



ISAPS INTERNATIONAL SURVEY
ON AESTHETIC/COSMETIC
PROCEDURES PERFORMED IN 2017

METHODOLOGY

Survey participants completed a questionnaire that primarily focused on the number of specific surgical and non-surgical procedures performed in 2017, along with some ancillary questions related to medical tourism.

The International Society of Aesthetic Plastic Surgery (ISAPS) issued an invitation to participate in the study to approximately 35,000 Plastic Surgeons whose contact information is housed in its proprietary database. In addition, a request was made that all National Societies encourage their members/constituents to take part in the survey.

Data from a total of 1,329 plastic surgeons were compiled for this survey.

Final figures have been projected to reflect international statistics and are exclusively based on the estimated number of Plastic Surgeons actively practicing in each country and the respondent sample. This International Survey is focused on physicians who are board certified (or national equivalent) Plastic Surgeons .

To aid in tallying the world-wide estimate of plastic surgeons, representatives from National Societies provided recent counts for 97% of the 43,500 total estimated plastic surgeons. For those cases in which the National Society did not provide its country's total, a regression model was used to estimate the number of plastic surgeons in the country based on its population size and Gross Domestic Product. Studies such as this must often address outlying responses. Though the outlying values may be legitimate, their presence can distort the averages, which provide the basis of the estimated projections. Significant outliers in this survey were adjusted in order to protect the

reasonableness of the extrapolated values. Additional standard data editing procedures were followed to ensure responses met survey guidelines. All reported data values have been analyzed for statistical reasonableness.

Country-specific data are only shown for those countries that provided a sufficient survey response for the figures to be considered valid. No adjustments other than standard data editing procedures were applied to country-specific results.

The International Survey on Aesthetic/Cosmetic Procedures Performed in 2017 was compiled, tabulated, and analyzed by Industry Insights, Inc. (www.industryinsights.com), an independent research firm based in Columbus, OH. The survey leader was Scott Hackworth, a CPA and data scientist who along with his firm has conducted various forms of research on trends in Aesthetic Plastic Surgery for more than 20 years.

1. It is important to note that Japan's figures were independently fielded and provided by Kotaro Yoshimura, M.D., Professor and Chair of the Department of Plastic Surgery, Jichi Medical University. Dr. Yoshimura expanded his sample beyond plastic surgeons, which could impact comparability among Japan and other listed countries.



PROCEDURES BY COUNTRY

WORLD-WIDE

ESTIMATED NUMBER OF PLASTIC SURGEONS IN COUNTRY 43.500



SURGICAL PROCEDURES

FACE & HEAD

| | |
|---|------------------|
| Brow Lift | 249.343 |
| Ear Surgery | 287.070 |
| Eyelid Surgery | 1.346.886 |
| Facelift | 465.296 |
| Facial Bone Contouring | 98.003 |
| Fat Grafting-face | 602.760 |
| Neck Lift | 263.219 |
| Rhinoplasty | 877.254 |
| Total Face & Head Procedures | 4.189.830 |

BREAST

| | |
|----------------------------------|------------------|
| Breast Augmentation— saline | 70.683 |
| Breast Augmentation—silicone | 1.469.606 |
| Breast Augmentation—fat transfer | 137.030 |
| Breast Implant Removal | 169.553 |
| Breast Lift | 657.832 |
| Breast Reduction | 489.146 |
| Gynecomastia | 243.272 |
| Total Breast Procedures | 3.237.123 |

BODY & EXTREMITIES

| | |
|--|------------------|
| Abdominoplasty | 802.234 |
| Buttock Augmentation-implants only | 36.859 |
| Buttock Augmentation—fat transfer | 335.637 |
| Buttock Lift | 43.364 |
| Liposuction | 1.573.680 |
| Lower Body Lift | 88.029 |
| Thigh Lift | 86.728 |
| Upper Arm Lift | 137.030 |
| Upper Body Lift | 29.488 |
| Labiaplasty | 138.765 |
| Vaginal Rejuvenation | 68.081 |
| Total Body & Extremities Procedures | 4.189.830 |

Total Surgical Procedures 10.766.848

NON-SURGICAL PROCEDURES

INJECTABLES

| | |
|--------------------------|------------------|
| Botulinum Toxin | 5.033.693 |
| Calcium Hydroxylapatite | 167.385 |
| Hyaluronic Acid | 3.298.266 |
| Poly-L-Lactic Acid | 72.852 |
| Total Injectables | 8.572.196 |

FACIAL REJUVENATION

| | |
|----------------------------------|------------------|
| Chemical Peel | 357.753 |
| Full Field Ablative | 170.854 |
| Micro-Ablative Resurfacing | 214.652 |
| Dermabrasion | 57.674 |
| Microdermabrasion | 268.423 |
| Nonsurgical Skin Tightening | 436.675 |
| Photo Rejuvenation | 545.953 |
| Total Facial Rejuvenation | 2.051.984 |

OTHER

| | |
|---------------------------|------------------|
| Cellulite Treatment | 267.556 |
| Hair Removal | 997.372 |
| Nonsurgical Fat Reduction | 478.739 |
| Tattoo Removal | 114.047 |
| Treatment of Leg Veins | 75.453 |
| Sclerotherapy | 66.347 |
| Total Other | 1.999.514 |

Total Non-Surgical Procedures 12.623.694
Total Procedures 23.390.542

INTERNATIONAL STUDY ON AESTHETIC/COSMETIC
PROCEDURES PERFORMED IN 2017

USA

ESTIMATED NUMBER OF PLASTIC SURGEONS IN COUNTRY 6.800



SURGICAL PROCEDURES

FACE & HEAD

| | |
|---|----------------|
| Brow Lift | 26.248 |
| Ear Surgery | 13.260 |
| Eyelid Surgery | 149.736 |
| Facelift | 83.572 |
| Facial Bone Contouring | 7.276 |
| Fat Grafting-face | 63.240 |
| Neck Lift | 32.436 |
| Rhinoplasty | 44.676 |
| Total Face & Head Procedures | 420.444 |

BREAST

| | |
|----------------------------------|----------------|
| Breast Augmentation— saline | 41.616 |
| Breast Augmentation—silicone | 281.316 |
| Breast Augmentation—fat transfer | 22.304 |
| Breast Implant Removal | 44.336 |
| Breast Lift | 139.672 |
| Breast Reduction | 76.364 |
| Gynecomastia | 23.868 |
| Total Breast Procedures | 629.476 |

BODY & EXTREMITIES

| | |
|--|----------------|
| Abdominoplasty | 142.460 |
| Buttock Augmentation-implants only | 1.700 |
| Buttock Augmentation—fat transfer | 27.676 |
| Buttock Lift | 5.304 |
| Liposuction | 273.700 |
| Lower Body Lift | 9.180 |
| Thigh Lift | 9.180 |
| Upper Arm Lift | 19.992 |
| Upper Body Lift | 3.332 |
| Labiaplasty | 11.492 |
| Vaginal Rejuvenation | 8.568 |
| Total Body & Extremities Procedures | 512.584 |

Total Surgical Procedures 1.562.504

NON-SURGICAL PROCEDURES

INJECTABLES

| | |
|--------------------------|------------------|
| Botulinum Toxin | 1.150.560 |
| Calcium Hydroxylapatite | 46.036 |
| Hyaluronic Acid | 676.396 |
| Poly-L-Lactic Acid | 30.668 |
| Total Injectables | 1.903.660 |

FACIAL REJUVENATION

| | |
|----------------------------------|----------------|
| Chemical Peel | 85.476 |
| Full Field Ablative | 29.784 |
| Micro-Ablative Resurfacing | 61.404 |
| Dermabrasion | 6.528 |
| Microdermabrasion | 80.580 |
| Nonsurgical Skin Tightening | 67.320 |
| Photo Rejuvenation | 117.436 |
| Total Facial Rejuvenation | 448.528 |

OTHER

| | |
|---------------------------|----------------|
| Cellulite Treatment | 14.076 |
| Hair Removal | 177.140 |
| Nonsurgical Fat Reduction | 172.380 |
| Tattoo Removal | 12.512 |
| Treatment of Leg Veins | 11.084 |
| Sclerotherapy | 8.296 |
| Total Other | 395.488 |

Total Non-Surgical Procedures 2.747.676
Total Procedures 4.310.180

BRAZIL

ESTIMATED NUMBER OF PLASTIC SURGEONS IN COUNTRY 5,500



SURGICAL PROCEDURES

FACE & HEAD

| | |
|---|----------------|
| Brow Lift | 36.080 |
| Ear Surgery | 41.910 |
| Eyelid Surgery | 159.720 |
| Facelift | 69.465 |
| Facial Bone Contouring | 8.855 |
| Fat Grafting-face | 76.890 |
| Neck Lift | 44.000 |
| Rhinoplasty | 74.470 |
| Total Face & Head Procedures | 511.390 |

BREAST

| | |
|----------------------------------|----------------|
| Breast Augmentation— saline | 6.050 |
| Breast Augmentation—silicone | 215.380 |
| Breast Augmentation—fat transfer | 14.520 |
| Breast Implant Removal | 13.915 |
| Breast Lift | 104.995 |
| Breast Reduction | 85.525 |
| Gynecomastia | 32.505 |
| Total Breast Procedures | 472.890 |

BODY & EXTREMITIES

| | |
|--|----------------|
| Abdominoplasty | 121.385 |
| Buttock Augmentation-implants only | 8.525 |
| Buttock Augmentation—fat transfer | 64.790 |
| Buttock Lift | 4.895 |
| Liposuction | 211.035 |
| Lower Body Lift | 12.980 |
| Thigh Lift | 11.440 |
| Upper Arm Lift | 15.345 |
| Upper Body Lift | 3.245 |
| Labiaplasty | 21.835 |
| Vaginal Rejuvenation | 6.490 |
| Total Body & Extremities Procedures | 481.965 |

Total Surgical Procedures 1,466,245

NON-SURGICAL PROCEDURES

INJECTABLES

| | |
|--------------------------|----------------|
| Botulinum Toxin | 399.905 |
| Calcium Hydroxylapatite | 4.290 |
| Hyaluronic Acid | 254.375 |
| Poly-L-Lactic Acid | 19.195 |
| Total Injectables | 677.765 |

FACIAL REJUVENATION

| | |
|----------------------------------|----------------|
| Chemical Peel | 35.970 |
| Full Field Ablative | 18.040 |
| Micro-Ablative Resurfacing | 8.745 |
| Dermabrasion | 7.205 |
| Microdermabrasion | 7.700 |
| Nonsurgical Skin Tightening | 25.905 |
| Photo Rejuvenation | 38.940 |
| Total Facial Rejuvenation | 142.505 |

OTHER

| | |
|---------------------------|----------------|
| Cellulite Treatment | 48.070 |
| Hair Removal | 57.255 |
| Nonsurgical Fat Reduction | 23.925 |
| Tattoo Removal | 1.925 |
| Treatment of Leg Veins | 4.235 |
| Sclerotherapy | 5.610 |
| Total Other | 141.020 |

Total Non-Surgical Procedures 961,290
Total Procedures 2,427,535

JAPAN

ESTIMATED NUMBER OF PLASTIC SURGEONS IN COUNTRY 2.650



SURGICAL PROCEDURES

FACE & HEAD

| | |
|---|----------------|
| Brow Lift | 556 |
| Ear Surgery | 661 |
| Eyelid Surgery | 187.326 |
| Facelift | 34.510 |
| Facial Bone Contouring | 2.209 |
| Fat Grafting-face | 7.521 |
| Neck Lift | 509 |
| Rhinoplasty | 36.721 |
| Total Face & Head Procedures | 270.014 |

BREAST

| | |
|----------------------------------|--------------|
| Breast Augmentation— saline | 26 |
| Breast Augmentation—silicone | 3.460 |
| Breast Augmentation—fat transfer | 4.265 |
| Breast Implant Removal | 889 |
| Breast Lift | 273 |
| Breast Reduction | 266 |
| Gynecomastia | 139 |
| Total Breast Procedures | 9.318 |

BODY & EXTREMITIES

| | |
|--|---------------|
| Abdominoplasty | 123 |
| Buttock Augmentation-implants only | 23 |
| Buttock Augmentation—fat transfer | 50 |
| Buttock Lift | 19 |
| Liposuction | 10.703 |
| Lower Body Lift | 110 |
| Thigh Lift | 30 |
| Upper Arm Lift | 41 |
| Upper Body Lift | 6 |
| Labiaplasty | 3.624 |
| Vaginal Rejuvenation | 338 |
| Total Body & Extremities Procedures | 15.065 |

Total Surgical Procedures 294.396

NON-SURGICAL PROCEDURES

INJECTABLES

| | |
|--------------------------|----------------|
| Botulinum Toxin | 253.848 |
| Calcium Hydroxylapatite | 3.043 |
| Hyaluronic Acid | 449.424 |
| Poly-L-Lactic Acid | 47 |
| Total Injectables | 706.362 |

FACIAL REJUVENATION

| | |
|----------------------------------|----------------|
| Chemical Peel | 74.927 |
| Full Field Ablative | 4.282 |
| Micro-Ablative Resurfacing | 23.204 |
| Dermabrasion | 1.035 |
| Microdermabrasion | 1.119 |
| Nonsurgical Skin Tightening | 35.213 |
| Photo Rejuvenation | 87.309 |
| Total Facial Rejuvenation | 227.089 |

OTHER

| | |
|---------------------------|----------------|
| Cellulite Treatment | 2.236 |
| Hair Removal | 344.582 |
| Nonsurgical Fat Reduction | 93.362 |
| Tattoo Removal | 9.672 |
| Treatment of Leg Veins | 571 |
| Sclerotherapy | 340 |
| Total Other | 450.763 |

Total Non-Surgical Procedures 1.384.214
Total Procedures 1.678.610

MEXICO

ESTIMATED NUMBER OF PLASTIC SURGEONS IN COUNTRY 1.650



SURGICAL PROCEDURES

FACE & HEAD

| | |
|---|----------------|
| Brow Lift | 16.406 |
| Ear Surgery | 11.604 |
| Eyelid Surgery | 52.546 |
| Facelift | 20.291 |
| Facial Bone Contouring | 10.014 |
| Fat Grafting-face | 28.076 |
| Neck Lift | 17.849 |
| Rhinoplasty | 55.677 |
| Total Face & Head Procedures | 212.464 |

BREAST

| | |
|----------------------------------|----------------|
| Breast Augmentation— saline | 951 |
| Breast Augmentation—silicone | 61.610 |
| Breast Augmentation—fat transfer | 4.917 |
| Breast Implant Removal | 6.736 |
| Breast Lift | 27.961 |
| Breast Reduction | 17.095 |
| Gynecomastia | 8.867 |
| Total Breast Procedures | 128.137 |

BODY & EXTREMITIES

| | |
|--|----------------|
| Abdominoplasty | 36.386 |
| Buttock Augmentation-implants only | 3.868 |
| Buttock Augmentation—fat transfer | 35.288 |
| Buttock Lift | 3.376 |
| Liposuction | 73.231 |
| Lower Body Lift | 4.999 |
| Thigh Lift | 4.229 |
| Upper Arm Lift | 8.064 |
| Upper Body Lift | 2.295 |
| Labiaplasty | 4.573 |
| Vaginal Rejuvenation | 4.048 |
| Total Body & Extremities Procedures | 180.356 |

Total Surgical Procedures 520.956

NON-SURGICAL PROCEDURES

INJECTABLES

| | |
|--------------------------|----------------|
| Botulinum Toxin | 228.362 |
| Calcium Hydroxylapatite | 9.490 |
| Hyaluronic Acid | 107.945 |
| Poly-L-Lactic Acid | 410 |
| Total Injectables | 346.206 |

FACIAL REJUVENATION

| | |
|----------------------------------|---------------|
| Chemical Peel | 9.523 |
| Full Field Ablative | 6.032 |
| Micro-Ablative Resurfacing | 8.097 |
| Dermabrasion | 1.901 |
| Microdermabrasion | 21.127 |
| Nonsurgical Skin Tightening | 32.649 |
| Photo Rejuvenation | 14.882 |
| Total Facial Rejuvenation | 94.210 |

OTHER

| | |
|---------------------------|---------------|
| Cellulite Treatment | 20.619 |
| Hair Removal | 29.207 |
| Nonsurgical Fat Reduction | 15.013 |
| Tattoo Removal | 4.409 |
| Treatment of Leg Veins | 3.393 |
| Sclerotherapy | 2.606 |
| Total Other | 75.246 |

Total Non-Surgical Procedures 515.662
Total Procedures 1.036.618

ITALY

ESTIMATED NUMBER OF PLASTIC SURGEONS IN COUNTRY 1.500



SURGICAL PROCEDURES

FACE & HEAD

| | |
|---|----------------|
| Brow Lift | 6.270 |
| Ear Surgery | 9.975 |
| Eyelid Surgery | 45.270 |
| Facelift | 9.405 |
| Facial Bone Contouring | 1.470 |
| Fat Grafting-face | 21.060 |
| Neck Lift | 6.360 |
| Rhinoplasty | 26.880 |
| Total Face & Head Procedures | 126.690 |

BREAST

| | |
|----------------------------------|---------------|
| Breast Augmentation— saline | 1.770 |
| Breast Augmentation—silicone | 48.240 |
| Breast Augmentation—fat transfer | 4.035 |
| Breast Implant Removal | 6.030 |
| Breast Lift | 18.270 |
| Breast Reduction | 9.795 |
| Gynecomastia | 6.705 |
| Total Breast Procedures | 94.845 |

BODY & EXTREMITIES

| | |
|--|---------------|
| Abdominoplasty | 19.875 |
| Buttock Augmentation-implants only | 375 |
| Buttock Augmentation—fat transfer | 3.765 |
| Buttock Lift | 1.290 |
| Liposuction | 40.125 |
| Lower Body Lift | 1.620 |
| Thigh Lift | 3.795 |
| Upper Arm Lift | 4.290 |
| Upper Body Lift | 765 |
| Labiaplasty | 3.465 |
| Vaginal Rejuvenation | 975 |
| Total Body & Extremities Procedures | 80.340 |

Total Surgical Procedures 301.875

NON-SURGICAL PROCEDURES

INJECTABLES

| | |
|--------------------------|----------------|
| Botulinum Toxin | 254.055 |
| Calcium Hydroxylapatite | 19.800 |
| Hyaluronic Acid | 242.355 |
| Poly-L-Lactic Acid | 3.945 |
| Total Injectables | 520.155 |

FACIAL REJUVENATION

| | |
|----------------------------------|---------------|
| Chemical Peel | 25.200 |
| Full Field Ablative | 7.530 |
| Micro-Ablative Resurfacing | 1.710 |
| Dermabrasion | 1.170 |
| Microdermabrasion | 405 |
| Nonsurgical Skin Tightening | 12.885 |
| Photo Rejuvenation | 5.880 |
| Total Facial Rejuvenation | 54.780 |

OTHER

| | |
|---------------------------|---------------|
| Cellulite Treatment | 20.235 |
| Hair Removal | 28.905 |
| Nonsurgical Fat Reduction | 11.145 |
| Tattoo Removal | 5.940 |
| Treatment of Leg Veins | 3.090 |
| Sclerotherapy | 6.705 |
| Total Other | 76.020 |

Total Non-Surgical Procedures 650.955
Total Procedures 952.830

GERMANY

ESTIMATED NUMBER OF PLASTIC SURGEONS IN COUNTRY 1.150



SURGICAL PROCEDURES

FACE & HEAD

| | |
|---|----------------|
| Brow Lift | 7.011 |
| Ear Surgery | 9.269 |
| Eyelid Surgery | 46.086 |
| Facelift | 11.855 |
| Facial Bone Contouring | 1.750 |
| Fat Grafting-face | 16.517 |
| Neck Lift | 6.537 |
| Rhinoplasty | 11.166 |
| Total Face & Head Procedures | 110.190 |

BREAST

| | |
|----------------------------------|---------------|
| Breast Augmentation— saline | 0 |
| Breast Augmentation—silicone | 39.334 |
| Breast Augmentation—fat transfer | 6.830 |
| Breast Implant Removal | 4.245 |
| Breast Lift | 16.732 |
| Breast Reduction | 13.548 |
| Gynecomastia | 9.235 |
| Total Breast Procedures | 89.925 |

BODY & EXTREMITIES

| | |
|--|---------------|
| Abdominoplasty | 18.120 |
| Buttock Augmentation-implants only | 90 |
| Buttock Augmentation—fat transfer | 1.750 |
| Buttock Lift | 1.874 |
| Liposuction | 45.871 |
| Lower Body Lift | 2.552 |
| Thigh Lift | 5.024 |
| Upper Arm Lift | 5.792 |
| Upper Body Lift | 1.423 |
| Labiaplasty | 6.480 |
| Vaginal Rejuvenation | 1.840 |
| Total Body & Extremities Procedures | 90.817 |

Total Surgical Procedures 290.932

NON-SURGICAL PROCEDURES

INJECTABLES

| | |
|--------------------------|----------------|
| Botulinum Toxin | 220.211 |
| Calcium Hydroxylapatite | 4.460 |
| Hyaluronic Acid | 137.919 |
| Poly-L-Lactic Acid | 1.456 |
| Total Injectables | 364.046 |

FACIAL REJUVENATION

| | |
|----------------------------------|---------------|
| Chemical Peel | 2.823 |
| Full Field Ablative | 2.055 |
| Micro-Ablative Resurfacing | 1.400 |
| Dermabrasion | 2.202 |
| Microdermabrasion | 8.705 |
| Nonsurgical Skin Tightening | 7.722 |
| Photo Rejuvenation | 1.129 |
| Total Facial Rejuvenation | 26.035 |

OTHER

| | |
|---------------------------|---------------|
| Cellulite Treatment | 2.789 |
| Hair Removal | 3.590 |
| Nonsurgical Fat Reduction | 10.635 |
| Tattoo Removal | 3.771 |
| Treatment of Leg Veins | 858 |
| Sclerotherapy | 2.224 |
| Total Other | 23.867 |

Total Non-Surgical Procedures 413.948
Total Procedures 704.880

COLOMBIA

ESTIMATED NUMBER OF PLASTIC SURGEONS IN COUNTRY 1.000



SURGICAL PROCEDURES

FACE & HEAD

| | |
|---|----------------|
| Brow Lift | 6.600 |
| Ear Surgery | 8.540 |
| Eyelid Surgery | 26.820 |
| Facelift | 10.670 |
| Facial Bone Contouring | 3.450 |
| Fat Grafting-face | 16.390 |
| Neck Lift | 7.210 |
| Rhinoplasty | 24.300 |
| Total Face & Head Procedures | 103.980 |

BREAST

| | |
|----------------------------------|---------------|
| Breast Augmentation— saline | 150 |
| Breast Augmentation—silicone | 43.390 |
| Breast Augmentation—fat transfer | 2.030 |
| Breast Implant Removal | 5.100 |
| Breast Lift | 22.310 |
| Breast Reduction | 13.370 |
| Gynecomastia | 5.600 |
| Total Breast Procedures | 91.950 |

BODY & EXTREMITIES

| | |
|--|----------------|
| Abdominoplasty | 31.360 |
| Buttock Augmentation-implants only | 3.640 |
| Buttock Augmentation—fat transfer | 28.940 |
| Buttock Lift | 1.120 |
| Liposuction | 65.700 |
| Lower Body Lift | 2.520 |
| Thigh Lift | 3.160 |
| Upper Arm Lift | 3.060 |
| Upper Body Lift | 1.070 |
| Labiaplasty | 5.550 |
| Vaginal Rejuvenation | 4.090 |
| Total Body & Extremities Procedures | 150.210 |

Total Surgical Procedures 346.140

NON-SURGICAL PROCEDURES

INJECTABLES

| | |
|--------------------------|----------------|
| Botulinum Toxin | 82.120 |
| Calcium Hydroxylapatite | 2.540 |
| Hyaluronic Acid | 40.600 |
| Poly-L-Lactic Acid | 90 |
| Total Injectables | 125.350 |

FACIAL REJUVENATION

| | |
|----------------------------------|---------------|
| Chemical Peel | 2.400 |
| Full Field Ablative | 3.820 |
| Micro-Ablative Resurfacing | 4.210 |
| Dermabrasion | 1.120 |
| Microdermabrasion | 8.720 |
| Nonsurgical Skin Tightening | 5.060 |
| Photo Rejuvenation | 2.510 |
| Total Facial Rejuvenation | 27.840 |

OTHER

| | |
|---------------------------|---------------|
| Cellulite Treatment | 4.040 |
| Hair Removal | 6.030 |
| Nonsurgical Fat Reduction | 5.580 |
| Tattoo Removal | 970 |
| Treatment of Leg Veins | 580 |
| Sclerotherapy | 400 |
| Total Other | 17.600 |

Total Non-Surgical Procedures 170.790
Total Procedures 516.930

THAILAND

ESTIMATED NUMBER OF PLASTIC SURGEONS IN COUNTRY 350



SURGICAL PROCEDURES

FACE & HEAD

| | |
|---|---------------|
| Brow Lift | 3.841 |
| Ear Surgery | 2.411 |
| Eyelid Surgery | 19.743 |
| Facelift | 4.319 |
| Facial Bone Contouring | 2.842 |
| Fat Grafting-face | 5.043 |
| Neck Lift | 2.798 |
| Rhinoplasty | 21.260 |
| Total Face & Head Procedures | 62.257 |

BREAST

| | |
|----------------------------------|---------------|
| Breast Augmentation— saline | 18 |
| Breast Augmentation—silicone | 14.234 |
| Breast Augmentation—fat transfer | 362 |
| Breast Implant Removal | 1.596 |
| Breast Lift | 4.264 |
| Breast Reduction | 2.480 |
| Gynecomastia | 1.245 |
| Total Breast Procedures | 24.200 |

BODY & EXTREMITIES

| | |
|--|---------------|
| Abdominoplasty | 4.380 |
| Buttock Augmentation-implants only | 246 |
| Buttock Augmentation—fat transfer | 449 |
| Buttock Lift | 239 |
| Liposuction | 9.264 |
| Lower Body Lift | 988 |
| Thigh Lift | 529 |
| Upper Arm Lift | 1.061 |
| Upper Body Lift | 308 |
| Labiaplasty | 1.104 |
| Vaginal Rejuvenation | 319 |
| Total Body & Extremities Procedures | 18.886 |

Total Surgical Procedures 105.342

NON-SURGICAL PROCEDURES

INJECTABLES

| | |
|--------------------------|---------------|
| Botulinum Toxin | 13.253 |
| Calcium Hydroxylapatite | 72 |
| Hyaluronic Acid | 3.417 |
| Poly-L-Lactic Acid | 43 |
| Total Injectables | 16.786 |

FACIAL REJUVENATION

| | |
|----------------------------------|--------------|
| Chemical Peel | 18 |
| Full Field Ablative | 282 |
| Micro-Ablative Resurfacing | 0 |
| Dermabrasion | 264 |
| Microdermabrasion | 0 |
| Nonsurgical Skin Tightening | 264 |
| Photo Rejuvenation | 3.330 |
| Total Facial Rejuvenation | 4.159 |

OTHER

| | |
|---------------------------|--------------|
| Cellulite Treatment | 0 |
| Hair Removal | 1.079 |
| Nonsurgical Fat Reduction | 510 |
| Tattoo Removal | 159 |
| Treatment of Leg Veins | 80 |
| Sclerotherapy | 282 |
| Total Other | 2.110 |

Total Non-Surgical Procedures 23.056
Total Procedures 128.398



TOTALS RANKED BY CATEGORY 17

TOTAL FACE & HEAD PROCEDURES

| Rank* | Country: | | % of World-Wide Total |
|-------|----------|---------|-----------------------|
| 1. | Brazil | 511.390 | 12,2% |
| 2. | USA | 420.444 | 10,0% |
| 3. | Japan | 270.014 | 6,4% |
| 4. | Mexico | 212.464 | 5,1% |
| 5. | Italy | 126.690 | 3,0% |
| 6. | Germany | 110.190 | 2,6% |
| 7. | Colombia | 103.980 | 2,5% |
| 8. | Thailand | 62.257 | 1,5% |

TOTAL BREAST PROCEDURES

| Rank* | Country: | | % of World-Wide Total |
|-------|----------|---------|-----------------------|
| 1. | USA | 629.476 | 19,4% |
| 2. | Brazil | 472.890 | 14,6% |
| 3. | Mexico | 128.137 | 4,0% |
| 4. | Italy | 94.845 | 2,9% |
| 5. | Colombia | 91.950 | 2,8% |
| 6. | Germany | 89.925 | 2,8% |
| 7. | Thailand | 24.200 | 0,7% |
| 8. | Japan | 9.318 | 0,3% |

* Rankings are based solely on those countries from which a sufficient survey response was received and data were considered to be representative.

TOTAL BODY & EXTREMITIES

| Rank* | Country: | | % of World-Wide Total |
|-------|----------|---------|-----------------------|
| 1. | USA | 512.584 | 15,3% |
| 2. | Brazil | 481.965 | 14,4% |
| 3. | Mexico | 180.356 | 5,4% |
| 4. | Colombia | 150.210 | 4,5% |
| 5. | Germany | 90.817 | 2,7% |
| 6. | Italy | 80.340 | 2,4% |
| 7. | Thailand | 18.886 | 0,6% |
| 8. | Japan | 15.065 | 0,5% |

TOTAL SURGICAL PROCEDURES

| Rank* | Country: | | % of World-Wide Total |
|-------|----------|-----------|-----------------------|
| 1. | USA | 1.562.504 | 14,5% |
| 2. | Brazil | 1.466.245 | 13,6% |
| 3. | Mexico | 520.956 | 4,8% |
| 4. | Colombia | 346.140 | 3,2% |
| 5. | Italy | 301.875 | 2,8% |
| 6. | Japan | 294.396 | 2,7% |
| 7. | Germany | 290.932 | 2,7% |
| 8. | Thailand | 105.342 | 1,0% |

* Rankings are based solely on those countries from which a sufficient survey response was received and data were considered to be representative.

TOTAL INJECTIBLES

| Rank* | Country: | | % of World-Wide Total |
|-------|----------|-----------|-----------------------|
| 1. | USA | 1.903.660 | 22,2% |
| 2. | Japan | 706.362 | 8,2% |
| 3. | Brazil | 677.765 | 7,9% |
| 4. | Italy | 520.155 | 6,1% |
| 5. | Germany | 364.046 | 4,2% |
| 6. | Mexico | 346.206 | 4,0% |
| 7. | Colombia | 125.350 | 1,5% |
| 8. | Thailand | 16.786 | 0,2% |

TOTAL FACIAL REJUVENATION

| Rank* | Country: | | % of World-Wide Total |
|-------|----------|---------|-----------------------|
| 1. | USA | 448.528 | 21,9% |
| 2. | Japan | 227.089 | 11,1% |
| 3. | Brazil | 142.505 | 6,9% |
| 4. | Mexico | 94.210 | 4,6% |
| 5. | Italy | 54.780 | 2,7% |
| 6. | Colombia | 27.840 | 1,4% |
| 7. | Germany | 26.035 | 1,3% |
| 8. | Thailand | 4.159 | 0,2% |

* Rankings are based solely on those countries from which a sufficient survey response was received and data were considered to be representative.

TOTAL OTHER NON-SURGICAL

| Rank* | Country: | | % of World-Wide Total |
|-------|----------|---------|-----------------------|
| 1. | Japan | 450.763 | 22,5% |
| 2. | USA | 395.488 | 19,8% |
| 3. | Brazil | 141.020 | 7,1% |
| 4. | Italy | 76.020 | 3,8% |
| 5. | Mexico | 75.246 | 3,8% |
| 6. | Germany | 23.867 | 1,2% |
| 7. | Colombia | 17.600 | 0,9% |
| 8. | Thailand | 2.110 | 0,1% |

TOTAL NON-SURGICAL PROCEDURES

| Rank* | Country: | | % of World-Wide Total |
|-------|----------|-----------|-----------------------|
| 1. | USA | 2.747.676 | 21,8% |
| 2. | Japan | 1.384.214 | 11,0% |
| 3. | Brazil | 961.290 | 7,6% |
| 4. | Italy | 650.955 | 5,2% |
| 5. | Mexico | 515.662 | 4,1% |
| 6. | Germany | 413.948 | 3,3% |
| 7. | Colombia | 170.790 | 1,4% |
| 8. | Thailand | 23.056 | 0,2% |

* Rankings are based solely on those countries from which a sufficient survey response was received and data were considered to be representative.

TOTAL PROCEDURES

| Rank* | Country: | | % of World-Wide Total |
|-------|----------|-----------|-----------------------|
| 1. | USA | 4.310.180 | 18,4% |
| 2. | Brazil | 2.427.535 | 10,4% |
| 3. | Japan | 1.678.610 | 7,2% |
| 4. | Mexico | 1.036.618 | 4,4% |
| 5. | Italy | 952.830 | 4,1% |
| 6. | Germany | 704.880 | 3,0% |
| 7. | Colombia | 516.930 | 2,2% |
| 8. | Thailand | 128.398 | 0,5% |

* Rankings are based solely on those countries from which a sufficient survey response was received and data were considered to be representative.



**YEAR-TO-YEAR COMPARISONS:
2017 VS. 2016**

ISAP INTERNATIONAL STUDY ON AESTHETIC/COSMETIC
PROCEDURES PERFORMED IN 2017

TOTAL PROCEDURES DECREASED BY -1% IN 2017

**TOTAL SURGICAL PROCEDURES
INCREASED BY 4% IN 2017**

**TOTAL FACE
AND BODY
PROCEDURES
INCREASED BY**

1%

| | |
|------------------------|------|
| Brow Lift | -6% |
| Ear Surgery | -5% |
| Eyelid Surgery | -1% |
| Facelift | 8% |
| Facial Bone Contouring | -12% |
| Fat Grafting-face | 0% |
| Neck Lift | -1% |
| Rhinoplasty | 11% |
| | 1% |

**TOTAL BREAST
PROCEDURES
INCREASED BY**

4%

| | |
|----------------------------------|-----|
| Breast Augmentation—saline | 13% |
| Breast Augmentation—silicone | 0% |
| Breast Augmentation—fat transfer | -2% |
| Breast Implant Removal | 8% |
| Breast Lift | 12% |
| Breast Reduction | 4% |
| Gynecomastia | 2% |

**TOTAL BODY &
EXTREMITIES
PROCEDURES
INCREASED BY**

7%

| | |
|------------------------------------|-----|
| Abdominoplasty | 3% |
| Buttock Augmentation—implants only | 17% |
| Buttock Augmentation—fat transfer | 11% |
| Buttock Lift | 16% |
| Liposuction | 7% |
| Lower Body Lift | 21% |
| Thigh Lift | 8% |
| Upper Arm Lift | 8% |
| Upper Body Lift | 2% |
| Labioplasty | 0% |
| Vaginal Rejuvenation | 22% |

ISAP INTERNATIONAL STUDY ON AESTHETIC/COSMETIC
PROCEDURES PERFORMED IN 2017

TOTAL PROCEDURES DECREASED BY -1% IN 2017

**TOTAL NON-SURGICAL PROCEDURES
DECREASED BY -5% IN 2017**

**TOTAL FACIAL
REJUVENATION
DECREASED BY**

-20%

| | |
|-----------------------------|------|
| Chemical Peel | -40% |
| Full Field Ablative | -20% |
| Micro-Ablative Resurfacing | 16% |
| Dermabrasion | 0% |
| Microdermabrasion | -27% |
| Nonsurgical Skin Tightening | -16% |
| Photo Rejuvenation | -13% |

**TOTAL
INJECTIBLES
DECREASED BY**

-1%

| | |
|-------------------------|-----|
| Botulinum Toxin | 1% |
| Calcium Hydroxylapatite | 1% |
| Hyaluronic Acid | -3% |
| Poly-L-Lactic Acid | -9% |

| TOTAL PROCEDURES | 2016 | 2017 | % Change (overall volume) | % Change (for average surgeon) |
|---|------------------|------------------|------------------------------|-----------------------------------|
| Estimated Number of Plastic Surgeons | 43.100 | 43.500 | 1% increase | |
| FACE & HEAD | | | | |
| Brow Lift | 261.663 | 249.343 | -5% | -6% |
| Ear Surgery | 298.975 | 287.070 | -4% | -5% |
| Eyelid Surgery | 1.347.509 | 1.346.886 | 0% | -1% |
| Facelift | 427.065 | 465.296 | 9% | 8% |
| Facial Bone Contouring | 109.775 | 98.003 | -11% | -12% |
| Fat Grafting-face | 596.836 | 602.760 | 1% | 0% |
| Neck Lift | 264.050 | 263.219 | 0% | -1% |
| Rhinoplasty | 786.852 | 877.254 | 11% | 11% |
| Total Face & Head Procedures | 4.092.725 | 4.189.830 | 2% | 1% |
| BREAST | | | | |
| Breast Augmentation— saline | 61.780 | 70.683 | 14% | 13% |
| Breast Augmentation—silicone | 1.449.337 | 1.469.606 | 1% | 0% |
| Breast Augmentation—fat transfer | 138.154 | 137.030 | -1% | -2% |
| Breast Implant Removal | 155.453 | 169.553 | 9% | 8% |
| Breast Lift | 583.192 | 657.832 | 13% | 12% |
| Breast Reduction | 465.665 | 489.146 | 5% | 4% |
| Gynecomastia | 236.371 | 243.272 | 3% | 2% |
| Total Breast Procedures | 3.089.952 | 3.237.123 | 5% | 4% |

| TOTAL PROCEDURES | 2016 | 2017 | % Change (overall volume) | % Change (for average surgeon) |
|--|-------------------|-------------------|------------------------------|-----------------------------------|
| BODY & EXTREMITIES | | | | |
| Abdominoplasty | 769.067 | 802.234 | 4% | 3% |
| Buttock Augmentation-implants only | 31.330 | 36.859 | 18% | 17% |
| Buttock Augmentation—fat transfer | 300.791 | 335.637 | 12% | 11% |
| Buttock Lift | 37.157 | 43.364 | 17% | 16% |
| Liposuction | 1,453.340 | 1,573.680 | 8% | 7% |
| Lower Body Lift | 72.253 | 88.029 | 22% | 21% |
| Thigh Lift | 79.476 | 86.728 | 9% | 8% |
| Upper Arm Lift | 125.557 | 137.030 | 9% | 8% |
| Upper Body Lift | 28.595 | 29.488 | 3% | 2% |
| Labiaplasty | 138.033 | 138.765 | 1% | 0% |
| Vaginal Rejuvenation | 55.606 | 68.081 | 22% | 22% |
| Total Body & Extremities Procedures | 3,091.205 | 3,339.895 | 8% | 7% |
| TOTAL SURGICAL PROCEDURES | 10,273.882 | 10,766.848 | 5% | 4% |

| TOTAL PROCEDURES | 2016 | 2017 | % Change (overall volume) | % Change (for average surgeon) |
|----------------------------------|------------------|------------------|------------------------------|-----------------------------------|
| INJECTABLES | | | | |
| Botulinum Toxin | 4.931.577 | 5.033.693 | 2% | 1% |
| Calcium Hydroxylapatite | 164.911 | 167.385 | 2% | 1% |
| Hyaluronic Acid | 3.372.445 | 3.298.266 | -2% | -3% |
| Poly-L-Lactic Acid | 79.664 | 72.852 | -9% | -9% |
| Total Injectables | 8.548.597 | 8.572.196 | 0% | -1% |
| FACIAL REJUVENATION | | | | |
| Chemical Peel | 585.614 | 357.753 | -39% | -40% |
| Full Field Ablative | 210.844 | 170.854 | -19% | -20% |
| Micro-Ablative Resurfacing | 183.432 | 214.652 | 17% | 16% |
| Dermabrasion | 57.334 | 57.674 | 1% | 0% |
| Microdermabrasion | 361.070 | 268.423 | -26% | -27% |
| Nonsurgical Skin Tightening | 511.481 | 436.675 | -15% | -16% |
| Photo Rejuvenation | 623.243 | 545.953 | -12% | -13% |
| Total Facial Rejuvenation | 2.533.017 | 2.051.984 | -19% | -20% |

| TOTAL PROCEDURES | 2016 | 2017 | % Change (overall volume) | % Change (for average surgeon) |
|-------------------------------------|-------------------|-------------------|------------------------------|-----------------------------------|
| OTHER | | | | |
| Cellulite Treatment | 247.696 | 267.556 | 8% | 7% |
| Hair Removal | 1.146.523 | 997.372 | -13% | -14% |
| Nonsurgical Fat Reduction | 433.351 | 478.739 | 10% | 10% |
| Tattoo Removal | 149.533 | 114.047 | -24% | -25% |
| Treatment of Leg Veins | 68.563 | 75.453 | 10% | 9% |
| Sclerotherapy | 69.355 | 66.347 | -4% | -5% |
| Total Other | 2.115.021 | 1.999.514 | -5% | -6% |
| TOTAL NONSURGICAL PROCEDURES | 13.196.634 | 12.623.694 | -4% | -5% |
| TOTAL PROCEDURES | 23.470.517 | 23.390.542 | 0% | -1% |



**COUNTRIES RANKED BY ESTIMATED
NUMBER OF PLASTIC SURGEONS**

| RANK | COUNTRY | PLASTIC SURGEONS | % OF TOTAL |
|------|---------|------------------|------------|
|------|---------|------------------|------------|

| | | | |
|----|----------------|--------------|-------|
| 1 | USA | 6.800 | 15,6% |
| 2 | Brazil | 5.500 | 12,6% |
| 3 | China | 2.800 | 6,4% |
| 4 | Japan | 2.663 | 6,1% |
| 5 | South Korea | 2.330 | 5,4% |
| 6 | India | 2.150 | 4,9% |
| 7 | Mexico | 1.639 | 3,8% |
| 8 | Italy | 1.500 | 3,4% |
| 9 | Turkey | 1.200 | 2,8% |
| 10 | Germany | 1.129 | 2,6% |
| 11 | Spain | 1.114 | 2,6% |
| 12 | Russia | 1.028 | 2,4% |
| 13 | Colombia | 1.000 | 2,3% |
| 14 | France | 925 | 2,1% |
| 15 | Chinese Taipei | 686 | 1,6% |

| RANK | COUNTRY | PLASTIC SURGEONS | % OF TOTAL |
|------|---------|------------------|------------|
|------|---------|------------------|------------|

| | | | |
|----|----------------|------------|------|
| 16 | Venezuela | 586 | 1,3% |
| 17 | United Kingdom | 578 | 1,3% |
| 18 | Argentina | 560 | 1,3% |
| 19 | Egypt | 540 | 1,2% |
| 20 | Canada | 530 | 1,2% |
| 21 | Peru | 507 | 1,2% |
| 22 | Australia | 445 | 1,0% |
| 23 | Thailand | 362 | 0,8% |
| 24 | Iran | 324 | 0,7% |
| 25 | Greece | 322 | 0,7% |
| 26 | Belgium | 300 | 0,7% |
| 27 | Netherlands | 270 | 0,6% |
| 28 | Portugal | 258 | 0,6% |
| 29 | Austria | 241 | 0,6% |
| 30 | Saudi Arabia | 226 | 0,5% |



**PERCENT OF PLASTIC SURGEONS
PERFORMING EACH PROCEDURE**

WORLD-WIDE

PERCENT OF PLASTIC SURGEONS PERFORMING EACH PROCEDURE



SURGICAL PROCEDURES

FACE & HEAD

| | 2016 | 2017 |
|------------------------|------|------|
| Brow Lift | 65% | 63% |
| Ear Surgery | 81% | 77% |
| Eyelid Surgery | 94% | 92% |
| Facelift | 80% | 80% |
| Facial Bone Contouring | 40% | 40% |
| Fat Grafting-face | 77% | 74% |
| Neck Lift | 65% | 63% |
| Rhinoplasty | 81% | 78% |

BREAST

| | 2016 | 2017 |
|----------------------------------|------|------|
| Breast Augmentation— saline | 12% | 15% |
| Breast Augmentation—silicone | 91% | 90% |
| Breast Augmentation—fat transfer | 47% | 49% |
| Breast Implant Removal | 74% | 75% |
| Breast Lift | 85% | 86% |
| Breast Reduction | 85% | 87% |
| Gynecomastia | 81% | 78% |

BODY & EXTREMITIES

| | 2016 | 2017 |
|------------------------------------|------|------|
| Abdominoplasty | 88% | 89% |
| Buttock Augmentation—implants only | 19% | 19% |
| Buttock Augmentation—fat transfer | 54% | 54% |
| Buttock Lift | 24% | 26% |
| Liposuction | 92% | 90% |
| Lower Body Lift | 33% | 34% |
| Thigh Lift | 47% | 49% |
| Upper Arm Lift | 62% | 63% |
| Upper Body Lift | 19% | 20% |
| Labiaplasty | 54% | 54% |
| Vaginal Rejuvenation | 21% | 19% |

NON-SURGICAL PROCEDURES

INJECTABLES

| | 2016 | 2017 |
|-------------------------|------|------|
| Botulinum Toxin | 85% | 83% |
| Calcium Hydroxylapatite | 19% | 20% |
| Hyaluronic Acid | 82% | 78% |
| Poly-L-Lactic Acid | 9% | 12% |

FACIAL REJUVENATION

| | 2016 | 2017 |
|-----------------------------|------|------|
| Chemical Peel | 31% | 31% |
| Full Field Ablative | 21% | 22% |
| Micro-Ablative Resurfacing | 14% | 14% |
| Dermabrasion | 20% | 20% |
| Microdermabrasion | 15% | 14% |
| Nonsurgical Skin Tightening | 21% | 21% |
| Photo Rejuvenation | 17% | 18% |

OTHER

| | 2016 | 2017 |
|---------------------------|------|------|
| Cellulite Treatment | 14% | 13% |
| Hair Removal | 22% | 21% |
| Nonsurgical Fat Reduction | 18% | 19% |
| Tattoo Removal | 23% | 17% |
| Treatment of Leg Veins | 10% | 9% |
| Sclerotherapy | 12% | 12% |

USA

PERCENT OF PLASTIC SURGEONS PERFORMING EACH PROCEDURE



SURGICAL PROCEDURES

FACE & HEAD

| | |
|------------------------|-----|
| Brow Lift | 59% |
| Ear Surgery | 54% |
| Eyelid Surgery | 84% |
| Facelift | 82% |
| Facial Bone Contouring | 39% |
| Fat Grafting-face | 61% |
| Neck Lift | 60% |
| Rhinoplasty | 60% |

BREAST

| | |
|----------------------------------|-----|
| Breast Augmentation— saline | 65% |
| Breast Augmentation—silicone | 86% |
| Breast Augmentation—fat transfer | 40% |
| Breast Implant Removal | 85% |
| Breast Lift | 86% |
| Breast Reduction | 84% |
| Gynecomastia | 72% |

BODY & EXTREMITIES

| | |
|------------------------------------|-----|
| Abdominoplasty | 88% |
| Buttock Augmentation—implants only | 6% |
| Buttock Augmentation—fat transfer | 45% |
| Buttock Lift | 26% |
| Liposuction | 89% |
| Lower Body Lift | 32% |
| Thigh Lift | 41% |
| Upper Arm Lift | 64% |
| Upper Body Lift | 16% |
| Labiaplasty | 36% |
| Vaginal Rejuvenation | 10% |

NON-SURGICAL PROCEDURES

INJECTABLES

| | |
|-------------------------|-----|
| Botulinum Toxin | 77% |
| Calcium Hydroxylapatite | 31% |
| Hyaluronic Acid | 72% |
| Poly-L-Lactic Acid | 28% |

FACIAL REJUVENATION

| | |
|-----------------------------|-----|
| Chemical Peel | 41% |
| Full Field Ablative | 31% |
| Micro-Ablative Resurfacing | 22% |
| Dermabrasion | 19% |
| Microdermabrasion | 20% |
| Nonsurgical Skin Tightening | 20% |
| Photo Rejuvenation | 30% |

OTHER

| | |
|---------------------------|-----|
| Cellulite Treatment | 11% |
| Hair Removal | 23% |
| Nonsurgical Fat Reduction | 27% |
| Tattoo Removal | 10% |
| Treatment of Leg Veins | 9% |
| Sclerotherapy | 13% |

BRAZIL

PERCENT OF PLASTIC SURGEONS PERFORMING EACH PROCEDURE



SURGICAL PROCEDURES

FACE & HEAD

| | |
|------------------------|-----|
| Brow Lift | 64% |
| Ear Surgery | 83% |
| Eyelid Surgery | 91% |
| Facelift | 87% |
| Facial Bone Contouring | 34% |
| Fat Grafting-face | 71% |
| Neck Lift | 72% |
| Rhinoplasty | 87% |

BREAST

| | |
|----------------------------------|-----|
| Breast Augmentation— saline | 3% |
| Breast Augmentation—silicone | 94% |
| Breast Augmentation—fat transfer | 43% |
| Breast Implant Removal | 61% |
| Breast Lift | 89% |
| Breast Reduction | 92% |
| Gynecomastia | 81% |

BODY & EXTREMITIES

| | |
|------------------------------------|-----|
| Abdominoplasty | 93% |
| Buttock Augmentation—implants only | 34% |
| Buttock Augmentation—fat transfer | 75% |
| Buttock Lift | 21% |
| Liposuction | 92% |
| Lower Body Lift | 34% |
| Thigh Lift | 48% |
| Upper Arm Lift | 58% |
| Upper Body Lift | 23% |
| Labiaplasty | 68% |
| Vaginal Rejuvenation | 24% |

NON-SURGICAL PROCEDURES

INJECTABLES

| | |
|-------------------------|-----|
| Botulinum Toxin | 81% |
| Calcium Hydroxylapatite | 10% |
| Hyaluronic Acid | 79% |
| Poly-L-Lactic Acid | 25% |

FACIAL REJUVENATION

| | |
|-----------------------------|-----|
| Chemical Peel | 29% |
| Full Field Ablative | 13% |
| Micro-Ablative Resurfacing | 9% |
| Dermabrasion | 25% |
| Microdermabrasion | 6% |
| Nonsurgical Skin Tightening | 10% |
| Photo Rejuvenation | 11% |

OTHER

| | |
|---------------------------|-----|
| Cellulite Treatment | 19% |
| Hair Removal | 14% |
| Nonsurgical Fat Reduction | 14% |
| Tattoo Removal | 6% |
| Treatment of Leg Veins | 5% |
| Sclerotherapy | 5% |

MEXICO

PERCENT OF PLASTIC SURGEONS PERFORMING EACH PROCEDURE



SURGICAL PROCEDURES

FACE & HEAD

| | |
|------------------------|-----|
| Brow Lift | 79% |
| Ear Surgery | 87% |
| Eyelid Surgery | 96% |
| Facelift | 91% |
| Facial Bone Contouring | 65% |
| Fat Grafting-face | 88% |
| Neck Lift | 82% |
| Rhinoplasty | 96% |

BREAST

| | |
|----------------------------------|-----|
| Breast Augmentation— saline | 4% |
| Breast Augmentation—silicone | 97% |
| Breast Augmentation—fat transfer | 50% |
| Breast Implant Removal | 82% |
| Breast Lift | 93% |
| Breast Reduction | 90% |
| Gynecomastia | 90% |

BODY & EXTREMITIES

| | |
|------------------------------------|-----|
| Abdominoplasty | 97% |
| Buttock Augmentation—implants only | 42% |
| Buttock Augmentation—fat transfer | 91% |
| Buttock Lift | 41% |
| Liposuction | 96% |
| Lower Body Lift | 48% |
| Thigh Lift | 55% |
| Upper Arm Lift | 79% |
| Upper Body Lift | 29% |
| Labiaplasty | 64% |
| Vaginal Rejuvenation | 28% |

NON-SURGICAL PROCEDURES

INJECTABLES

| | |
|-------------------------|-----|
| Botulinum Toxin | 96% |
| Calcium Hydroxylapatite | 29% |
| Hyaluronic Acid | 86% |
| Poly-L-Lactic Acid | 6% |

FACIAL REJUVENATION

| | |
|-----------------------------|-----|
| Chemical Peel | 28% |
| Full Field Ablative | 16% |
| Micro-Ablative Resurfacing | 15% |
| Dermabrasion | 18% |
| Microdermabrasion | 25% |
| Nonsurgical Skin Tightening | 25% |
| Photo Rejuvenation | 13% |

OTHER

| | |
|---------------------------|-----|
| Cellulite Treatment | 21% |
| Hair Removal | 18% |
| Nonsurgical Fat Reduction | 18% |
| Tattoo Removal | 20% |
| Treatment of Leg Veins | 11% |
| Sclerotherapy | 11% |

ITALY

PERCENT OF PLASTIC SURGEONS PERFORMING EACH PROCEDURE



SURGICAL PROCEDURES

FACE & HEAD

| | |
|------------------------|-----|
| Brow Lift | 51% |
| Ear Surgery | 92% |
| Eyelid Surgery | 98% |
| Facelift | 75% |
| Facial Bone Contouring | 31% |
| Fat Grafting-face | 78% |
| Neck Lift | 55% |
| Rhinoplasty | 80% |

BREAST

| | |
|----------------------------------|-----|
| Breast Augmentation— saline | 2% |
| Breast Augmentation—silicone | 90% |
| Breast Augmentation—fat transfer | 53% |
| Breast Implant Removal | 82% |
| Breast Lift | 92% |
| Breast Reduction | 86% |
| Gynecomastia | 86% |

BODY & EXTREMITIES

| | |
|------------------------------------|-----|
| Abdominoplasty | 92% |
| Buttock Augmentation—implants only | 8% |
| Buttock Augmentation—fat transfer | 43% |
| Buttock Lift | 24% |
| Liposuction | 96% |
| Lower Body Lift | 24% |
| Thigh Lift | 55% |
| Upper Arm Lift | 67% |
| Upper Body Lift | 18% |
| Labiaplasty | 59% |
| Vaginal Rejuvenation | 16% |

NON-SURGICAL PROCEDURES

INJECTABLES

| | |
|-------------------------|-----|
| Botulinum Toxin | 94% |
| Calcium Hydroxylapatite | 45% |
| Hyaluronic Acid | 94% |
| Poly-L-Lactic Acid | 14% |

FACIAL REJUVENATION

| | |
|-----------------------------|-----|
| Chemical Peel | 65% |
| Full Field Ablative | 25% |
| Micro-Ablative Resurfacing | 16% |
| Dermabrasion | 14% |
| Microdermabrasion | 4% |
| Nonsurgical Skin Tightening | 25% |
| Photo Rejuvenation | 14% |

OTHER

| | |
|---------------------------|-----|
| Cellulite Treatment | 35% |
| Hair Removal | 22% |
| Nonsurgical Fat Reduction | 22% |
| Tattoo Removal | 20% |
| Treatment of Leg Veins | 14% |
| Sclerotherapy | 20% |

GERMANY

PERCENT OF PLASTIC SURGEONS PERFORMING EACH PROCEDURE



SURGICAL PROCEDURES

FACE & HEAD

| | |
|------------------------|-----|
| Brow Lift | 68% |
| Ear Surgery | 71% |
| Eyelid Surgery | 95% |
| Facelift | 79% |
| Facial Bone Contouring | 37% |
| Fat Grafting-face | 71% |
| Neck Lift | 68% |
| Rhinoplasty | 47% |

BREAST

| | |
|----------------------------------|-----|
| Breast Augmentation— saline | 0% |
| Breast Augmentation—silicone | 84% |
| Breast Augmentation—fat transfer | 63% |
| Breast Implant Removal | 76% |
| Breast Lift | 79% |
| Breast Reduction | 84% |
| Gynecomastia | 79% |

BODY & EXTREMITIES

| | |
|------------------------------------|-----|
| Abdominoplasty | 89% |
| Buttock Augmentation—implants only | 5% |
| Buttock Augmentation—fat transfer | 47% |
| Buttock Lift | 34% |
| Liposuction | 89% |
| Lower Body Lift | 39% |
| Thigh Lift | 63% |
| Upper Arm Lift | 74% |
| Upper Body Lift | 26% |
| Labiaplasty | 58% |
| Vaginal Rejuvenation | 16% |

NON-SURGICAL PROCEDURES

INJECTABLES

| | |
|-------------------------|-----|
| Botulinum Toxin | 95% |
| Calcium Hydroxylapatite | 26% |
| Hyaluronic Acid | 92% |
| Poly-L-Lactic Acid | 11% |

FACIAL REJUVENATION

| | |
|-----------------------------|-----|
| Chemical Peel | 21% |
| Full Field Ablative | 11% |
| Micro-Ablative Resurfacing | 8% |
| Dermabrasion | 24% |
| Microdermabrasion | 24% |
| Nonsurgical Skin Tightening | 24% |
| Photo Rejuvenation | 5% |

OTHER

| | |
|---------------------------|-----|
| Cellulite Treatment | 16% |
| Hair Removal | 8% |
| Nonsurgical Fat Reduction | 29% |
| Tattoo Removal | 18% |
| Treatment of Leg Veins | 5% |
| Sclerotherapy | 16% |

COLOMBIA

PERCENT OF PLASTIC SURGEONS PERFORMING EACH PROCEDURE



SURGICAL PROCEDURES

FACE & HEAD

| | |
|------------------------|-----|
| Brow Lift | 70% |
| Ear Surgery | 94% |
| Eyelid Surgery | 99% |
| Facelift | 87% |
| Facial Bone Contouring | 57% |
| Fat Grafting-face | 90% |
| Neck Lift | 79% |
| Rhinoplasty | 96% |

BREAST

| | |
|----------------------------------|------|
| Breast Augmentation— saline | 1% |
| Breast Augmentation—silicone | 100% |
| Breast Augmentation—fat transfer | 31% |
| Breast Implant Removal | 87% |
| Breast Lift | 96% |
| Breast Reduction | 97% |
| Gynecomastia | 85% |

BODY & EXTREMITIES

| | |
|------------------------------------|-----|
| Abdominoplasty | 99% |
| Buttock Augmentation—implants only | 57% |
| Buttock Augmentation—fat transfer | 81% |
| Buttock Lift | 22% |
| Liposuction | 99% |
| Lower Body Lift | 42% |
| Thigh Lift | 61% |
| Upper Arm Lift | 67% |
| Upper Body Lift | 31% |
| Labiaplasty | 73% |
| Vaginal Rejuvenation | 36% |

NON-SURGICAL PROCEDURES

INJECTABLES

| | |
|-------------------------|-----|
| Botulinum Toxin | 97% |
| Calcium Hydroxylapatite | 19% |
| Hyaluronic Acid | 93% |
| Poly-L-Lactic Acid | 3% |

FACIAL REJUVENATION

| | |
|-----------------------------|-----|
| Chemical Peel | 22% |
| Full Field Ablative | 24% |
| Micro-Ablative Resurfacing | 18% |
| Dermabrasion | 24% |
| Microdermabrasion | 19% |
| Nonsurgical Skin Tightening | 24% |
| Photo Rejuvenation | 7% |

OTHER

| | |
|---------------------------|-----|
| Cellulite Treatment | 16% |
| Hair Removal | 15% |
| Nonsurgical Fat Reduction | 12% |
| Tattoo Removal | 16% |
| Treatment of Leg Veins | 7% |
| Sclerotherapy | 4% |

THAILAND

PERCENT OF PLASTIC SURGEONS PERFORMING EACH PROCEDURE



SURGICAL PROCEDURES

FACE & HEAD

| | |
|------------------------|-----|
| Brow Lift | 83% |
| Ear Surgery | 85% |
| Eyelid Surgery | 98% |
| Facelift | 80% |
| Facial Bone Contouring | 68% |
| Fat Grafting-face | 73% |
| Neck Lift | 76% |
| Rhinoplasty | 95% |

BREAST

| | |
|----------------------------------|-----|
| Breast Augmentation— saline | 2% |
| Breast Augmentation—silicone | 85% |
| Breast Augmentation—fat transfer | 24% |
| Breast Implant Removal | 68% |
| Breast Lift | 76% |
| Breast Reduction | 76% |
| Gynecomastia | 61% |

BODY & EXTREMITIES

| | |
|------------------------------------|-----|
| Abdominoplasty | 76% |
| Buttock Augmentation—implants only | 10% |
| Buttock Augmentation—fat transfer | 20% |
| Buttock Lift | 15% |
| Liposuction | 78% |
| Lower Body Lift | 32% |
| Thigh Lift | 27% |
| Upper Arm Lift | 44% |
| Upper Body Lift | 22% |
| Labiaplasty | 51% |
| Vaginal Rejuvenation | 5% |

NON-SURGICAL PROCEDURES

INJECTABLES

| | |
|-------------------------|-----|
| Botulinum Toxin | 63% |
| Calcium Hydroxylapatite | 2% |
| Hyaluronic Acid | 34% |
| Poly-L-Lactic Acid | 2% |

FACIAL REJUVENATION

| | |
|-----------------------------|-----|
| Chemical Peel | 2% |
| Full Field Ablative | 5% |
| Micro-Ablative Resurfacing | 0% |
| Dermabrasion | 7% |
| Microdermabrasion | 0% |
| Nonsurgical Skin Tightening | 2% |
| Photo Rejuvenation | 12% |

OTHER

| | |
|---------------------------|-----|
| Cellulite Treatment | 0% |
| Hair Removal | 12% |
| Nonsurgical Fat Reduction | 2% |
| Tattoo Removal | 15% |
| Treatment of Leg Veins | 10% |
| Sclerotherapy | 17% |



**COUNTRIES BY TOTAL NUMBER OF
PROCEDURES - 2017**

| RANK* | COUNTRY | TOTAL SURGICAL PROCEDURES | % OF TOTAL SURGICAL PROCEDURES | TOTAL NONSURGICAL PROCEDURES | % OF TOTAL NON-SURGICAL PROCEDURES | TOTAL PROCEDURES | % OF TOTAL PROCEDURES |
|-------|----------|---------------------------|--------------------------------|------------------------------|------------------------------------|------------------|-----------------------|
| 1 | USA | 1.562.504 | 14,5% | 2.747.676 | 21,8% | 4.310.180 | 18,4% |
| 2 | Brazil | 1.466.245 | 13,6% | 961.290 | 7,6% | 2.427.535 | 10,4% |
| 3 | Japan | 294.396 | 2,7% | 1.384.214 | 11,0% | 1.678.610 | 7,2% |
| 4 | Mexico | 520.956 | 4,8% | 515.662 | 4,1% | 1.036.618 | 4,4% |
| 5 | Italy | 301.875 | 2,8% | 650.955 | 5,2% | 952.830 | 4,1% |
| 6 | Germany | 290.932 | 2,7% | 413.948 | 3,3% | 704.880 | 3,0% |
| 7 | Colombia | 346.140 | 3,2% | 170.790 | 1,4% | 516.930 | 2,2% |
| 8 | Thailand | 105.342 | 1,0% | 23.056 | 0,2% | 128.398 | 0,5% |

* Rankings are based solely on those countries from which a sufficient survey response was received and data were considered to be representative.



**NUMBER OF WORLD-WIDE SURGICAL
PROCEDURES PERFORMED BY
PLASTIC SURGEONS**

| RANK* | SURGICAL PROCEDURES | TOTAL | PERCENT OF TOTAL SURGICAL PROCEDURES |
|-------|-----------------------------------|-----------|--------------------------------------|
| 1 | Breast Augmentation | 1.677.320 | 15,6% |
| 2 | Liposuction | 1.573.680 | 14,6% |
| 3 | Eyelid Surgery | 1.346.886 | 12,5% |
| 4 | Rhinoplasty | 877.254 | 8,1% |
| 5 | Abdominoplasty | 802.234 | 7,5% |
| 6 | Breast Lift | 657.832 | 6,1% |
| 7 | Fat Grafting-face | 602.760 | 5,6% |
| 8 | Breast Reduction | 489.146 | 4,5% |
| 9 | Facelift | 465.296 | 4,3% |
| 10 | Buttock Augmentation–fat transfer | 335.637 | 3,1% |
| 11 | Ear Surgery | 287.070 | 2,7% |
| 12 | Neck Lift | 263.219 | 2,4% |

| RANK* | SURGICAL PROCEDURES | TOTAL | PERCENT OF TOTAL SURGICAL PROCEDURES |
|-------|------------------------------------|---------|--------------------------------------|
| 13 | Brow Lift | 249.343 | 2,3% |
| 14 | Gynecomastia | 243.272 | 2,3% |
| 15 | Breast Implant Removal | 169.553 | 1,6% |
| 16 | Labiaplasty | 138.765 | 1,3% |
| 17 | Upper Arm Lift | 137.030 | 1,3% |
| 18 | Facial Bone Contouring | 98.003 | 0,9% |
| 19 | Lower Body Lift | 88.029 | 0,8% |
| 20 | Thigh Lift | 86.728 | 0,8% |
| 21 | Vaginal Rejuvenation | 68.081 | 0,6% |
| 22 | Buttock Lift | 43.364 | 0,4% |
| 23 | Buttock Augmentation-implants only | 36.859 | 0,3% |
| 24 | Upper Body Lift | 29.488 | 0,3% |

TOTAL SURGICAL PROCEDURES

10.766.848



**NUMBER OF WORLD-WIDE
NON-SURGICAL PROCEDURES
PERFORMED BY PLASTIC SURGEONS**

| RANK* | NONSURGICAL PROCEDURES | TOTAL | PERCENT OF TOTAL NONSURGICAL PROCEDURES |
|-------|---------------------------------------|-----------|---|
| 1 | Botulinum Toxin | 5.033.693 | 39,9% |
| 2 | Hyaluronic Acid | 3.298.266 | 26,1% |
| 3 | Hair Removal | 997.372 | 7,9% |
| 4 | Photo Rejuvenation | 545.953 | 4,3% |
| 5 | Nonsurgical Fat Reduction | 478.739 | 3,8% |
| 6 | Nonsurgical Skin Tightening | 436.675 | 3,5% |
| 7 | Chemical Peel | 357.753 | 2,8% |
| 8 | Microdermabrasion | 268.423 | 2,1% |
| 9 | Cellulite Treatment | 267.556 | 2,1% |
| 10 | Buttock Augmentation— fat transfer | 335.637 | 3,1% |

| RANK* | NONSURGICAL PROCEDURES | TOTAL | PERCENT OF TOTAL NONSURGICAL PROCEDURES |
|-------------------------------------|-------------------------|---------|---|
| 11 | Full Field Ablative | 170.854 | 1,4% |
| 12 | Calcium Hydroxylapatite | 167.385 | 1,3% |
| 13 | Tattoo Removal | 114.047 | 0,9% |
| 14 | Treatment of Leg Veins | 75.453 | 0,6% |
| 15 | Poly-L-Lactic Acid | 72.852 | 0,6% |
| 16 | Sclerotherapy | 66.347 | 0,5% |
| 17 | Dermabrasion | 57.674 | 0,5% |
| TOTAL NONSURGICAL PROCEDURES | | | 12.623.694 |



**COUNTRIES PERFORMING MOST
POPULAR SURGICAL PROCEDURES**

BREAST AUGMENTATION

| RANK* | COUNTRY | NUMBER OF PROCEDURES | PERCENTAGE OF TOTAL |
|-------|----------|----------------------|---------------------|
| 1 | USA | 345.236 | 20,6% |
| 2 | Brazil | 235.950 | 14,1% |
| 3 | Mexico | 67.478 | 4,0% |
| 4 | Italy | 54.045 | 3,2% |
| 5 | Germany | 46.165 | 2,8% |
| 6 | Colombia | 45.570 | 2,7% |
| 7 | Thailand | 14.614 | 0,9% |
| 8 | Japan | 7.751 | 0,5% |

LIPOSUCTION

| RANK* | COUNTRY | NUMBER OF PROCEDURES | PERCENTAGE OF TOTAL |
|-------|----------|----------------------|---------------------|
| 1 | USA | 273.700 | 17,4% |
| 2 | Brazil | 211.035 | 13,4% |
| 3 | Mexico | 73.231 | 4,7% |
| 4 | Colombia | 65.700 | 4,2% |
| 5 | Germany | 45.871 | 2,9% |
| 6 | Italy | 40.125 | 2,5% |
| 7 | Japan | 10.703 | 0,7% |
| 8 | Thailand | 9.264 | 0,6% |

* Rankings are based solely on those countries from which a sufficient survey response was received and data were considered to be representative.

EYELID SURGERY

| RANK* | COUNTRY | NUMBER OF PROCEDURES | PERCENTAGE OF TOTAL |
|-------|----------|----------------------|---------------------|
| 1 | Japan | 187.326 | 13,9% |
| 2 | Brazil | 159.720 | 11,9% |
| 3 | USA | 149.736 | 11,1% |
| 4 | Mexico | 52.546 | 3,9% |
| 5 | Germany | 46.086 | 3,4% |
| 6 | Italy | 45.270 | 3,4% |
| 7 | Colombia | 26.820 | 2,0% |
| 8 | Thailand | 19.743 | 1,5% |

RHINOPLASTY

| RANK* | COUNTRY | NUMBER OF PROCEDURES | PERCENTAGE OF TOTAL |
|-------|----------|----------------------|---------------------|
| 1 | Brazil | 74.470 | 8,5% |
| 2 | Mexico | 55.677 | 6,3% |
| 3 | USA | 44.676 | 5,1% |
| 4 | Japan | 36.721 | 4,2% |
| 5 | Italy | 26.880 | 3,1% |
| 6 | Colombia | 24.300 | 2,8% |
| 7 | Thailand | 21.260 | 2,4% |
| 8 | Germany | 11.166 | 1,3% |

* Rankings are based solely on those countries from which a sufficient survey response was received and data were considered to be representative.

ABDOMINOPLASTY

| RANK* | COUNTRY | NUMBER OF PROCEDURES | PERCENTAGE OF TOTAL |
|-------|----------|----------------------|---------------------|
| 1 | USA | 142.460 | 17,8% |
| 2 | Brazil | 121.385 | 15,1% |
| 3 | Mexico | 36.386 | 4,5% |
| 4 | Colombia | 31.360 | 3,9% |
| 5 | Italy | 19.875 | 2,5% |
| 6 | Germany | 18.120 | 2,3% |
| 7 | Thailand | 4.380 | 0,5% |
| 8 | Japan | 123 | 0,0% |

* Rankings are based solely on those countries from which a sufficient survey response was received and data were considered to be representative.



**2017 GENDER DISTRIBUTION FOR
COSMETIC PROCEDURES**

The following list includes both surgical and nonsurgical cosmetic procedures.

dna = Does not apply

| PROCEDURE | FEMALE (NUMBER OF PROCEDURES) | PERCENT OF TOTAL | RANK WITHIN CATEGORY (SURGICAL/ NONSURGICAL) | MALE (NUMBER OF PROCEDURES) | PERCENT OF TOTAL | RANK WITHIN CATEGORY (SURGICAL/ NONSURGICAL) |
|------------------------------------|-------------------------------------|---------------------|---|-----------------------------------|---------------------|---|
| SURGICAL PROCEDURES: | | | | | | |
| Abdominoplasty | 726.781 | 90,6% | 4 | 75.453 | 9,4% | 7 |
| Breast Augmentation— saline | 70.683 | 100,0% | 21 | 0 | 0,0% | 22 |
| Breast Augmentation—fat transfer | 133.127 | 97,2% | 16 | 3.903 | 2,8% | 19 |
| Breast Augmentation—silicone | 1.462.234 | 99,5% | 1 | 7.372 | 0,5% | 14 |
| Breast Implant Removal | 167.385 | 98,7% | 14 | 2.168 | 1,3% | 21 |
| Breast Lift | 657.832 | 100,0% | 5 | dna | dna | dna |
| Breast Reduction | 489.146 | 100,0% | 8 | dna | dna | dna |
| Brow Lift | 199.908 | 80,2% | 12 | 49.435 | 19,8% | 10 |
| Buttock Augmentation—fat transfer | 318.725 | 95,0% | 10 | 16.912 | 5,0% | 13 |
| Buttock Augmentation-implants only | 34.258 | 92,9% | 24 | 2.602 | 7,1% | 20 |
| Buttock Lift | 38.160 | 88,0% | 23 | 5.204 | 12,0% | 18 |
| Ear Surgery | 172.155 | 60,0% | 13 | 114.915 | 40,0% | 5 |
| Eyelid Surgery | 1.054.179 | 78,3% | 3 | 292.707 | 21,7% | 1 |
| Facelift | 398.515 | 85,6% | 9 | 66.781 | 14,4% | 8 |
| Facial Bone Contouring | 72.418 | 73,9% | 19 | 25.585 | 26,1% | 11 |
| Fat Grafting-face | 505.624 | 83,9% | 7 | 97.135 | 16,1% | 6 |
| Gynecomastia | dna | dna | dna | 243.272 | 100,0% | 2 |
| Labiaplasty | 138.765 | 100,0% | 15 | dna | dna | dna |

The following list includes both surgical and nonsurgical cosmetic procedures.

dna = Does not apply

| PROCEDURE | FEMALE (NUMBER OF PROCEDURES) | PERCENT OF TOTAL | RANK WITHIN CATEGORY (SURGICAL/ NONSURGICAL) | MALE (NUMBER OF PROCEDURES) | PERCENT OF TOTAL | RANK WITHIN CATEGORY (SURGICAL/ NONSURGICAL) |
|-------------------------------------|-------------------------------------|---------------------|---|-----------------------------------|---------------------|---|
| SURGICAL PROCEDURES: | | | | | | |
| Liposuction | 1.336.478 | 84,9% | 2 | 237.201 | 15,1% | 3 |
| Lower Body Lift | 70.683 | 80,3% | 20 | 17.346 | 19,7% | 12 |
| Neck Lift | 212.484 | 80,7% | 11 | 50.736 | 19,3% | 9 |
| Rhinoplasty | 654.796 | 74,6% | 6 | 222.457 | 25,4% | 4 |
| Thigh Lift | 80.223 | 92,5% | 18 | 6.505 | 7,5% | 16 |
| Upper Arm Lift | 130.092 | 94,9% | 17 | 6.938 | 5,1% | 15 |
| Upper Body Lift | 23.850 | 80,9% | 25 | 5.637 | 19,1% | 17 |
| Vaginal Rejuvenation | 68.081 | 100,0% | 22 | dna | dna | dna |
| Totals - Surgical Procedures | 9.216.585 | 85,6% | | 1.550.263 | 14,4% | |

The following list includes both surgical and nonsurgical cosmetic procedures.

dna = Does not apply

| PROCEDURE | FEMALE (NUMBER OF PROCEDURES) | PERCENT OF TOTAL | RANK WITHIN CATEGORY (SURGICAL/ NONSURGICAL) | MALE (NUMBER OF PROCEDURES) | PERCENT OF TOTAL | RANK WITHIN CATEGORY (SURGICAL/ NONSURGICAL) |
|--|-------------------------------------|---------------------|---|-----------------------------------|---------------------|---|
| NON-SURGICAL PROCEDURES: | | | | | | |
| Botulinum Toxin | 4.377.596 | 87,0% | 1 | 656.097 | 13,0% | 11 |
| Calcium Hydroxylapatite | 141.800 | 84,7% | 12 | 25.585 | 15,3% | 12 |
| Cellulite Treatment | 255.848 | 95,6% | 8 | 11.708 | 4,4% | 14 |
| Chemical Peel | 324.363 | 90,7% | 7 | 33.390 | 9,3% | 10 |
| Dermabrasion | 45.532 | 78,9% | 17 | 12.142 | 21,1% | 13 |
| Full Field Ablative | 142.668 | 83,5% | 11 | 28.187 | 16,5% | 11 |
| Hair Removal | 830.854 | 83,3% | 3 | 166.518 | 16,7% | 3 |
| Hyaluronic Acid | 2.954.389 | 89,6% | 2 | 343.877 | 10,4% | 2 |
| Micro-Ablative Resurfacing | 179.093 | 83,4% | 10 | 35.558 | 16,6% | 9 |
| Microdermabrasion | 232.431 | 86,6% | 9 | 35.992 | 13,4% | 8 |
| Nonsurgical Fat Reduction | 403.285 | 84,2% | 5 | 75.453 | 15,8% | 5 |
| Nonsurgical Skin Tightening | 386.807 | 88,6% | 6 | 49.869 | 11,4% | 6 |
| Photo Rejuvenation | 457.057 | 83,7% | 4 | 88.896 | 16,3% | 4 |
| Poly-L-Lactic Acid | 63.311 | 86,9% | 15 | 9.540 | 13,1% | 15 |
| Sclerotherapy | 61.577 | 92,8% | 16 | 4.770 | 7,2% | 17 |
| Tattoo Removal | 67.648 | 59,3% | 13 | 46.399 | 40,7% | 7 |
| Treatment of Leg Veins | 66.347 | 87,9% | 14 | 9.106 | 12,1% | 16 |
| Totals - Non-Surgical Procedure | 10.990.606 | 87,1% | | 1.633.088 | 12,9% | |
| TOTALS ALL PROCEDURES | 20.207.190 | 86,4% | | 3.183.351 | 13,6% | |



**MOST COMMON PROCEDURES
BY COUNTRY**

USA **TOTAL**

Surgical Procedures

| | |
|---------------------|---------|
| Breast Augmentation | 345.236 |
| Liposuction | 273.700 |
| Eyelid Surgery | 149.736 |
| Abdominoplasty | 142.460 |
| Breast Lift | 139.672 |

Non-Surgical Procedures

| | |
|---------------------------|-----------|
| Botulinum Toxin | 1.150.560 |
| Hyaluronic Acid | 676.396 |
| Hair Removal | 177.140 |
| Nonsurgical Fat Reduction | 172.380 |
| Photo Rejuvenation | 117.436 |

BRAZIL **TOTAL**

Surgical Procedures

| | |
|---------------------|---------|
| Breast Augmentation | 235.950 |
| Liposuction | 211.035 |
| Eyelid Surgery | 159.720 |
| Abdominoplasty | 121.385 |
| Breast Lift | 104.995 |

Non-Surgical Procedures

| | |
|---------------------|---------|
| Botulinum Toxin | 399.905 |
| Hyaluronic Acid | 254.375 |
| Hair Removal | 57.255 |
| Cellulite Treatment | 48.070 |
| Photo Rejuvenation | 38.940 |

JAPAN

TOTAL

Surgical Procedures

Eyelid Surgery 187.326

Rhinoplasty 36.721

Facelift 34.510

Liposuction 10.703

Breast Augmentation 7.751

Non-Surgical Procedures

Hyaluronic Acid 449.424

Hair Removal 344.582

Botulinum Toxin 253.848

Nonsurgical Fat Reduction 93.362

Photo Rejuvenation 87.309

MEXICO

TOTAL

Surgical Procedures

Liposuction 73.231

Breast Augmentation 67.478

Rhinoplasty 55.677

Eyelid Surgery 52.546

Abdominoplasty 36.386

Non-Surgical Procedures

Botulinum Toxin 228.362

Hyaluronic Acid 107.945

Nonsurgical Skin Tightening 32.649

Hair Removal 29.207

Microdermabrasion 21.127

ITALY

TOTAL

Surgical Procedures

Breast Augmentation 54.045

Eyelid Surgery 45.270

Liposuction 40.125

Rhinoplasty 26.880

Fat Grafting-face 21.060

Non-Surgical Procedures

Botulinum Toxin 254.055

Hyaluronic Acid 242.355

Hair Removal 28.905

Chemical Peel 25.200

Cellulite Treatment 20.235

GERMANY

TOTAL

Surgical Procedures

Breast Augmentation 46.165

Eyelid Surgery 46.086

Liposuction 45.871

Abdominoplasty 18.120

Breast Lift 16.732

Non-Surgical Procedures

Botulinum Toxin 220.211

Hyaluronic Acid 137.919

Nonsurgical Fat Reduction 10.635

Microdermabrasion 8.705

Nonsurgical Skin Tightening 7.722

COLUMBIA

TOTAL

Surgical Procedures

Liposuction 65.700

Breast Augmentation 45.570

Abdominoplasty 31.360

Buttock Augmentation—fat transfer 28.940

Eyelid Surgery 26.820

Non-Surgical Procedures

Botulinum Toxin 82.120

Hyaluronic Acid 40.600

Microdermabrasion 8.720

Hair Removal 6.030

Nonsurgical Fat Reduction 5.580

THAILAND

TOTAL

Surgical Procedures

Rhinoplasty 21.260

Eyelid Surgery 19.743

Breast Augmentation 14.614

Liposuction 9.264

Fat Grafting-face 5.043

Non-Surgical Procedures

Botulinum Toxin 13.253

Hyaluronic Acid 3.417

Photo Rejuvenation 3.330

Hair Removal 1.079

Nonsurgical Fat Reduction 510



**COUNTRIES PERFORMING
MOST POPULAR NON-SURGICAL
PROCEDURES**

BOTULINUM TOXIN

| RANK* | COUNTRY | NUMBER OF PROCEDURES | PERCENTAGE OF TOTAL |
|-------|----------|----------------------|---------------------|
| 1 | USA | 1.150.560 | 22,9% |
| 2 | Brazil | 399.905 | 7,9% |
| 3 | Italy | 254.055 | 5,0% |
| 4 | Japan | 253.848 | 5,0% |
| 5 | Mexico | 228.362 | 4,5% |
| 6 | Germany | 220.211 | 4,4% |
| 7 | Colombia | 82.120 | 1,6% |
| 8 | Thailand | 13.253 | 0,3% |

HYALURONIC ACID

| RANK* | COUNTRY | NUMBER OF PROCEDURES | PERCENTAGE OF TOTAL |
|-------|----------|----------------------|---------------------|
| 1 | USA | 676.396 | 20,5% |
| 2 | Japan | 449.424 | 13,6% |
| 3 | Brazil | 254.375 | 7,7% |
| 4 | Italy | 242.355 | 7,3% |
| 5 | Germany | 137.919 | 4,2% |
| 6 | Mexico | 107.945 | 3,3% |
| 7 | Colombia | 40.600 | 1,2% |
| 8 | Thailand | 3.417 | 0,1% |

* Rankings are based solely on those countries from which a sufficient survey response was received and data were considered to be representative.

HAIR REMOVAL

| RANK* | COUNTRY | NUMBER OF PROCEDURES | PERCENTAGE OF TOTAL |
|-------|----------|----------------------|---------------------|
| 1 | Japan | 344.582 | 34,5% |
| 2 | USA | 177.140 | 17,8% |
| 3 | Brazil | 57.255 | 5,7% |
| 4 | Mexico | 29.207 | 2,9% |
| 5 | Italy | 28.905 | 2,9% |
| 6 | Colombia | 6.030 | 0,6% |
| 7 | Germany | 3.590 | 0,4% |
| 8 | Thailand | 1.079 | 0,1% |

PHOTO REJUVENATION

| RANK* | COUNTRY | NUMBER OF PROCEDURES | PERCENTAGE OF TOTAL |
|-------|----------|----------------------|---------------------|
| 1 | USA | 117.436 | 21,5% |
| 2 | Japan | 87.309 | 16,0% |
| 3 | Brazil | 38.940 | 7,1% |
| 4 | Mexico | 14.882 | 2,7% |
| 5 | Italy | 5.880 | 1,1% |
| 6 | Thailand | 3.330 | 0,6% |
| 7 | Colombia | 2.510 | 0,5% |
| 8 | Germany | 1.129 | 0,2% |

* Rankings are based solely on those countries from which a sufficient survey response was received and data were considered to be representative.

NONSURGICAL FAT REDUCTION

| RANK* | COUNTRY | NUMBER OF PROCEDURES | PERCENTAGE OF TOTAL |
|-------|----------|----------------------|---------------------|
| 1 | USA | 172.380 | 36,0% |
| 2 | Japan | 93.362 | 19,5% |
| 3 | Brazil | 23.925 | 5,0% |
| 4 | Mexico | 15.013 | 3,1% |
| 5 | Italy | 11.145 | 2,3% |
| 6 | Germany | 10.635 | 2,2% |
| 7 | Colombia | 5.580 | 1,2% |
| 8 | Thailand | 510 | 0,1% |

* Rankings are based solely on those countries from which a sufficient survey response was received and data were considered to be representative.



**SURGICAL PROCEDURE GROUP
RANKING BY COUNTRY**

USA

| RANK* | COUNTRY | TOTAL | % OF TOTAL |
|-------|-------------------------------------|---------|------------|
| 1 | Total Breast Procedures | 629.476 | 40,3% |
| 2 | Total Body & Extremities Procedures | 512.584 | 32,8% |
| 3 | Total Face & Head Procedures | 420.444 | 26,9% |

MEXICO

| RANK* | COUNTRY | TOTAL | % OF TOTAL |
|-------|-------------------------------------|---------|------------|
| 1 | Total Face & Head Procedures | 212.464 | 40,8% |
| 2 | Total Body & Extremities Procedures | 180.356 | 34,6% |
| 3 | Total Breast Procedures | 128.137 | 24,6% |

BRAZIL

| RANK* | COUNTRY | TOTAL | % OF TOTAL |
|-------|-------------------------------------|---------|------------|
| 1 | Total Face & Head Procedures | 511.390 | 34,9% |
| 2 | Total Body & Extremities Procedures | 481.965 | 32,9% |
| 3 | Total Breast Procedures | 472.890 | 32,3% |

COLUMBIA

| RANK* | COUNTRY | TOTAL | % OF TOTAL |
|-------|-------------------------------------|---------|------------|
| 1 | Total Body & Extremities Procedures | 150.210 | 43,4% |
| 2 | Total Face & Head Procedures | 103.980 | 30,0% |
| 3 | Total Breast Procedures | 91.950 | 26,6% |

* Percentage reflects portion of country's total surgical procedures

ITALY

| RANK* | COUNTRY | TOTAL | % OF TOTAL |
|-------|-------------------------------------|---------|------------|
| 1 | Total Face & Head Procedures | 126.690 | 42,0% |
| 2 | Total Breast Procedures | 94.845 | 31,4% |
| 3 | Total Body & Extremities Procedures | 80.340 | 26,6% |

JAPAN

| RANK* | COUNTRY | TOTAL | % OF TOTAL |
|-------|-------------------------------------|---------|------------|
| 1 | Total Face & Head Procedures | 270.014 | 91,7% |
| 2 | Total Body & Extremities Procedures | 9.318 | 5,1% |
| 3 | Total Breast Procedures | 15.065 | 3,2% |

GERMANY

| RANK* | COUNTRY | TOTAL | % OF TOTAL |
|-------|-------------------------------------|---------|------------|
| 1 | Total Face & Head Procedures | 110.190 | 37,9% |
| 2 | Total Body & Extremities Procedures | 90.817 | 31,2% |
| 3 | Total Breast Procedures | 89.925 | 30,9% |

THAILAND

| RANK* | COUNTRY | TOTAL | % OF TOTAL |
|-------|-------------------------------------|--------|------------|
| 1 | Total Face & Head Procedures | 62.257 | 59,1% |
| 2 | Total Breast Procedures | 24.200 | 23,0% |
| 3 | Total Body & Extremities Procedures | 18.886 | 17,9% |

* Percentage reflects portion of country's total surgical procedures



**NON-SURGICAL PROCEDURE GROUP
RANKING BY COUNTRY**

USA

| RANK* | COUNTRY | TOTAL | % OF TOTAL |
|-------|---------------------------|-----------|------------|
| 1 | Total Injectables | 1.903.660 | 69,3% |
| 2 | Total Facial Rejuvenation | 448.528 | 16,3% |
| 3 | Total Other Procedures | 395.488 | 14,4% |

BRAZIL

| RANK* | COUNTRY | TOTAL | % OF TOTAL |
|-------|---------------------------|---------|------------|
| 1 | Total Injectables | 677.765 | 70,5% |
| 2 | Total Facial Rejuvenation | 142.505 | 14,8% |
| 3 | Total Other Procedures | 141.020 | 14,7% |

JAPAN

| RANK* | COUNTRY | TOTAL | % OF TOTAL |
|-------|---------------------------|---------|------------|
| 1 | Total Injectables | 706.362 | 51,0% |
| 2 | Total Other Procedures | 450.763 | 32,6% |
| 3 | Total Facial Rejuvenation | 227.089 | 16,4% |

ITALY

| RANK* | COUNTRY | TOTAL | % OF TOTAL |
|-------|---------------------------|---------|------------|
| 1 | Total Injectables | 520.155 | 79,9% |
| 2 | Total Other Procedures | 76.020 | 11,7% |
| 3 | Total Facial Rejuvenation | 54.780 | 8,4% |

* Percentage reflects portion of country's total surgical procedures

MEXICO

| RANK* | COUNTRY | TOTAL | % OF TOTAL |
|-------|---------------------------|---------|------------|
| 1 | Total Injectables | 346.206 | 67,1% |
| 2 | Total Facial Rejuvenation | 94.210 | 18,3% |
| 3 | Total Other Procedures | 75.246 | 14,6% |

COLUMBIA

| RANK* | COUNTRY | TOTAL | % OF TOTAL |
|-------|---------------------------|---------|------------|
| 1 | Total Injectables | 125.350 | 73,4% |
| 2 | Total Facial Rejuvenation | 27.840 | 16,3% |
| 3 | Total Other Procedures | 17.600 | 10,3% |

GERMANY

| RANK* | COUNTRY | TOTAL | % OF TOTAL |
|-------|---------------------------|---------|------------|
| 1 | Total Injectables | 364.046 | 87,9% |
| 2 | Total Facial Rejuvenation | 26.035 | 6,3% |
| 3 | Total Other Procedures | 23.867 | 5,8% |

THAILAND

| RANK* | COUNTRY | TOTAL | % OF TOTAL |
|-------|---------------------------|--------|------------|
| 1 | Total Injectables | 16.786 | 72,8% |
| 2 | Total Facial Rejuvenation | 4.159 | 18,0% |
| 3 | Total Other Procedures | 2.110 | 9,2% |

* Percentage reflects portion of country's total surgical procedures



**2017 AGE DISTRIBUTION FOR CERTAIN
COSMETIC PROCEDURES**

| | 18 YEARS OLD OR YOUNGER | | 19-34 YEARS OLD | | 35-50 YEARS OLD | | 51-64 YEARS OLD | | 65 YEARS OLD OR OLDER | |
|---------------------------|-------------------------|------|-----------------|-------|-----------------|-------|-----------------|-------|-----------------------|------|
| Breast augmentations | 44.617 | 2,7% | 923.700 | 55,1% | 557.373 | 33,2% | 131.837 | 7,9% | 19.792 | 1,2% |
| Rhinoplasty | 70.882 | 8,1% | 549.775 | 62,7% | 205.891 | 23,5% | 41.406 | 4,7% | 9.299 | 1,1% |
| Botulinum Toxin | 42.786 | 0,9% | 1.058.082 | 21,0% | 2.370.366 | 47,1% | 1.259.430 | 25,0% | 303.028 | 6,0% |
| Liposuction | 33.677 | 2,1% | 656.696 | 41,7% | 649.615 | 41,3% | 205.995 | 13,1% | 27.697 | 1,8% |
| Nonsurgical Fat Reduction | 15.894 | 3,3% | 165.404 | 34,6% | 194.272 | 40,6% | 84.928 | 17,7% | 18.240 | 3,8% |



**2017 PERCENT OF COSMETIC
PROCEDURES BY LOCATION**

**PLEASE ESTIMATE THE PERCENTAGE OF YOUR TOTAL COSMETIC PROCEDURES
IN 2017 THAT WERE PERFORMED IN...**

| | AN OFFICE FACILITY | A HOSPITAL | A FREE-STANDING SURGICENTER | OTHER |
|-------------------|---------------------------|-------------------|--|--------------|
| World-Wide Totals | 31,3% | 47,7% | 19,5% | 1,6% |
| Brazil | 26,9% | 63,3% | 6,8% | 3,1% |
| Colombia | 23,1% | 51,8% | 25,0% | 0,1% |
| Germany | 36,1% | 37,8% | 17,7% | 8,4% |
| Italy | 48,8% | 28,1% | 21,1% | 1,9% |
| Japan *** | | | | |
| Mexico | 27,7% | 52,1% | 17,6% | 2,6% |
| Thailand | 44,7% | 45,1% | 10,3% | 0,0% |
| USA | 36,8% | 36,3% | 26,9% | 0,0% |



**BREAST AUGMENTATIONS FOR
WOMEN 17 YEARS OLD OR YOUNGER -
2017**

PERCENTAGE OF PLASTIC SURGEONS PERFORMING BREAST AUGMENTATION PROCEDURES ON WOMEN 17 YEARS OLD OR YOUNGER IN 2017:

| | |
|------------|-------|
| World-Wide | 9,1% |
| Mexico | 21,7% |
| Brazil | 18,6% |
| USA | 7,0% |
| Italy | 6,7% |
| Colombia | 1,7% |
| Germany | 0,0% |
| Thailand | 0,0% |
| Japan *** | |

REASONS THEY WERE PERFORMED (WORLD-WIDE):

| | |
|--|-------|
| Purely cosmetic bilateral augmentation | 28,8% |
| Severe asymmetry | 20,8% |
| Tubular breast | 20,5% |
| Congenital absent breast (i.e., Poland's syndrome) | 16,3% |
| Congenital micromastia | 10,1% |
| Other | 3,4% |



MEDICAL TOURISM - 2017

PERCENTAGE OF PATIENTS IN 2017 THAT WERE FROM OTHER COUNTRIES:

| | MEDIAN | AVERAGE |
|------------|---------------|----------------|
| World-Wide | 8,0% | 15,6% |
| Colombia | 20,0% | 26,0% |
| Thailand | 20,0% | 30,8% |
| Mexico | 15,0% | 23,4% |
| USA | 5,0% | 9,2% |
| Germany | 5,0% | 10,5% |
| Brazil | 3,0% | 5,4% |
| Italy | 2,0% | 7,3% |

MOST FREQUENTLY-CITED COUNTRIES OF FOREIGN PATIENTS

| 1 | 2 | 3 |
|-------------|-------------|-------------|
| USA | Spain | Canada |
| Australia | USA | New Zealand |
| USA | Canada | Colombia |
| Mexico | Canada | Brazil |
| Russia | Switzerland | Austria |
| USA | Italy | Portugal |
| Switzerland | France | Russia |