURES	1,811,740	1,790,832	1,901,049	1%	-5%

All figures are projected.

* Data unavailable in prior year.

**88% of total 2018 breast implants were silicone; 12% were saline.

***Botulinum Toxin Type A numbers are of anatomic sites injected.

****Counts of procedures performed by ASPS member surgeons only.

^In 2000 figure included all animal bites.

^^In 2000 figure included facial laceration repair.

^^^In 2017 figure is restated to include fat fillers performed only to the face

^^^^In 2018 and 2017 figure includes facial laceration repair.

Note that Collagen was excluded from the results due to an insufficient sample of responding physicians who perform this procedure

ASPS Procedural Statistics represent procedures performed by ASPS member surgeons certified by The American Board of Plastic Surgery® as well as other physicians certified by American Board of Medical Specialties-recognized boards. © ASPS, 2019

ASPS Member Only Procedural Statistics represent procedures performed by ASPS member surgeons certified by The American Board of Plastic Surgery®. © ASPS, 2019

Margin of error = +/- 4.12%

2018 NATIONAL PLASTIC SURGERY STATISTICS



COSMETIC MINIMALLY-INVASIVE PROCEDURES

	2018	2017	2000	% CHANGE 2018 vs 2017	% CHANGE 2018 vs 2000
Botulinum Toxin Type A (<i>Botox, Dysport, Xeomin</i>)***	7,437,378	7,230,967	786,911	3%	845%
Cellulite treatment (<i>Velosmooth, Endermology</i>)	37,220	37,034	23,952	1%	55%
Chemical peel	1,384,327	1,376,703	1,149,457	1%	20%
Injection lipolysis (e.g., <i>Kybella</i>)	63,993	62,587	*	2%	*
Intense Pulsed Light (IPL) treatment	675,552	667,561	*	1%	*
Laser hair removal	1,077,490	1,086,830	735,996	-1%	46%
Laser skin resurfacing	594,266	587,903	170,951	1%	248%
Ablative	160,733	161,670	*	-1%	*
Non-ablative (<i>Fraxel, etc.</i>)	433,533	426,233	*	2%	*
Laser treatment of leg veins	217,836	218,929	245,424	0%	-11%
Microdermabrasion	709,413	740,287	868,315	-4%	-18%
Non-invasive fat reduction (<i>Coolsculpting, Liposonix</i>)	376,962	356,378	*	6%	*
Non-surgical skin tightening (<i>Pelleve, Thermage, Ulthera</i>)	335,290	333,334	*	1%	*
Sclerotherapy	323,234	324,340	866,555	0%	-63%
Soft Tissue Fillers	2,676,970	2,631,014	*	2%	*
Acellular Dermal Matrix****	8,575	8,349	*	3%	*
Calcium hydroxylapatite (<i>Radiesse</i>)	227,234	237,244	*	-4%	*
Fat fillers: Face^^^	45,360	39,090	*	16%	*
Hyaluronic acid (<i>Juvederm Ultra, Juvederm Ultra Plus, Perlane, Restylane, Belotero</i>)	2,128,923	2,091,476	*	2%	*
Platelet-Rich Plasma (PRP)	127,394	113,356	*	12%	*
Polylactic acid (<i>Sculptra</i>)	121,920	123,860	*	-2%	*
Polymethyl-methacrylate microspheres (<i>Artefill</i>)	17,564	17,639	*	0%	*
TOTAL COSMETIC MINIMALLY-INVASIVE PROCEDURES	15,909,931	15,653,867	4,847,561	2%	228%

TOTAL COSMETIC PROCEDURES **17,721,671** **17,444,699** **6,748,610** **2%** **163%**

All figures are projected.

* Data unavailable in prior year.

**88% of total 2018 breast implants were silicone; 12% were saline.

***Botulinum Toxin Type A numbers are of anatomic sites injected.

****Counts of procedures performed by ASPS member surgeons only.

^In 2000 figure included all animal bites.

^^In 2000 figure included facial laceration repair.

^^^In 2017 figure is restated to include fat fillers performed only to the face

^^^^In 2018 and 2017 figure includes facial laceration repair.

Note that Collagen was excluded from the results due to an insufficient sample of responding physicians who perform this procedure

ASPS Procedural Statistics represent procedures performed by ASPS member surgeons certified by The American Board of Plastic Surgery® as well as other physicians certified by American Board of Medical Specialties-recognized boards. © ASPS, 2019

ASPS Member Only Procedural Statistics represent procedures performed by ASPS member surgeons certified by The American Board of Plastic Surgery®. © ASPS, 2019

Margin of error = +/- 4.12%

2018 NATIONAL PLASTIC SURGERY STATISTICS



RECONSTRUCTIVE PROCEDURES

	2018	2017	2000	% CHANGE 2018 vs 2017	% CHANGE 2018 vs 2000
Dog bite repair [^]	26,906	27,923	43,089	-4%	-38%
Birth defect (<i>congenital deformities</i>)	32,870	31,582	40,076	4%	-18%
Breast implant removals (<i>Reconstructive patients only</i>) ^{****}	19,149	19,415	16,287	-1%	18%
Breast reconstruction ^{****}	101,657	106,295	78,832	-4%	29%
Breast reduction (<i>reconstructive patients only</i>)	57,535	59,463	*	-3%	*
Burn care	17,682	16,964	*	4%	*
Hand surgery (<i>excluding microsurgical</i>)	138,345	138,095	*	0%	*
Head and neck reconstruction ^{****}	27,439	27,898	*	-2%	*
Hernia repair ^{****}	11,173	10,758	*	4%	*
Laceration repair (<i>other than facial</i>) ^{^^}	253,447	253,760	358,666	0%	-29%
Lower extremity reconstruction (<i>including microsurgical</i>) ^{****}	15,029	15,625	*	-4%	*
Maxillofacial surgery ^{^^^}	204,521	204,778	79,331	0%	158%
Pelvic floor reconstruction ^{****}	1,719	1,592	*	8%	*
Scar revision	182,250	182,321	221,858	0%	-18%
Tumor removal (<i>including skin cancer</i>)	4,462,519	4,479,033	*	0%	*
Other reconstructive procedures	253,639	258,851	376,270	-2%	-33%
TOTAL RECONSTRUCTIVE PROCEDURES	5,805,880	5,834,353	*	0%	*

All figures are projected.

* Data unavailable in prior year.

**88% of total 2018 breast implants were silicone; 12% were saline.

***Botulinum Toxin Type A numbers are of anatomic sites injected.

****Counts of procedures performed by ASPS member surgeons only.

[^]In 2000 figure included all animal bites.

^{^^}In 2000 figure included facial laceration repair.

^{^^^}In 2017 figure is restated to include fat fillers performed only to the face

^{^^^^}In 2018 and 2017 figure includes facial laceration repair.

Note that Collagen was excluded from the results due to an insufficient sample of responding physicians who perform this procedure

ASPS Procedural Statistics represent procedures performed by ASPS member surgeons certified by The American Board of Plastic Surgery® as well as other physicians certified by American Board of Medical Specialties-recognized boards. © ASPS, 2019

ASPS Member Only Procedural Statistics represent procedures performed by ASPS member surgeons certified by The American Board of Plastic Surgery®. © ASPS, 2019

Margin of error = +/- 4.12%