

## Arizona Medical Marijuana Program 2016 Fiscal Year-End 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 Fiscal Year-End Report highlights the most current program statistics. This includes data on active medical marijuana cardholders and 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 June, 2016. The Fiscal Year 2016 section that follows shows cumulative applications and approvals for the 2016 State Fiscal Year (July 1, 2015 - June 30, 2016). For additional information and statistics, please reference the Arizona Medical Marijuana Annual Report or Monthly Reports.

**Table 1. Arizona Medical Marijuana Active Qualifying Patients, Designated Caregivers and Dispensary Agents Profile for June, 2016.**

Active Cardholder's Profile	June 2016 Totals	June 2016 Percent Total
1. Qualifying Patients (QPs)	102,040	96.58%
2. Caregivers (CGs)	860	0.81%
3. Dispensary Agents (DA)	2,752	2.60%
<b>Total</b>	<b>105,652</b>	<b>100.00%</b>

\*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 for June, 2016.**

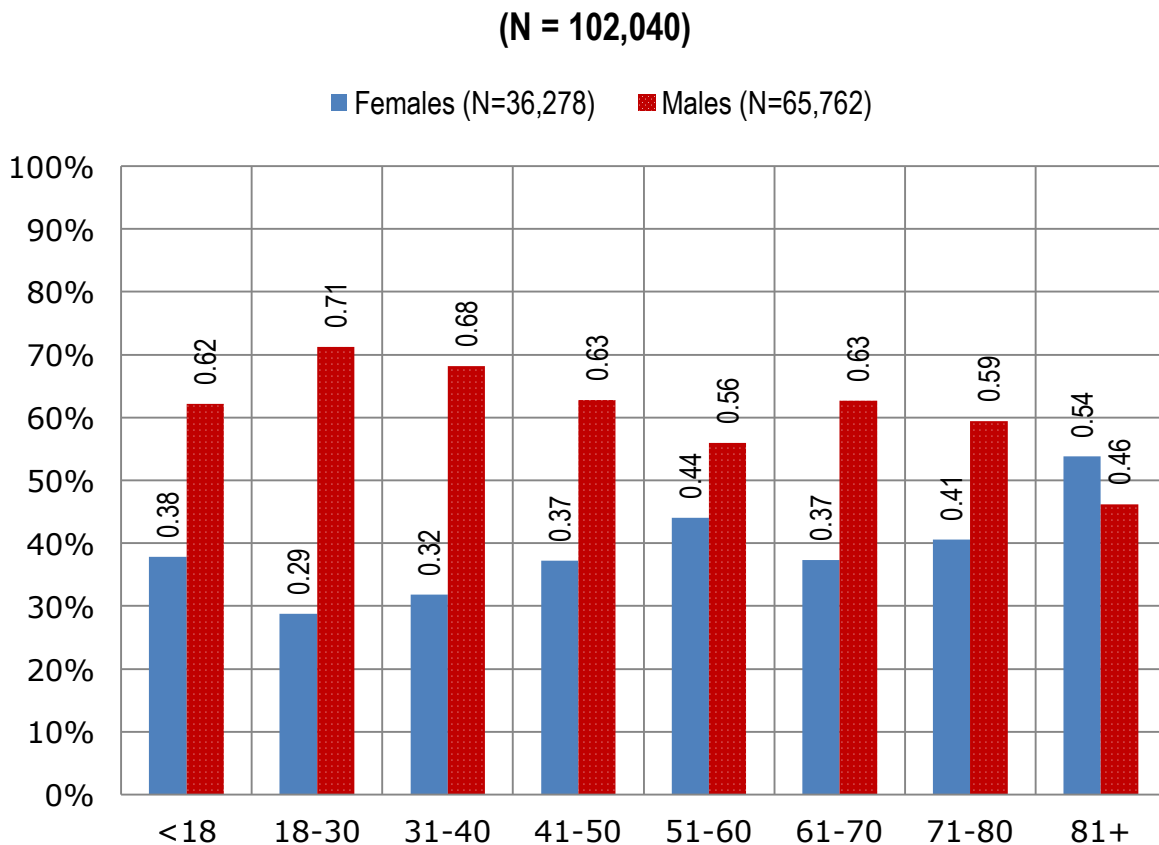
Application profile of qualifying patients	June 2016 Totals	June 2016 Percent Total
1. New Applications	67,592	66.24%
2. Renewal Applications	30,349	29.74%
3. Changed Demographics	1,797	1.76%
4. Added Caregivers	212	0.21%
5. Change Duplicates	2,047	2.01%
6. Replaced Caregivers	37	0.04%
7. Removed Caregivers	6	0.01%
<b>Total</b>	<b>102,040</b>	<b>100.00%</b>

Approximately 12 percent (n = 12,612) of the active cardholders were determined to be SNAP eligible. Of the 12,612 that were determined to be eligible, 5,698 (~45%) were females and 6,923 (~55%) were males.

**Table 3. Arizona Medical Marijuana Active Qualifying Patient Characteristics for June, 2016**

Characteristics of Active Cardholders who are Qualified Patients (N=102,040)	June 2016 Totals	June 2016 Percent Total
<b>Patient Age-groups</b>		
Less than 18 years	164	0.16%
18 to 30 years	25,264	24.76%
31 to 40 years	20,902	20.48%
41 to 50 years	16,089	15.77%
51 to 60 years	18,685	18.31%
61 to 70 years	16,341	16.01%
71 to 80 years	3,812	3.74%
81 and older	783	0.77%
<b>Patient Gender</b>		
Male	65,762	64.45%
Female	36,278	35.55%

**Figure 1. Arizona Medical Marijuana Active Qualifying Patients Characteristics by Gender and Age for June, 2016**

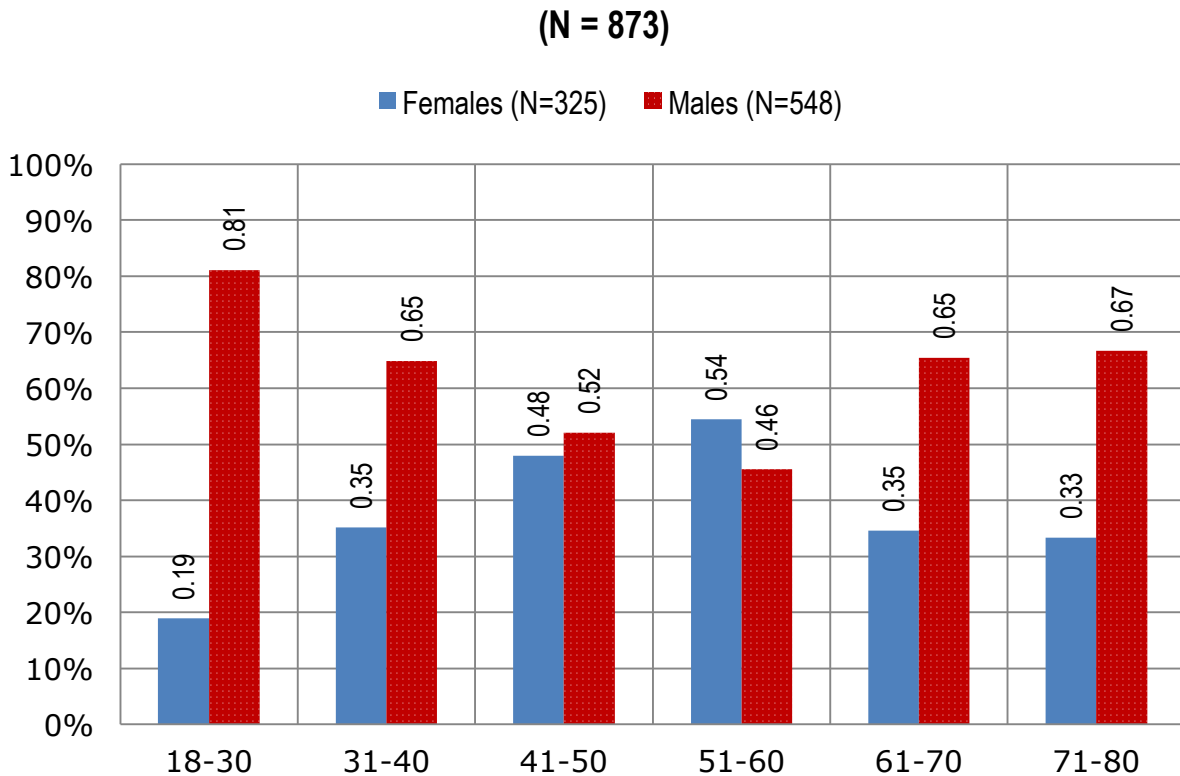


**Table 4. Arizona Medical Marijuana Active Qualifying Patients Medical Condition Profile for June, 2016**

Patient Medical Condition Profile of Active Cardholders <sup>¶</sup>	June 2016 Totals	June 2016 Percent total
Alzheimer's	47	0.05%
Cachexia	93	0.09%
Cancer	2,793	2.74%
Chronic Pain	82,772	81.12%
Crohn's Disease	426	0.42%
Glaucoma	722	0.71%
Hepatitis C	836	0.82%
HIV/AIDS	464	0.45%
Muscle Spasms	668	0.65%
Nausea	661	0.65%
Post-Traumatic Stress Disorder (PTSD)	1,226	1.20%
Sclerosis	27	0.03%
Seizures	879	0.86%
Two Or More Conditions	10,426	10.22%
<b>TOTAL</b>	<b>102,040</b>	<b>100.00%</b>

<sup>¶</sup>Unique debilitating conditions

**Figure 2. Arizona Medical Marijuana Active Designated Caregiver Characteristics by Gender and Age for June, 2016**



**Table 5. Arizona Medical Marijuana Active Qualifying Patients and Designated Caregivers Authorized for Cultivation for June, 2016**

Active Cardholders Cultivation Status	June 2016 Totals	June 2016 Percent Total
Qualifying Patients (n = 102,040)	1,394	1.37%
Caregivers (n = 1,083)	437	50.81%

**Table 6. Frequency and Percent of Total Frequency of Qualifying Patients per County of Residence for June, 2016.**

County	Qualifying Patients	Caregivers	Dispensary Agents
Apache County	756	Count under 20	Count under 20
Cochise County	1,515	Count under 20	21
Coconino County	2,619	36	115
Gila County	1,128	Count under 20	30
Graham County	358	Count under 20	Count under 20
Greenlee County	127	Count under 20	Count under 20
La Paz County	259	Count under 20	Count under 20
Maricopa County	63,588	542	1696
Mohave County	3,878	Count under 20	105
Navajo County	1,436	26	69
Pima County	13,661	90	310
Pinal County	5,403	43	100
Santa Cruz County	328	Count under 20	34
Yavapai County	5,757	62	202
Yuma County	1,226	Count under 20	Count under 20
<b>TOTAL</b>	<b>102,040</b>	<b>860</b>	<b>2,724</b>

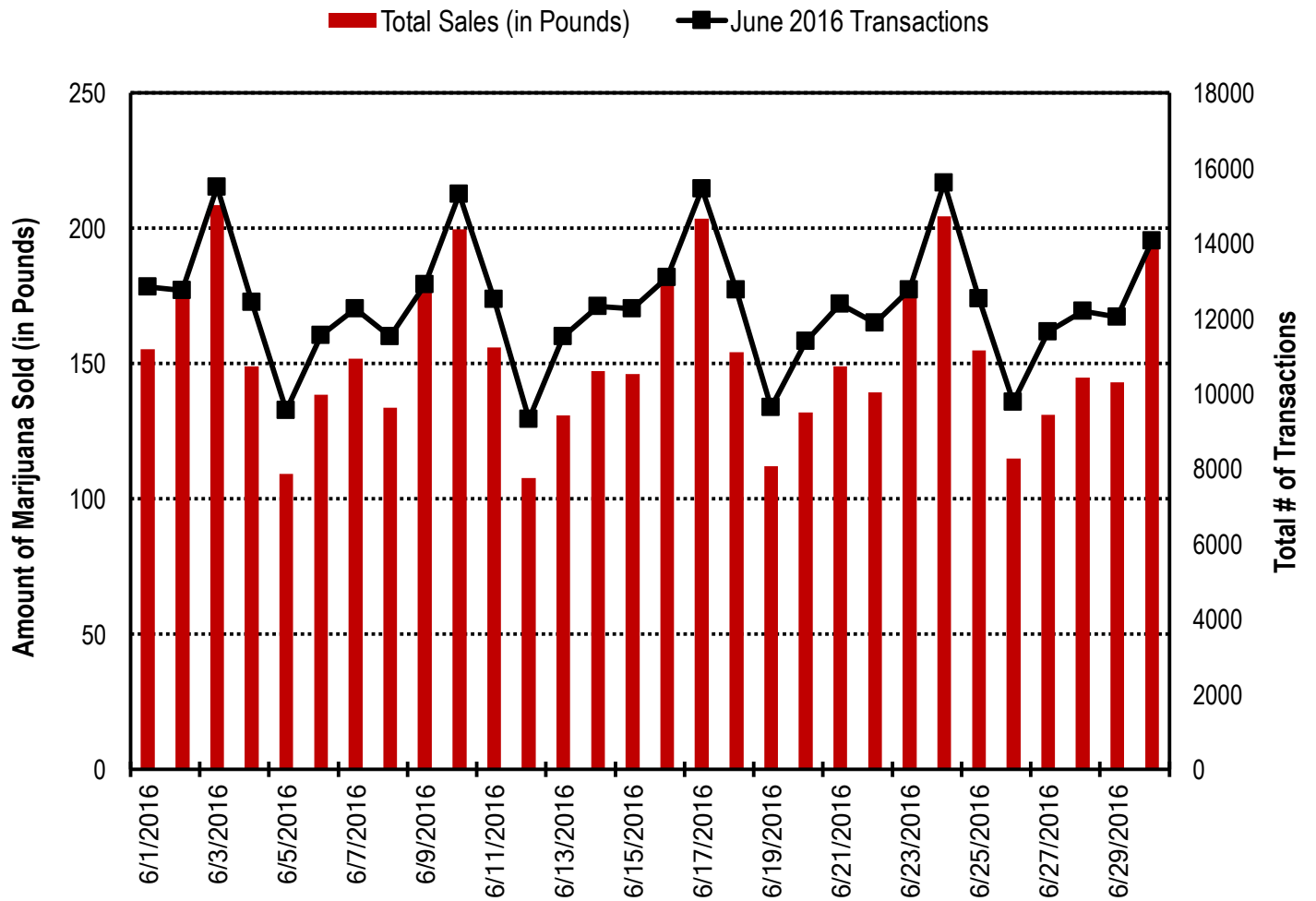
\*Note: 29 active patients have not been assigned to counties due to spatial precision of their residence address

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

Type of Transaction <sup>†</sup>	Ounces (oz.)	Pounds
Marijuana	67,912.01	4,244.50
Marijuana Edible	4,482.13	280.13
Marijuana Other	1,676.32	104.77
<b>Total Marijuana Sold</b>	<b>74,070.46</b>	<b>4,629.40</b>

<sup>†</sup>Amounts have been rounded and may not add to exact column totals

Figure 3. Daily Transactions and Amount of Marijuana Sold in June, 2016



## Medical Marijuana Summary for State Fiscal Year 2016 (FY16)

Information contained in the tables below represents information for State Fiscal Year 2016 (July 1, 2015 – June 30, 2016).

**Table 1a. Arizona Medical Marijuana Applications Received for Qualifying Patients, Caregivers, and Dispensary Agents in FY16**

Applications Received Profile	FY 16 Totals	Percent Total
Qualifying Patients (QPs)	109,109	94.58%
Caregivers (CGs)	2,200	1.91%
Dispensary Agents (DA)	4,056	3.52%
<b>Total</b>	<b>115,365</b>	<b>100.00%</b>

\*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 in FY16**

Applications Approved Cardholder Profile	FY 16 Totals	Percent Total
Qualifying Patients (QPs)	108,883	94.67%
Caregivers (CGs)	2,166	1.88%
Dispensary Agents (DA)	3,959	3.44%
<b>Total</b>	<b>115,008</b>	<b>100.00%</b>

\*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 in FY16**

Applications Received for Qualifying Patients	FY 16 Totals	Percent Total
New Applications	70,183	64.46%
Renewal Applications	32,206	29.58%
Changed Demographics	2,632	2.42%
Added Caregivers	411	0.38%
Change Duplicates	3,358	3.08%
Replaced Caregivers	57	0.05%
Removed Caregivers	36	0.03%
<b>Total</b>	<b>108,883</b>	<b>100.00%</b>

**Table 3a. Arizona Medical Marijuana Applications Received - Qualifying Patient Characteristics in FY16**

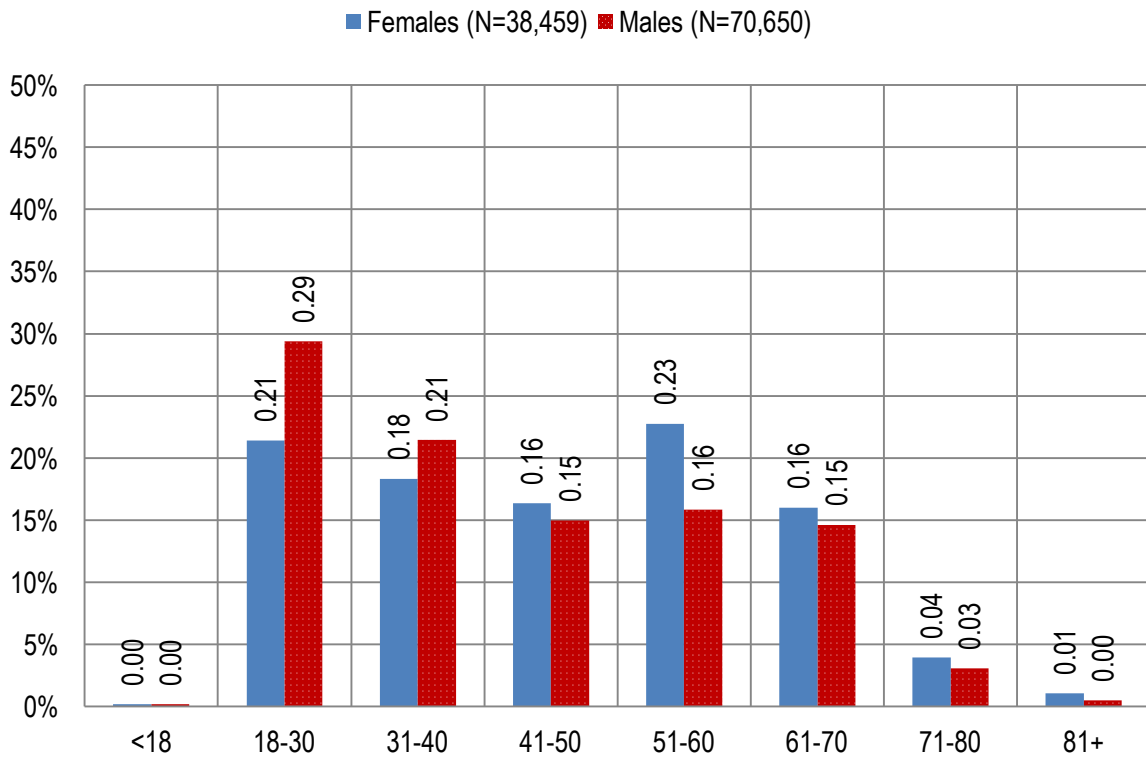
<b>Characteristics of Applications Received who are Qualified Patients</b>	<b>FY 16 Totals</b> (N = 109,109)	<b>Percent Total</b>
<b>Patient Age-groups</b>		
Less than 18 years	192	0.18%
18 to 30 years	29,004	26.58%
31 to 40 years	22,187	20.33%
41 to 50 years	16,869	15.46%
51 to 60 years	19,948	18.28%
61 to 70 years	16,461	15.09%
71 to 80 years	3,691	3.38%
81 and older	757	0.69%
<b>Patient Gender</b>		
Male	70,650	64.75%
Female	38,459	35.25%

**Table 3b. Arizona Medical Marijuana Licensed Qualifying Patient Characteristics in FY16**

<b>Characteristics of Approved Applications who are Qualified Patients</b>	<b>FY 16 Totals</b> (N=108,883)	<b>Percent Total</b>
<b>Patient Age-groups</b>		
Less than 18 years	190	0.17%
18 to 30 years	28,943	26.58%
31 to 40 years	22,141	20.33%
41 to 50 years	16,838	15.46%
51 to 60 years	19,908	18.28%
61 to 70 years	16,425	15.08%
71 to 80 years	3,685	3.38%
81 and older	753	0.69%
<b>Patient Gender</b>		
Male	70,506	64.75%
Female	38,377	35.25%

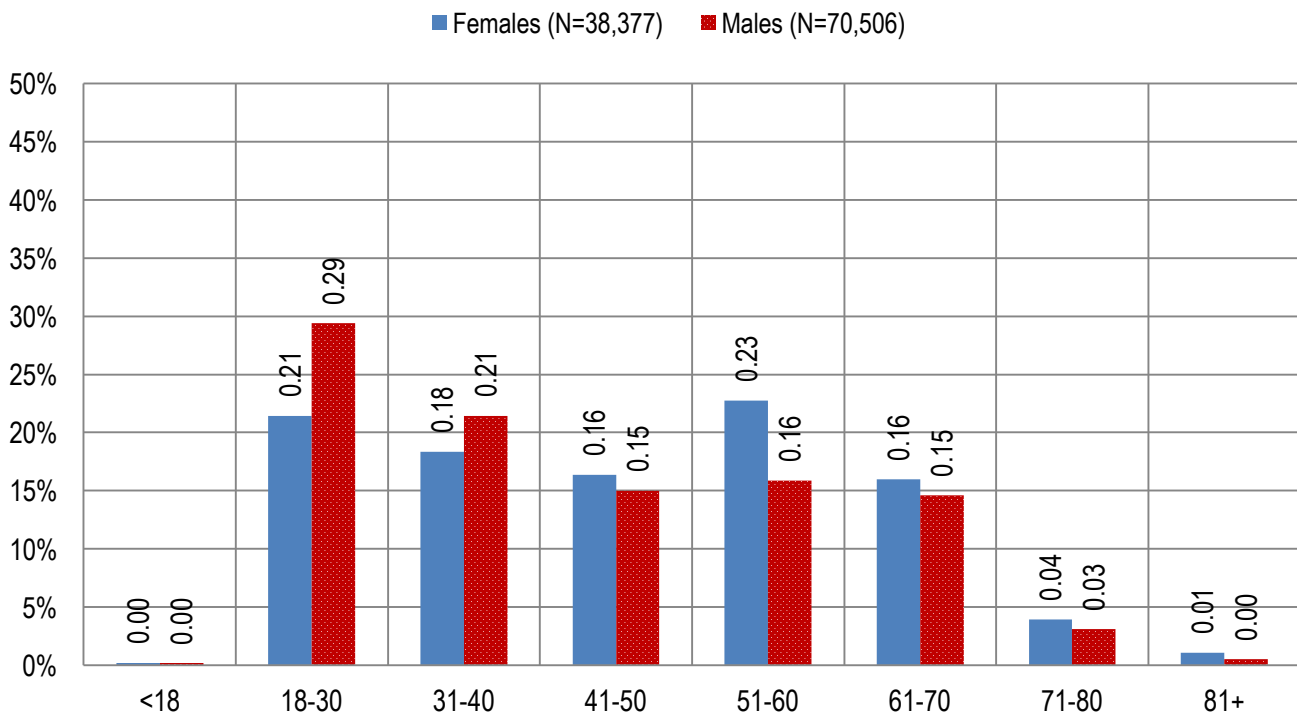
**Figure 1a. Gender and Age Characteristics of Qualifying Patient (QP) Applications Received in FY16**

**(N =109,109)**



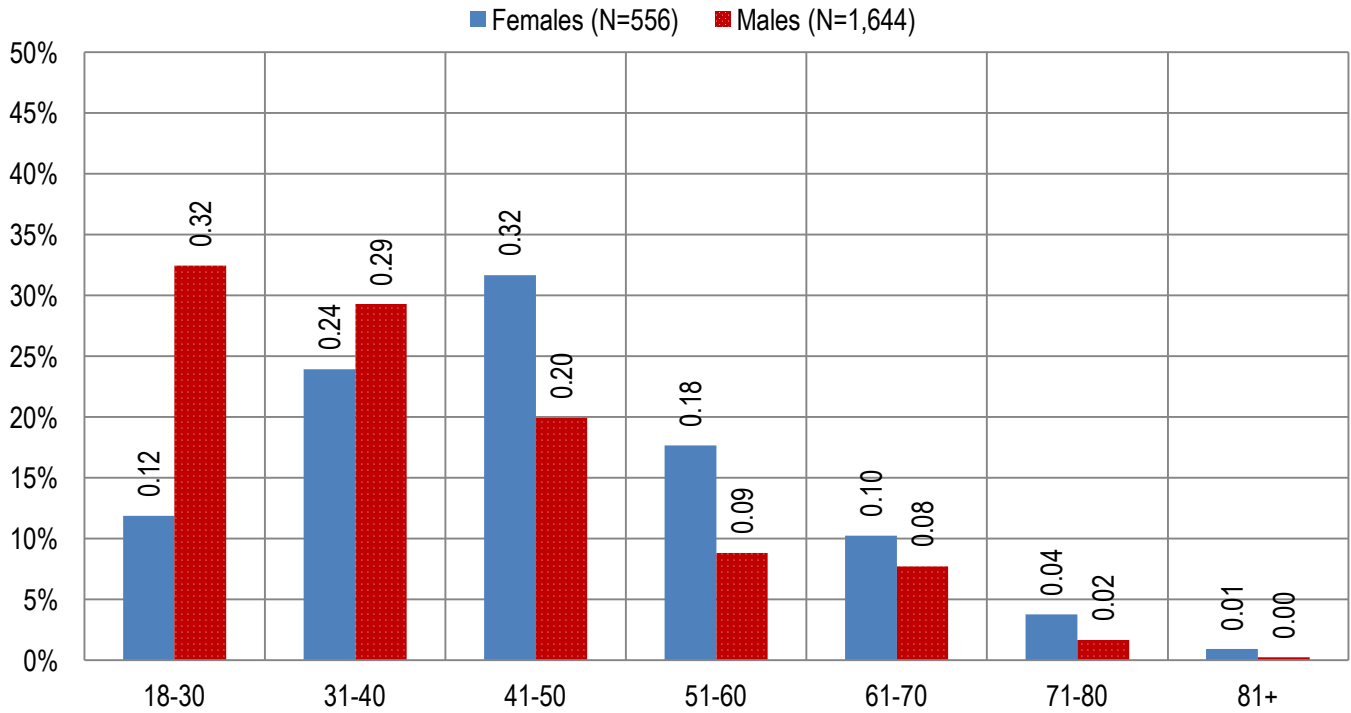
**Figure 1b. Gender and Age Characteristics of Licensed Qualifying Patients in FY16**

**(N =108,883)**

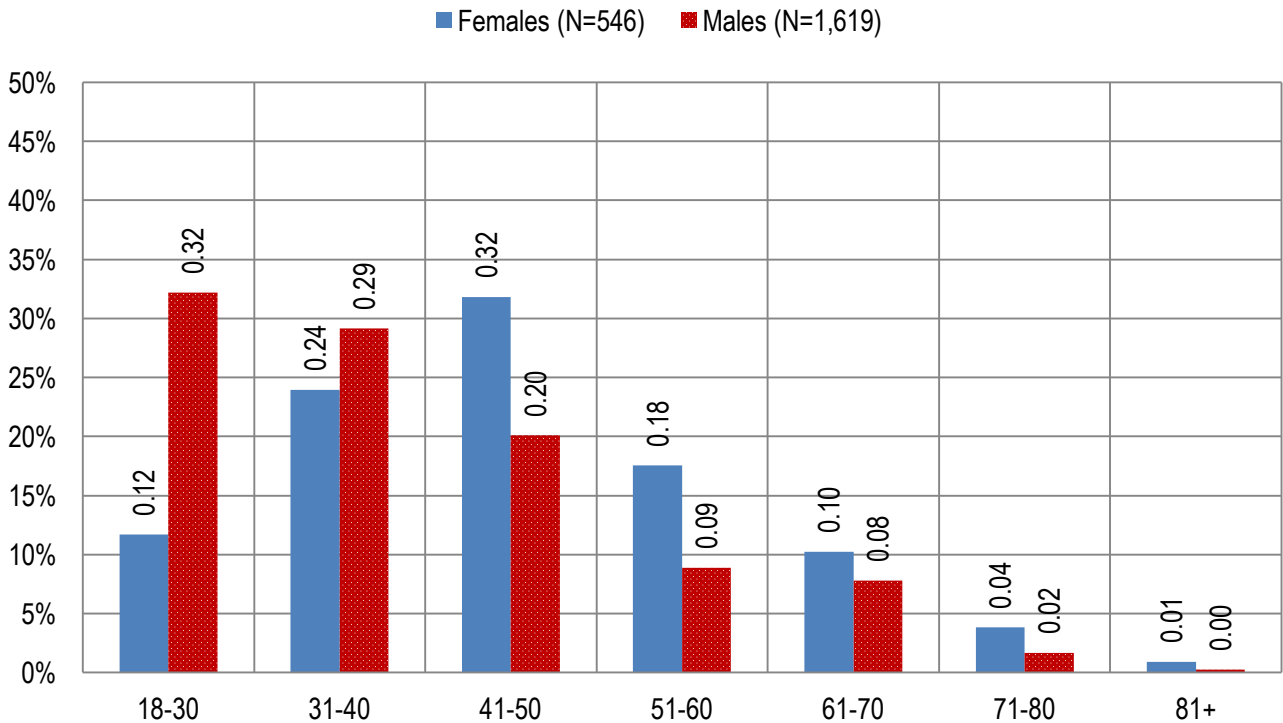




**Figure 2a. Gender and Age Characteristics of Caregiver Applications Received in FY16**  
**(N = 2,200)**



**Figure 2b. Gender and Age Characteristics of Licensed Care Caregivers in FY16**  
**(N = 2,166)**



**Table 4a. Patient Medical Conditions Profile for Arizona Medical Marijuana Applications Received in FY16**

Patient Medical Condition Profile of Applications Received	FY 16 Totals	Percent Total
Alzheimer's	47	0.04%
Cachexia	96	0.09%
Cancer	2,919	2.68%
Chronic Pain	88,568	81.17%
Crohn's Disease	445	0.41%
Glaucoma	765	0.70%
Hepatitis C	875	0.80%
HIV/AIDS	499	0.46%
Muscle Spasms	698	0.64%
Nausea	698	0.64%
Post-Traumatic Stress Disorder (PTSD)	1,319	1.21%
Sclerosis	27	0.02%
Seizures	945	0.87%
Two Or More Conditions	11,208	10.27%
<b>TOTAL</b>	<b>109,109</b>	<b>100.00%</b>

<sup>¶</sup>Unique debilitating conditions

**Table 4b. Licensed Qualifying Patients Medical Conditions Profile in FY16**

Patient Medical Condition Profile of Applications Approved <sup>¶</sup>	FY 16 Totals	Percent Total
Alzheimer's	47	0.04%
Cachexia	96	0.09%
Cancer	2,909	2.67%
Chronic Pain	88,414	81.20%
Crohn's Disease	445	0.41%
Glaucoma	763	0.70%
Hepatitis C	873	0.80%
HIV/AIDS	497	0.46%
Muscle Spasms	695	0.64%
Nausea	698	0.64%
Post-Traumatic Stress Disorder (PTSD)	1,312	1.20%
Sclerosis	27	0.02%
Seizures	939	0.86%
Two Or More Conditions	11,168	10.26%
<b>TOTAL</b>	<b>108,883</b>	<b>100.00%</b>

<sup>¶</sup>Unique debilitating conditions

**Table 5a. Arizona Medical Marijuana Applications Received for Applicants Seeking Authorization to Cultivate in FY16**

<b>Applications Received for Cardholders with Cultivation Status</b>	<b>FY 16 Totals</b>	<b>Percent Total</b>
Qualifying Patients (n = 109,109)	1,668	1.53%
Caregivers (n = 2,200)	0	0.00%

**Table 5b. Arizona Medical Marijuana Licensed Qualifying Patients and Designated Caregivers Authorized for Cultivation in FY16**

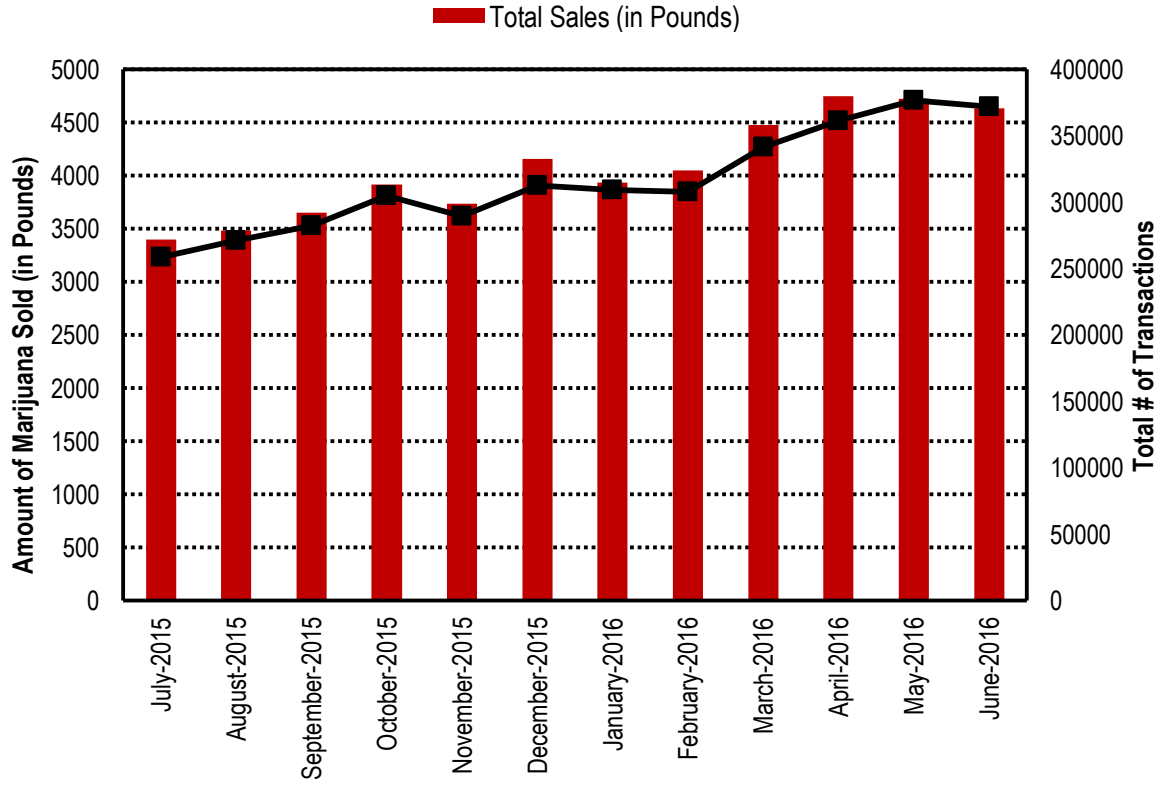
<b>Approved Cardholders Cultivation Status</b>	<b>FY16 Totals</b>	<b>Percent Total</b>
Qualifying Patients (n = 108,883)	1,620	1.47%
Caregivers (n = 2,166)	0	0.00%

**Table 7a. Types and Amounts of Transactions at Medical Marijuana Dispensaries in FY16**

<b>Type of Transaction<sup>†</sup></b>	<b>Ounces (oz.)</b>	<b>Pounds</b>
Marijuana	712,858.66	44,553.67
Marijuana Edible	52,931.54	3,308.22
Marijuana Other	16,430.00	1,026.87
<b>Total Marijuana Sold</b>	<b>782,220.20</b>	<b>48,888.76</b>

<sup>†</sup> Amounts have been rounded and may not added to exact totals

Figure 5. Transactions and Amounts of Medical Marijuana Sold in FY16 by Month



## Arizona Medical Marijuana Year-End Comparison

Information contained in the summary tables below represents a comparison of information for the last month of FY 15 (June 2015) and FY 16 (June 2016).

**Table 8: Arizona Medical Marijuana Active Qualifying Patients, Designated Caregivers and Dispensary Agents Profile Summary Comparison**

Active Cardholder Profile	June 2015 Totals	June 2016 Totals	Totals n(% Change)
1. Qualifying Patients (QPs)	76,698	102,040	25,342 (24.84%)
2. Caregivers (CGs)	695	860	165 (19.19%)
3. Dispensary Agents (DA)	1,898	2,752	854 (31.03%)
<b>Total</b>	<b>79,291</b>	<b>105,652</b>	<b>26,361 (24.95%)</b>

**Table 9: Arizona Medical Marijuana SNAP Eligible Active Cardholders Comparison**

Active Cardholders who are SNAP Eligible	June 2015 Totals	June 2016 Totals	Totals n(% Change)
1. Male	5,563	6,923	1,360 (19.64%)
2. Female	4,377	5,698	1,321 (23.18%)
<b>Total</b>	<b>9,940</b>	<b>12,612</b>	<b>2,672 (21.19%)</b>

**Table 9. Arizona Medical Marijuana Active Qualifying Patient Demographics Comparison**

Characteristics of Active Cardholders who are Qualified Patients	June 2015 Totals (N=76,697)	June 2016 Totals (N=102,040)	Totals n(% Change)
<b>Patient Age-groups</b>			
Less than 18 years	109	164	55(33.54%)
18 to 30 years	18,605	25,264	6,659(26.36%)
31 to 40 years	15,372	20,902	5,530(26.46%)
41 to 50 years	12,095	16,089	3,994(24.82%)
51 to 60 years	15,148	18,685	3,537(18.93%)
61 to 70 years	12,177	16,341	4,164(25.48%)
71 to 80 years	2,606	3,812	1,206(31.64%)
81 and older	585	783	198(25.29%)
<b>Patient Gender</b>			
Male	50,977	65,762	14,785(22.48%)
Female	25,720	36,278	10,558(29.10%)

**Table 10. Arizona Medical Marijuana Licensed Qualifying Patients Medical Conditions Profile Comparison**

Active Cardholder Patient Medical Condition Profile <sup>¶</sup>	June 2015 Totals	June 2016 Totals	Totals n(% Change)
Alzheimer's	34	47	13(27.66%)
Cachexia	57	93	36(38.71%)
Cancer	2,052	2,793	741(26.53%)
Chronic Pain	56,699	82,772	26,073(31.50%)
Crohn's Disease	372	426	54(12.68%)
Glaucoma	578	722	144(19.94%)
Hepatitis C	802	836	34(4.07%)
HIV/AIDS	371	464	93(20.04%)
Muscle Spasms	702	668	-34(-5.09%)
Nausea	558	661	103(15.58%)
Post-Traumatic Stress Disorder (PTSD)	517	1,226	709(57.83%)
Sclerosis	34	27	-7(-25.93%)
Seizures	684	879	195(22.18%)
Two Or More Conditions	13,237	10,426	-2,811(-26.96%)
<b>TOTAL</b>	<b>76,797</b>	<b>102,040</b>	<b>25,243(24.74%)</b>

¶Unique debilitating conditions

**Table 11. Arizona Medical Marijuana Licensed Qualifying Patients and Designated Caregivers Authorized for Cultivation Comparison**

Active Cardholder Cultivation Status	June 2015 Totals	June 2016 Totals	Totals n(% Change)
Qualifying Patients	1,426 (n=70,189)	1,394 (n=102,040)	-32(-2.30%) (n=31,851)
Caregivers	399 (n=657)	437 (n=1,083)	38(8.70%) (n=426)