ARIZONA DEPARTMENT OF HEALTH SERVICES
LICENSING

Arizona Medical Marijuana Program
December 2016 Monthly Report

In November 2010, Arizona voters passed the Arizona Medical Marijuana Act (AMMA), A.R.S. §36-2801 *et seq*. The AMMA went into effect on April 14, 2011, making Arizona the fourteenth state to adopt a medical marijuana law. The AMMA designates the Arizona Department of Health Services (ADHS) as the licensing and issuing authority for the Arizona Medical Marijuana Program.

The AMMA monthly report highlights the most current program statistics. This includes data on active medical marijuana cardholders as well as transaction data from the sale of medical marijuana at non-profit medical marijuana dispensaries. Tables 1 through 6 and Figures 1 through 3 reflect data that are point in time. Table 7 and Figure 4 are data from the month of December, 2016. The Year-To-Date section which follows shows cumulative applications and approvals for 2016. For further information and statistics, please reference the Arizona Medical Marijuana Annual Report.

Table 1. Arizona Medical Marijuana Active Qualifying Patients, Designated Caregivers and Dispensary Agents Profile

Active Cardholder's Profile	Totals	Percent Total
1. Qualifying patients (QPs)	114,439	96.48%
2. Caregivers (CGs)	836	0.70%
3. Dispensary Agents (DA)	3,336	2.81%
Total	**118,611**	**100.00%**

*Note: For caregivers and dispensary agents, these data reflect unique individuals, not the number of cards.

Table 2. Arizona Medical Marijuana Active Qualifying Patients Profile

Application profile of qualifying patients	Totals	Percent Total
1. New applications	74,702	65.28%
2. Renewal applications	34,459	30.11%
3. Changed demographics	2,398	2.10%
4. Added Caregivers	216	0.19%
5. Change Dup	2,646	2.31%
6. Replaced Caregivers	13	0.01%
7. Removed Caregivers	5	0.00%
Total	**114,439**	**100.00%**

Approximately 12 percent (n = 13,427) of the active cardholders were determined to be SNAP eligible. Of the 13,427 that were determined to be eligible, 6,279 (~46%) were females and 7,148 (~54%) were males.

Table 3. Arizona Medical Marijuana Active Qualifying Patients Characteristics

Characteristics of Active Cardholders who are Qualified Patients	Totals (N =114,439)	Percent Total
Patient Age-groups		
Less than 18 years	176	0.15%
18 to 30 years	27,799	24.29%
31 to 40 years	23,460	20.50%
41 to 50 years	17,986	15.72%
51 to 60 years	20,370	17.80%
61 to 70 years	18,892	16.51%
71 to 80 years	4,785	4.18%
81 and older	971	0.85%
Patient Gender		
Male	72,786	63.60%
Female	41,653	36.40%

Figure 1. Arizona Medical Marijuana Active Qualifying Patients Characteristics by Gender and Age

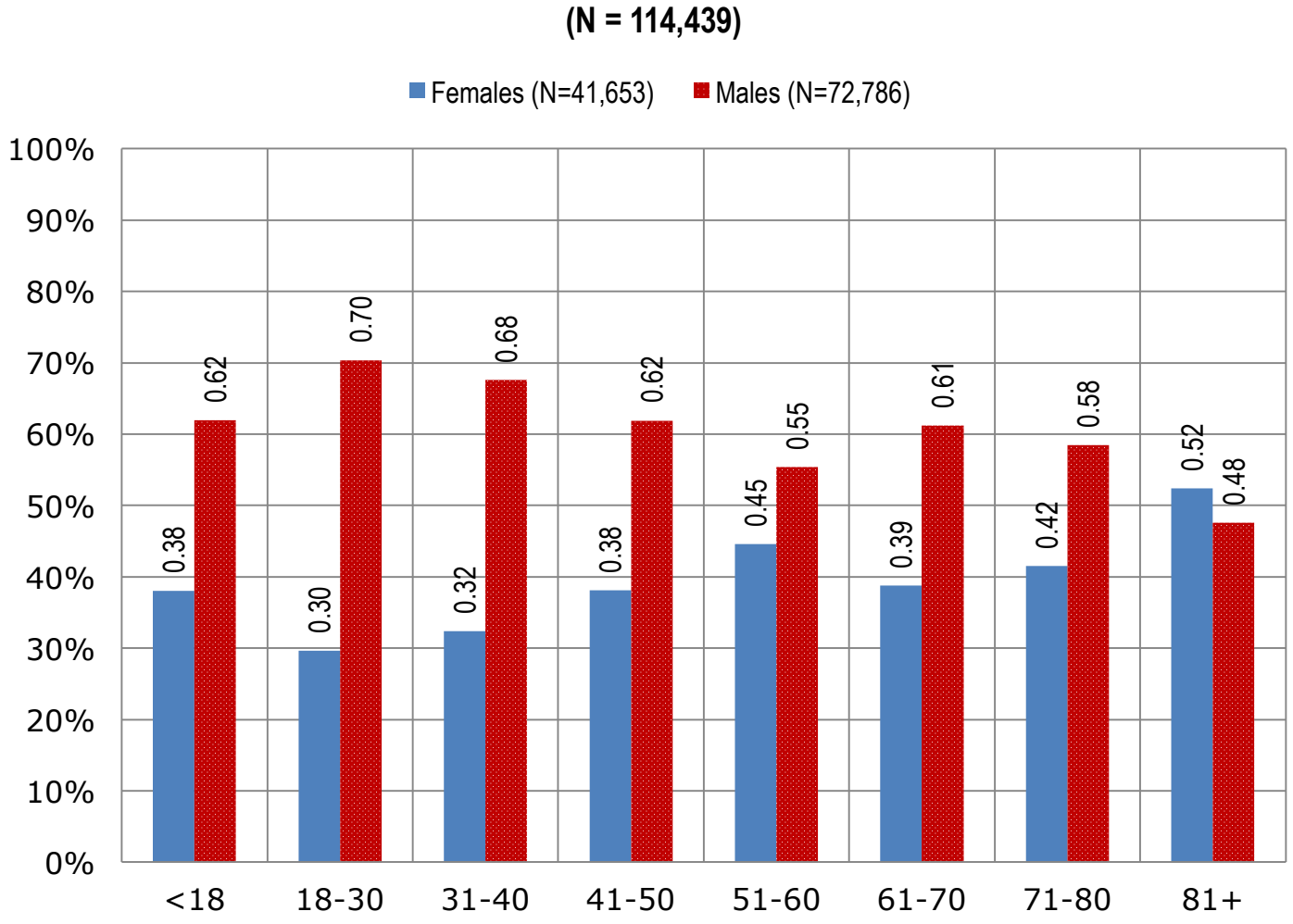


Table 4. Arizona Medical Marijuana Active Qualifying Patients Medical Condition Profile

Patient medical condition profile of Active Cardholders¶	Totals	Percent Total
Alzheimer's	66	0.06%
Cachexia	109	0.10%
Cancer	3,286	2.87%
Chronic Pain	93,447	81.66%
Crohn's Disease	478	0.42%
Glaucoma	824	0.72%
Hepatitis C	847	0.74%
HIV/AIDS	526	0.46%
Muscle Spasms	720	0.63%
Nausea	696	0.61%
Post-Traumatic Stress Disorder (PTSD)	1,528	1.34%
Sclerosis	25	0.02%
Seizures	973	0.85%
Two Or More Conditions	10,914	9.54%
TOTAL	**114,439**	**100.00%**

¶Unique debilitating conditions

Figure 2. Arizona Medical Marijuana Active Designated Caregiver Characteristics by Gender and Age

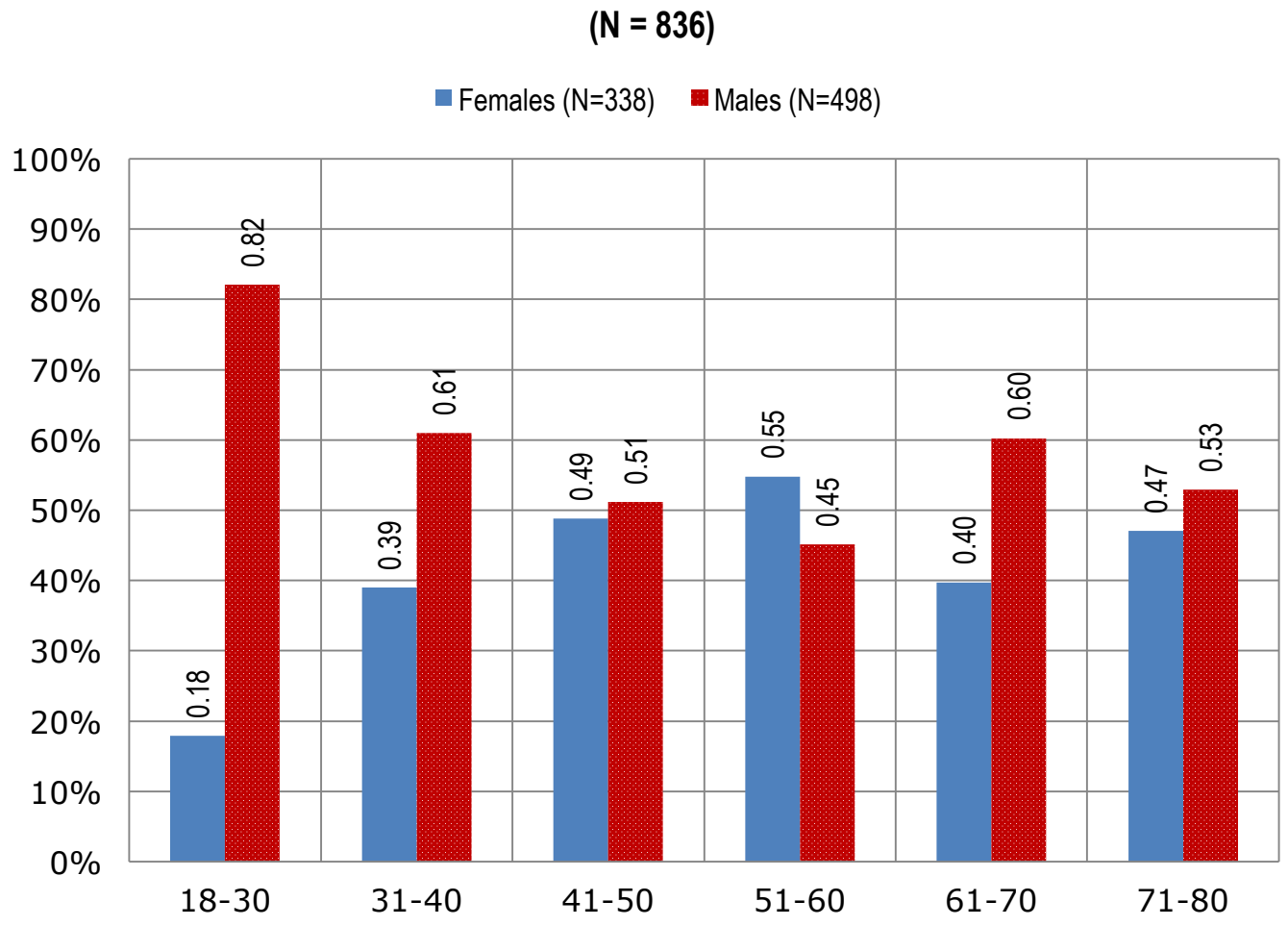


Table 5. Arizona Medical Marijuana Active Qualifying Patients and Designated Caregivers Authorized for Cultivation

Active cardholders cultivation status	Totals	Percent Total
Qualifying patients (n =114,439)	1,476	1.29%
Caregivers (n =836)	397	47.49%

Table 6. Frequency and Percent of Total Frequency of Qualifying Patients per County of Residence

County	Qualifying Patients	Caregivers	Dispensary Agents
Apache County	777	Count under 20	Count under 20
Cochise County	1690	Count under 20	42
Coconino County	2815	33	114
Gila County	1170	Count under 20	37
Graham County	413	Count under 20	Count under 20
Greenlee County	137	Count under 20	Count under 20
La Paz County	295	Count under 20	31
Maricopa County	71773	515	2037
Mohave County	4212	Count under 20	125
Navajo County	1573	20	114
Pima County	15409	104	343
Pinal County	6157	38	128
Santa Cruz County	351	Count under 20	35
Yavapai County	6332	62	275
Yuma County	1334	Count under 20	Count under 20
TOTAL	**114,439**	**836**	**3336**

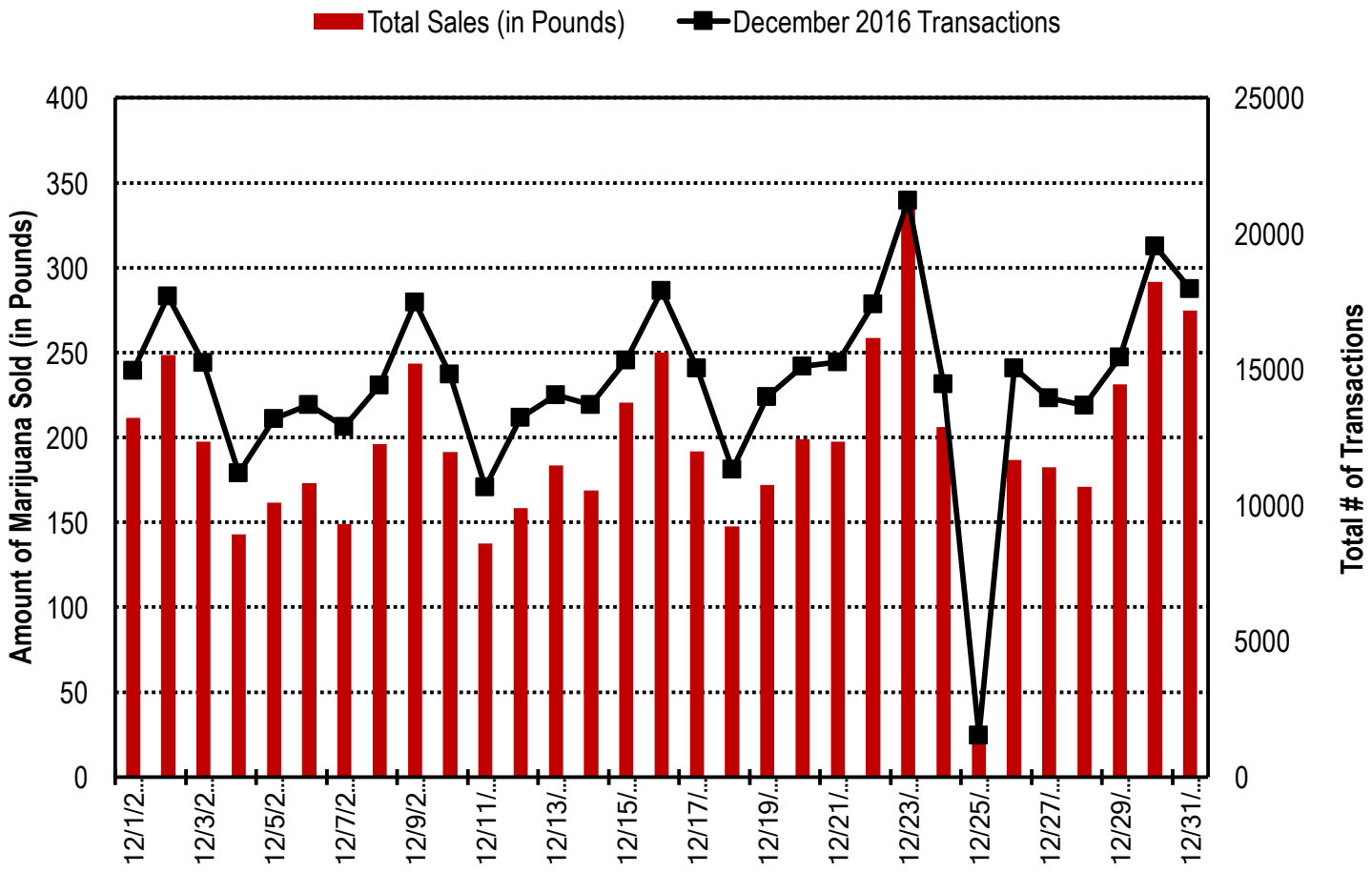
*Note: 37 active patients have not been assigned to counties due to spatial precision of their residence address.

Table 7. Type and Amount of Transactions at Medical Marijuana Dispensaries in December, 2016

Type of Transaction†	Ounces (oz.)	Pounds
Marijuana	89,678.25	5,604.89
Marijuana Edible	5,315.44	332.21
Marijuana Other	2,670.32	166.90
Total Marijuana Sold	97,664.01	6,104.00

†Amounts have been rounded and may not added to exact totals

Figure 4. Daily Transactions and Amount of Marijuana Sold in November, 2016



YEAR TO DATE

Table 1a. Arizona Medical Marijuana Applications Received- Application Profile

Applications Received Cardholder Profile	Totals	Percent Total
Qualifying patients (QPs)	123,037	94.76%
Caregivers (CGs)	2,148	1.65%
Dispensary Agents (DA)	4,653	3.58%
Total	129,838	100.00%

*Note: For caregivers and dispensary agents, these data reflect unique individuals, not the number of cards.

Table 1b. Arizona Medical Marijuana Licensed Qualifying Patients, Designated Caregivers and Dispensary Agents Profile

Applications Approved Cardholder Profile	Totals	Percent Total
Qualifying patients (QPs)	122,007	94.94%
Caregivers (CGs)	2,030	1.58%
Dispensary Agents (DA)	4,475	3.48%
Total	128,512	100.00%

*Note: For caregivers and dispensary agents, these data reflect unique individuals, not the number of cards.

Table 2. Arizona Medical Marijuana Licensed Qualifying Patient Profile

Applications Received for Qualifying Patients	Totals	Percent Total
New applications	78,070	63.99%
Renewal applications	36,164	29.64%
Changed demographics	3,270	2.68%
Added Caregivers	359	0.29%
Change Dup	4,073	3.34%
Replaced Caregivers	55	0.05%
Removed Caregivers	16	0.01%
Total	122,007	100.00%

Table 3a. Arizona Medical Marijuana Applications Received- Patient Characteristics

Characteristics of Applications Received who are Qualified Patients	Totals (N = 123,037)	Percent Total
Patient Age-groups		
Less than 18 years	209	0.17%
18 to 30 years	32,462	26.38%
31 to 40 years	24,903	20.24%
41 to 50 years	18,946	15.40%
51 to 60 years	21,763	17.69%
61 to 70 years	19,156	15.57%
71 to 80 years	4,637	3.77%
81 and older	961	0.78%
Patient Gender		
Male	78,675	63.94%
Female	44,362	36.06%

Table 3b. Arizona Medical Marijuana Licensed Qualifying Patient Characteristics

Characteristics of Approved Applications who are Qualified Patients	Totals (N = 122,007)	Percent Total
Patient Age-groups		
Less than 18 years	195	0.16%
18 to 30 years	32,198	26.39%
31 to 40 years	24,729	20.27%
41 to 50 years	18,798	15.41%
51 to 60 years	21,566	17.68%
61 to 70 years	18,987	15.56%
71 to 80 years	4,588	3.76%
81 and older	946	0.78%
Patient Gender		
Male	78,061	63.98%
Female	43,946	36.02%

Figure 1a. Arizona Medical Marijuana Applications Received- Patient Characteristics by Gender and Age

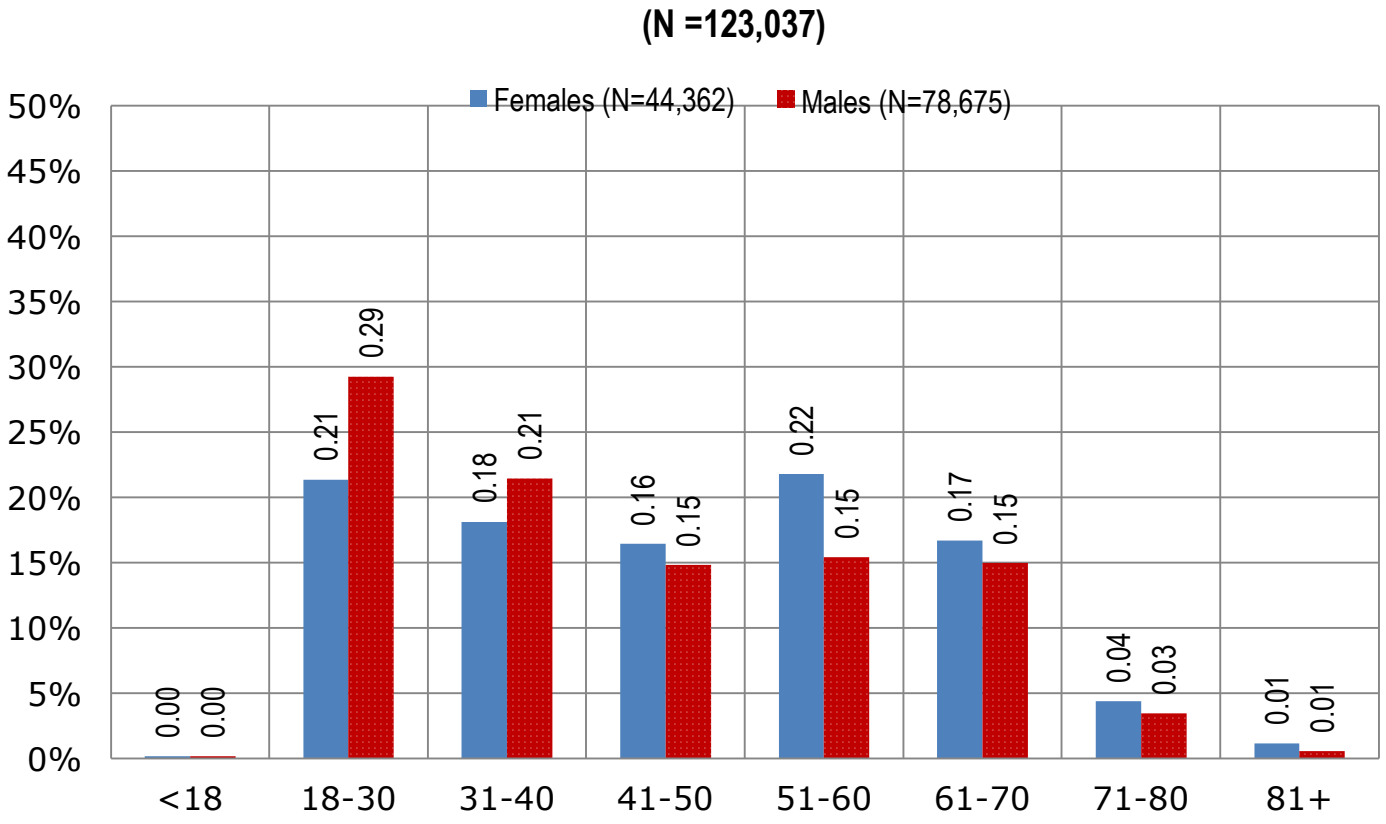


Figure 1b. Arizona Medical Marijuana Licensed Qualifying Patient Characteristics by Gender and Age

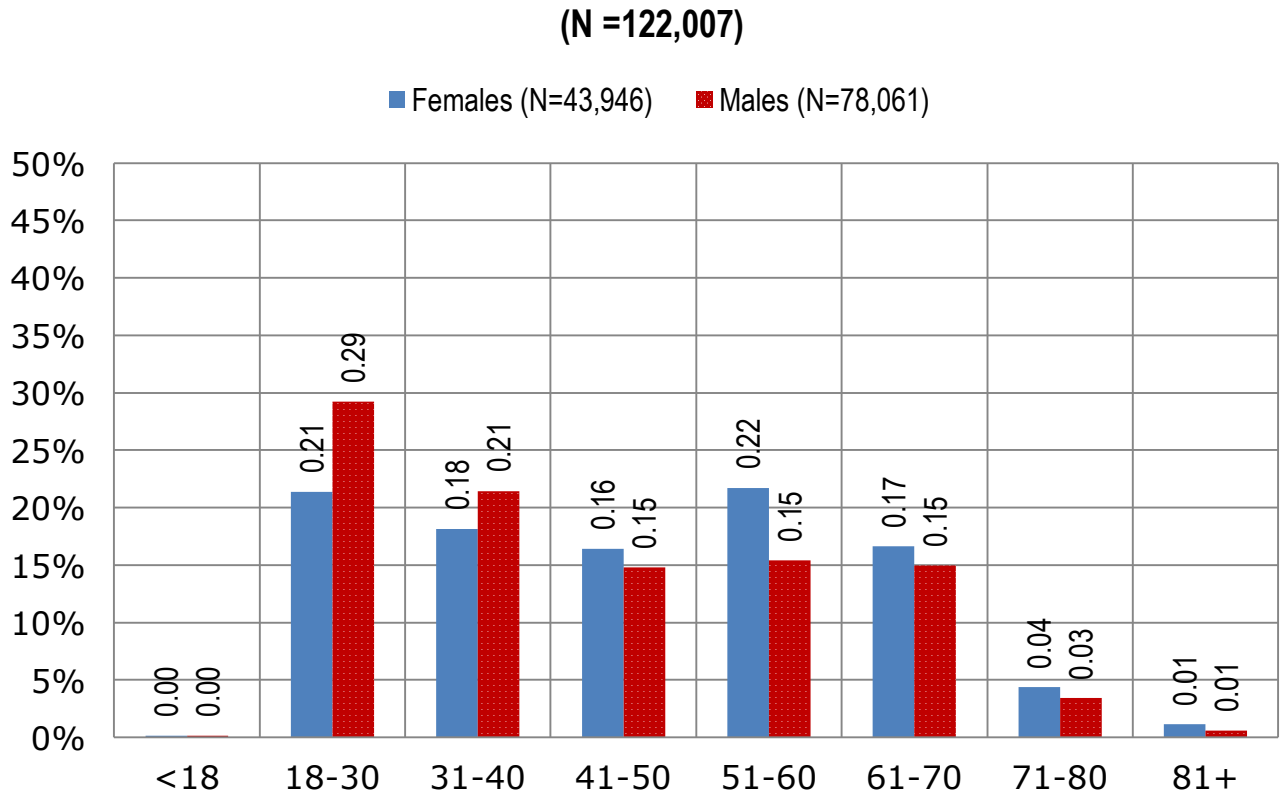


Figure 2a. Arizona Medical Marijuana Applications Received- Caregivers Characteristics by Gender and Age

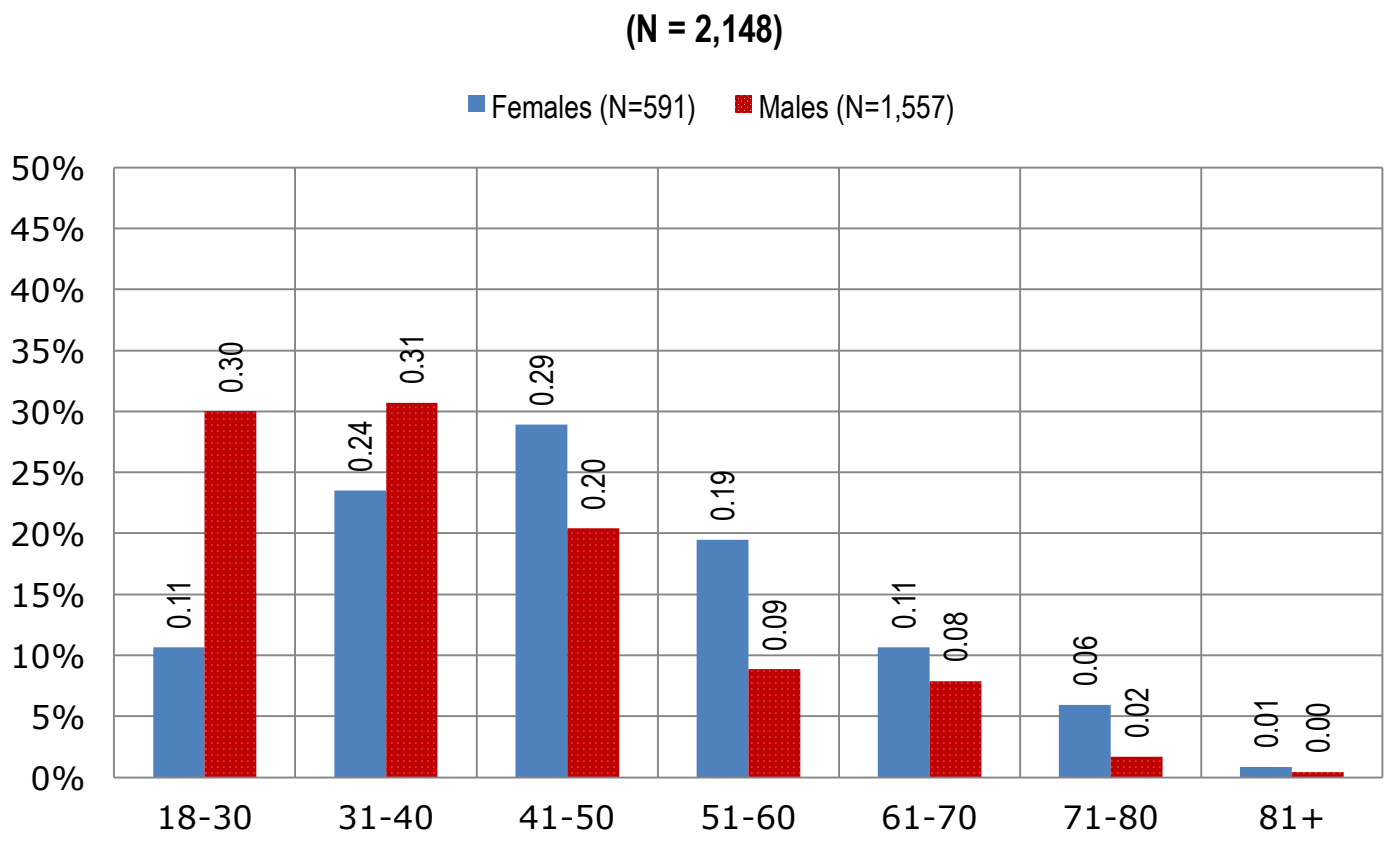


Figure 2b. Arizona Medical Marijuana Licensed Caregivers Characteristics by Gender and Age

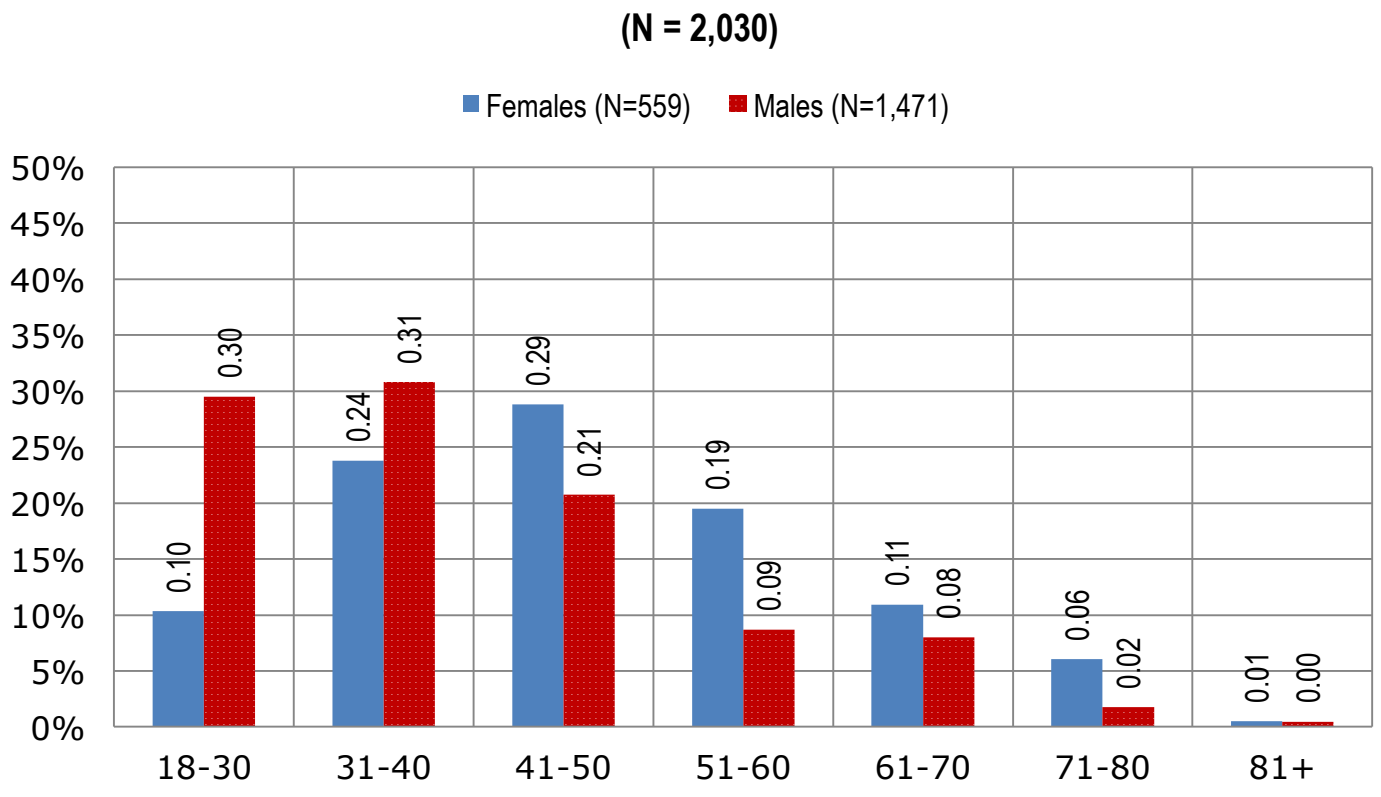


Table 4a. Arizona Medical Marijuana Applications Received- Patient Medical Conditions Profile

Patient medical condition profile of Applications Received ¶	Totals	Percent Total
Alzheimer's	67	0.05%
Cachexia	117	0.10%
Cancer	3,430	2.79%
Chronic Pain	100,551	81.72%
Crohn's Disease	512	0.42%
Glaucoma	867	0.70%
Hepatitis C	913	0.74%
HIV/AIDS	573	0.47%
Muscle Spasms	779	0.63%
Nausea	752	0.61%
Post-Traumatic Stress Disorder (PTSD)	1,651	1.34%
Sclerosis	26	0.02%
Seizures	1,058	0.86%
Two Or More Conditions	11,741	9.54%
TOTAL	**123,037**	**100.00%**

¶Unique debilitating conditions

Table 4b. Arizona Medical Marijuana Licensed Qualifying Patients Medical Conditions Profile

Patient medical condition profile of Applications Approved¶	Totals	Percent Total
Alzheimer's	67	0.05%
Cachexia	114	0.09%
Cancer	3,397	2.78%
Chronic Pain	99,767	81.77%
Crohn's Disease	507	0.42%
Glaucoma	857	0.70%
Hepatitis C	904	0.74%
HIV/AIDS	568	0.47%
Muscle Spasms	771	0.63%
Nausea	745	0.61%
Post-Traumatic Stress Disorder (PTSD)	1,630	1.34%
Sclerosis	26	0.02%
Seizures	1,037	0.85%
Two Or More Conditions	11,617	9.52%
TOTAL	**122,007**	**100.00%**

¶Unique debilitating conditions

Table 5a. Arizona Medical Marijuana Applications Received for Applicants Seeking Authorization to Cultivate

Applications Received for cardholders with cultivation status	Totals	Percent total
Qualifying patients (n = 123,037)	1,758	1.43%
Caregivers (n = 2,148)	0	0.00%

Table 5b. Arizona Medical Marijuana Licensed Qualifying Patients and Designated Caregivers Authorized for Cultivation

Approved cardholders cultivation status	Totals	Percent total
Qualifying patients (n = 122,007)	1,758	1.44%
Caregivers (n = 2,030)	0	0.00%

Table 7a. Type and Amount of Transactions at Medical Marijuana Dispensaries in 2016 to Date

Type of Transaction†	Ounces (oz.)	Pounds
Marijuana	858,462.31	53,653.89
Marijuana Edible	56,790.43	3,549.40
Marijuana Other	22,722.99	1,420.19
Total Marijuana Sold	937,975.73	58,623.48

†Amounts have been rounded and may not added to exact totals

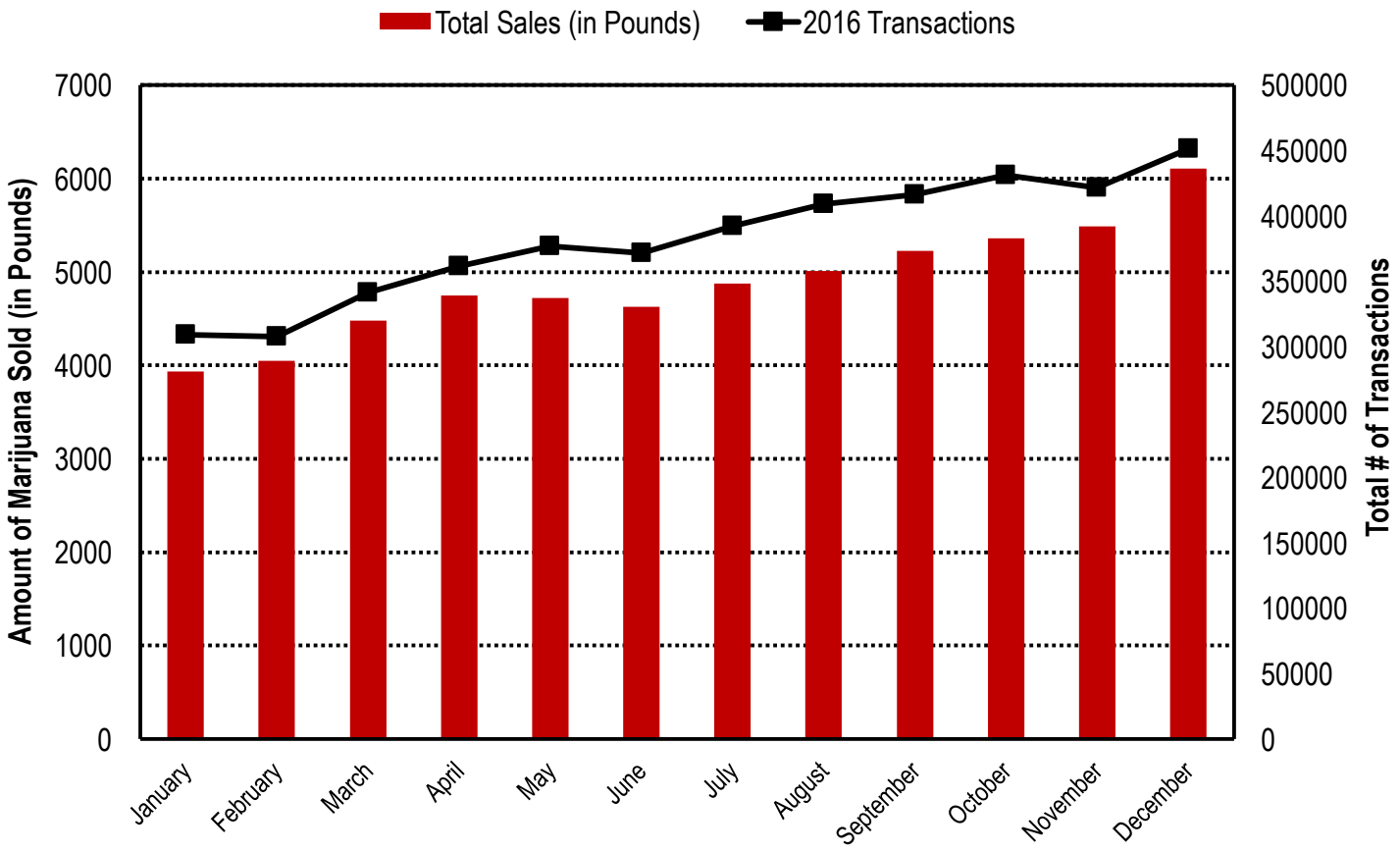



Figure 5. Transactions and Amount of Marijuana Sold in 2016 by Month