

## Cosmetic Dermatology Procedures: Survey Results of American Society for Dermatologic Surgery

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**Abstract :** Cosmetic dermatology procedures have witnessed exponential growth and diversification over the last 10 years. Thus, the purpose of this study was to collect data about the latest trends for cosmetic procedures reported by dermatologists during the year 2018. This study was performed by American Society for Dermatologic Surgery (ASDS) in 2018 through sending survey invitations to 3,358 practicing dermatologists in the U.S. containing streamline questions as well as statistical questions targeted to specific analysis of cosmetic dermatology trends. Out of the targeted physicians, only 596 dermatologists reply to the survey invitation (15% overall response rate). It was noted that data collected from that survey was generalized to represent all ASDS members. Results show that there is an increase in cosmetic dermatology procedures since 12.5 million procedures were reported for 2018 compared to only 7.8 million for 2012. Injectable neuromodulators and soft tissue fillers have topped the list with a 3.7 million procedure count. Body sculpting, chemical peeling, hair transplantation, and microneedling procedures were reported to be 1.57 million cases combined. Also, the top two procedures using laser were represented in wrinkle treatment as well as sun damage correction, while the lowest two trends for laser usage were for treatments of tattoos and birthmarks. Cryolipolysis was found to be at the head of body sculpting procedures with 287,435 cases, while tumescent liposuction was reported as the least performed body sculpting procedure (18,286 cases). In conclusion, comparing the procedural trends for the last 7 years has indicated that there has been a 78% increase in soft tissue filler treatment compared to 2012. In addition, it was further noted that laser procedures scored 74% increase in the last 7 years while body contouring procedures have had four folds increase in general compared to 2012.

**Keywords :** cosmetic dermatology, ASDS procedure survey, laser, body sculpting

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