



**STATE OF HAWAII**  
**DEPARTMENT OF HEALTH**  
 4348 Waiālae Avenue, #648  
 Honolulu, Hawaii 96816



## Medical Cannabis (329) Registry Program

The statistics presented in this report are based on Medical Cannabis Registry data as of  
 February 28, 2019

| Registered Patient Totals |  |
|---------------------------|--|
| 24,521                    | Patients have a valid medical cannabis registration.                                   |
| Caregiver Totals          |  |
| 1,838                     | Caregivers are caring for registered patients.   |
| Physician/APRN Totals     |  |
| 159                       | Physician's/APRN have recommended/certified medical cannabis for one or more patients. |
| 240                       | Physician's/APRN's are registered to recommend/certify patients in Hawaii              |

## Demographic Information

**Table 1. Registered Patients by Age and Gender**

| Gender       | Average Age | Percentage on Registry |
|--------------|-------------|------------------------|
| Male         | 51.4        | 60.91%                 |
| Female       | 51.4        | 39.04%                 |
| Transgender* | 46.4        | 0.05%                  |

\*Transgender includes both Male to Female and Female to Male.

**Table 2. Frequency of Conditions**

| Reported Condition          | Number of Patients Reporting Condition | Percentage of Patients Reporting Condition** |
|-----------------------------|--|--|
| Severe Pain                 | 20,758                                 | 84.65%                                       |
| Persistent Muscle Spasms    | 3,229                                  | 13.17%                                       |
| PTSD                        | 3,018                                  | 12.31%                                       |
| Malignant Neoplasm (Cancer) | 1,692                                  | 6.90%  |
| Severe Nausea               | 1,500                                  | 6.12%  |
| Cachexia/Wasting Syndrome   | 477                                    | 1.95%  |
| Glaucoma                    | 447                                    | 1.82%  |
| Seizures                    | 346                                    | 1.41%  |
| Rheumatoid Arthritis        | 351                                    | 1.43%  |
| HIV or AIDS                 | 155                                    | 0.63%  |
| Epilepsy                    | 103                                    | 0.42%  |
| Lupus                       | 69                                     | 0.28%  |
| Multiple Sclerosis          | 56                                     | 0.23%  |
| ALS                         | *NA                                    | 0.01%  |

\*ALS data is not reportable.

\*\*Does not add to 100% as some patients report more than one debilitating condition.

**Table 3. Registered Patient Total and the Top 3 Reported Conditions by Age**

| Age Group    | Patient Total and Percentage by Age | 1 <sup>st</sup> Reported Condition | 2 <sup>nd</sup> Reported Condition | 3 <sup>rd</sup> Reported Condition                       |
|--------------|-------------------------------------|------------------------------------|------------------------------------|--|
| 0-10         | 15 (0.06)                           | Seizures (8)                       | Epilepsy (6)                       | *Persistent Muscle Spasms & *Malignant Neoplasm (Cancer) |
| 11-17        | 18 (0.07)                           | Seizures (9)                       | *PTSD & *Severe Pain               | *Epilepsy  |
| 18-25        | 968 (3.95)                          | Severe Pain (708)                  | PTSD (230)                         | Severe Nausea (96) & Persistent Muscle Spasms (96)       |
| 26-35        | 3,800 (15.50)                       | Severe Pain (3,123)                | PTSD (691)                         | Persistent Muscle Spasms (453)                           |
| 36-45        | 4,668 (19.04)                       | Severe Pain (4,032)                | PTSD (729)                         | Persistent Muscle Spasms (624)                           |
| 46-55        | 4,021 (16.40)                       | Severe Pain (3,451)                | Persistent Muscle Spasms (575)     | PTSD (464)   |
| 56-65        | 5,526 (22.54)                       | Severe Pain (4,833)                | Persistent Muscle Spasms (761)     | PTSD (478)   |
| 66-75        | 4,544 (18.53)                       | Severe Pain (3,835)                | Persistent Muscle Spasms (627)     | Malignant Neoplasm (Cancer) (599)                        |
| 76 and Older | 961 (3.92)                          | Severe Pain (772)                  | Malignant Neoplasm (Cancer) (203)  | Persistent Muscle Spasms (92)                            |

\*Patient count is not reportable

**Table 4. Registered Patients, Caregivers, and Top 3 Reported Conditions by County**

| County | Number of Patients | Number of Caregivers | 1 <sup>st</sup> Reported Condition | 2 <sup>nd</sup> Reported Condition | 3 <sup>rd</sup> Reported Condition |
|--------|--------------------|----------------------|------------------------------------|------------------------------------|------------------------------------|
| Oahu   | 10,152             | 880                  | Severe Pain (8,199)                | PTSD (1,647)                       | Malignant Neoplasm (Cancer) (881)  |
| Hawaii | 7,049              | 393                  | Severe Pain (6,232)                | Persistent Muscle Spasms (1,954)   | PTSD (572)                         |
| *Maui  | 5,340              | 420                  | Severe Pain (4,596)                | PTSD (674)                         | Persistent Muscle Spasms (585)     |
| Kauai  | 1,979              | 145                  | Severe Pain (1,731)                | Severe Nausea (204)                | Persistent Muscle Spasms (162)     |

\*Patient registered using an out of state address is not included in the count.

**Graph 1. Number of Approved Applications: New Records VS Renewals, August 2017 – February 2019**

