

Total 2022 Lobbying Expenditures by Certain Trade Associations

| Trade Association Name | Amount of Dues uses for non-deductible lobbying expenses |
|--|---|
| Pharmaceutical Research and Manufacturers of America (PhRMA) | \$2,474,431 |
| Biotechnology Industry Organization (BIO) | \$311,347 |
| National Health Council (NHC) | \$3,105 |
| Massachusetts Biotechnology Council (MassBIO) | \$12,375 |
| California Life Sciences Association (CLSA) | \$22,800 |
| Total | \$2,824,058 |

YTD: December 31 2022