



**COLORADO**  
Department of Revenue  
Enforcement Division - Marijuana

# MED 2017 Mid-Year Update

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**Michael Hartman**

Executive Director

Colorado Department of Revenue

**Heidi Humphreys**

Deputy Executive Director

Colorado Department of Revenue

**Cory Amend**

Senior Director of Enforcement

Colorado Department of Revenue

**Jim Burack**

Director, Marijuana Enforcement Division

Colorado Department of Revenue



December 8, 2017

## Licensing Data

### Active Occupational Licenses

- On average, the number of active occupational licensees increases by 641 licenses per month. As of June 30, 2016 there were a total of 34,459 active occupational licensees.

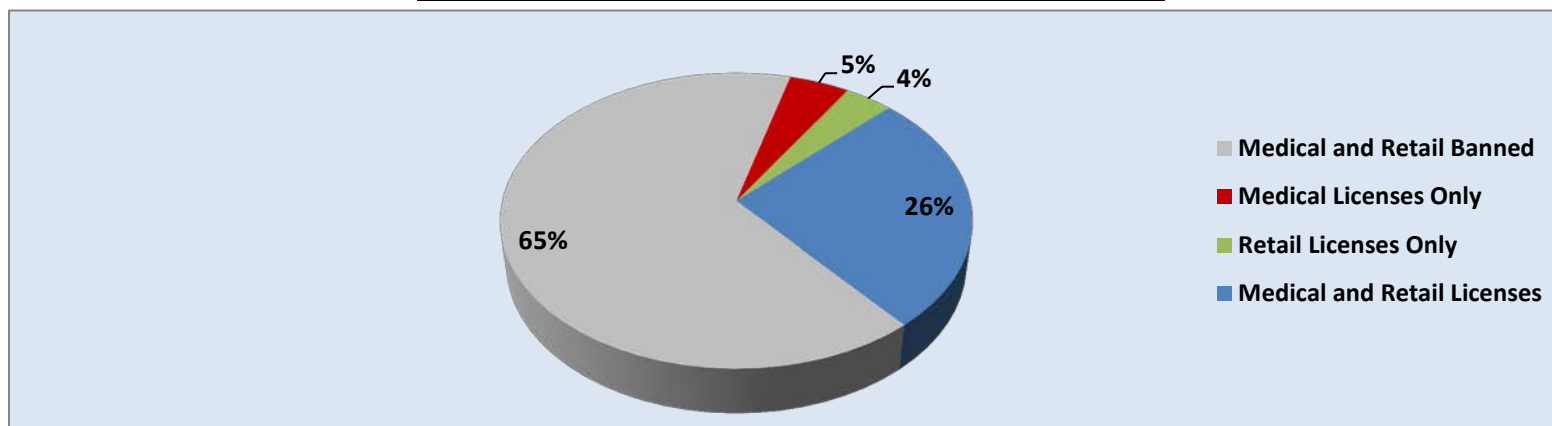
### Retail Product Manufacturing Facilities

- The number of Retail Product Manufacturing Facilities increased by just over 10% in the first six months of 2017.

**Table 1: Status of Local Jurisdictions Reporting Marijuana Licensing as of June 30, 2017**

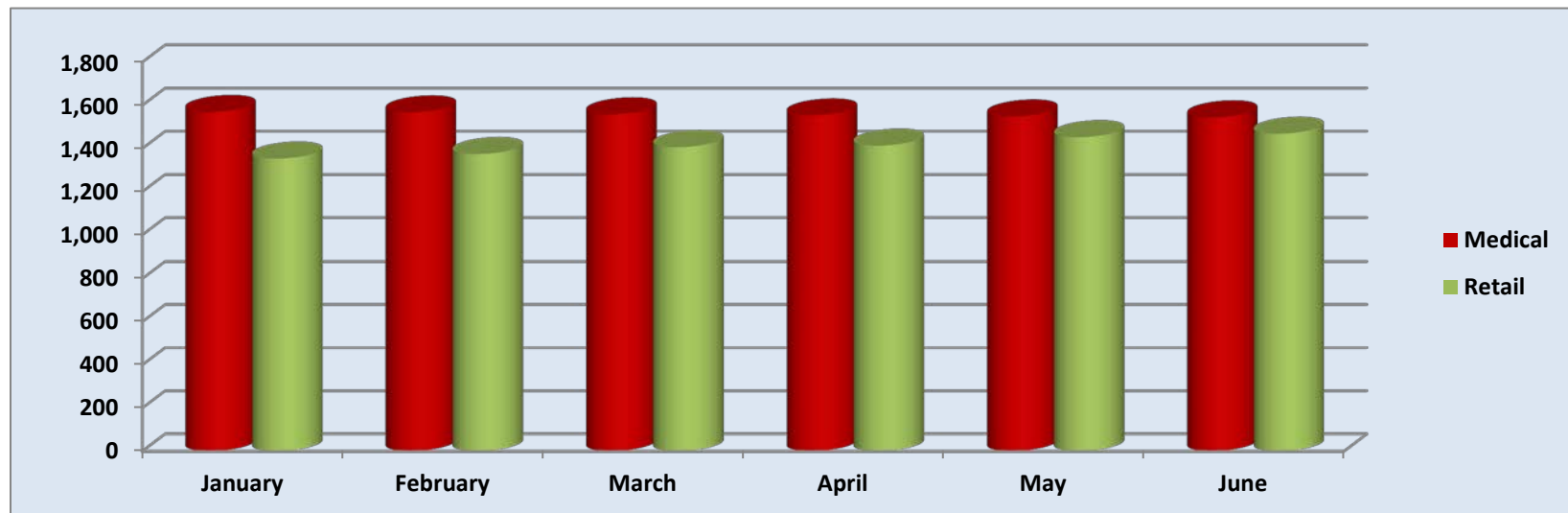
Medical and Retail Marijuana Banned	209
Medical Marijuana Licenses Only	15
Retail Marijuana Licenses Only	11
Medical and Retail Marijuana Licenses	85
<b>Total</b>	<b>320</b>

**2017 Local Jurisdiction Licensing Status (Table 1)**



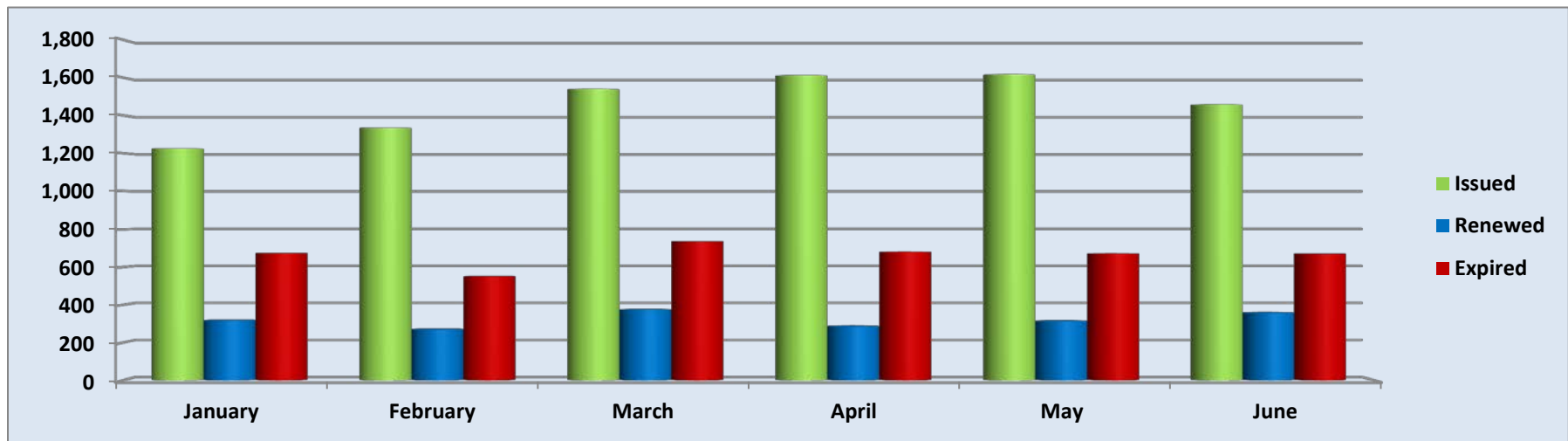
<b>Table 2: Month-End Business and Establishment License Totals by Type in 2017</b>						
	January	February	March	April	May	June
<b>Medical Marijuana Businesses</b>						
Centers	524	523	519	518	513	509
Cultivation Operations	782	781	775	772	770	765
Infused Product Manufacturers	249	249	250	249	251	256
Testing Facilities	14	14	14	14	14	14
<b>Total Medical Licenses</b>	<b>1,569</b>	<b>1,567</b>	<b>1,558</b>	<b>1,553</b>	<b>1,548</b>	<b>1,544</b>
<b>Retail Marijuana Establishments</b>						
Stores	463	473	480	478	491	492
Cultivation Facilities	631	641	659	665	684	692
Product Manufacturing Facilities	246	247	254	257	263	271
Testing Facilities	13	13	13	13	14	13
<b>Total Retail Licenses</b>	<b>1,353</b>	<b>1,374</b>	<b>1,406</b>	<b>1,413</b>	<b>1,452</b>	<b>1,468</b>
<b>Total Medical and Retail Licenses</b>	<b>2,922</b>	<b>2,941</b>	<b>2,964</b>	<b>2,966</b>	<b>3,000</b>	<b>3,012</b>

**2017 Monthly Medical Business & Retail Establishment License Totals (Table 2)**



<b>Table 3: Month-End Occupational License Totals in 2017</b>							
<b>*All Occupational Licenses are issued and renewed for a two year period.</b>							
	January	February	March	April	May	June	Total
Key Licenses Issued	355	305	401	439	422	316	<b>2,238</b>
Support Licenses Issued	870	1,030	1,139	1,173	1,195	1,142	<b>6,549</b>
<b>Total New Occupational Licenses Issued</b>	<b>1,225</b>	<b>1,335</b>	<b>1,540</b>	<b>1,612</b>	<b>1,617</b>	<b>1,458</b>	<b>8,787</b>
Key Licenses Renewed	124	133	168	118	146	167	<b>856</b>
Support Licenses Renewed	193	136	205	167	167	190	<b>1058</b>
<b>Total Occupational Licenses Renewed</b>	<b>317</b>	<b>269</b>	<b>373</b>	<b>285</b>	<b>313</b>	<b>357</b>	<b>1,914</b>
Key Licenses Expired	125	112	163	141	135	142	<b>818</b>
Support Licenses Expired	548	438	573	539	536	528	<b>3,162</b>
<b>Total Occupational Licenses Expired</b>	<b>673</b>	<b>550</b>	<b>736</b>	<b>680</b>	<b>671</b>	<b>670</b>	<b>3,980</b>
Percentage of Occupational Licenses Renewed	32.02%	32.60%	33.63%	29.53%	31.80%	34.76%	32.47%
<b>Total Active Occupational Licenses</b> (On the last day of each month listed)	<b>31,256</b>	<b>31,856</b>	<b>32,417</b>	<b>33,121</b>	<b>33,664</b>	<b>34,459</b>	

**2017 Monthly Totals For Occupational Licenses Issued, Renewed, and Expired (Table 3)**



# Cultivated Plants

## 2016 vs 2017 Monthly Average

- On average, there were an additional 139,605 plants cultivated per month during the first six months of 2017 compared to the first six months of 2016.

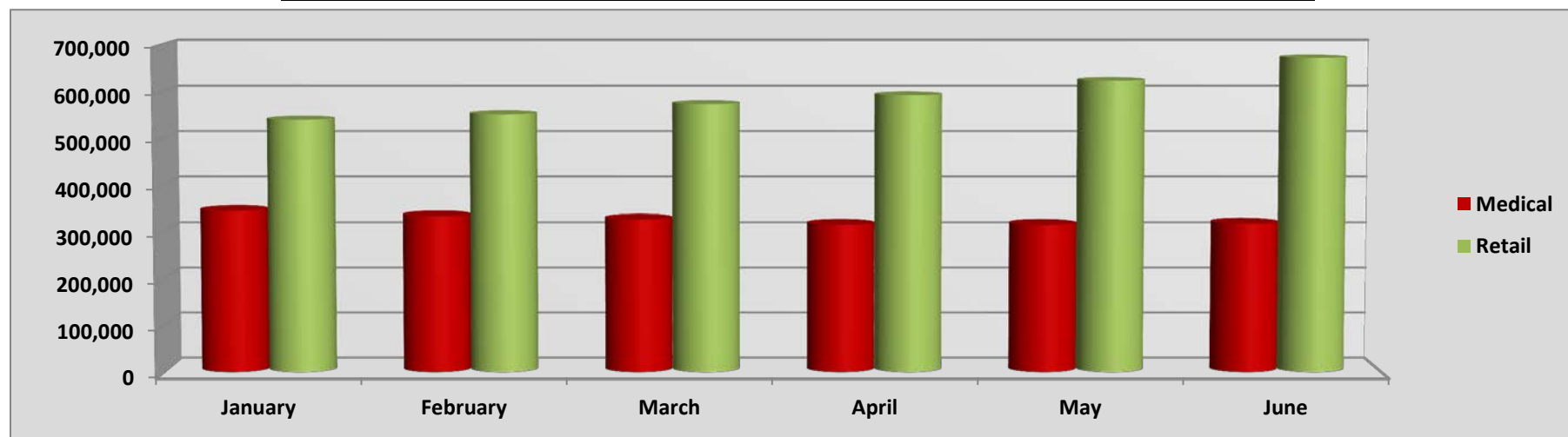
## Plants by County

- Denver County's share of the total plants in the state decreased from 62% in January, 2017 to 55% in June, 2017. This is likely a result of the seasonal cultivation patterns in some parts of the state.

**Table 4: Monthly Average of Marijuana Plants Cultivated in 2017**

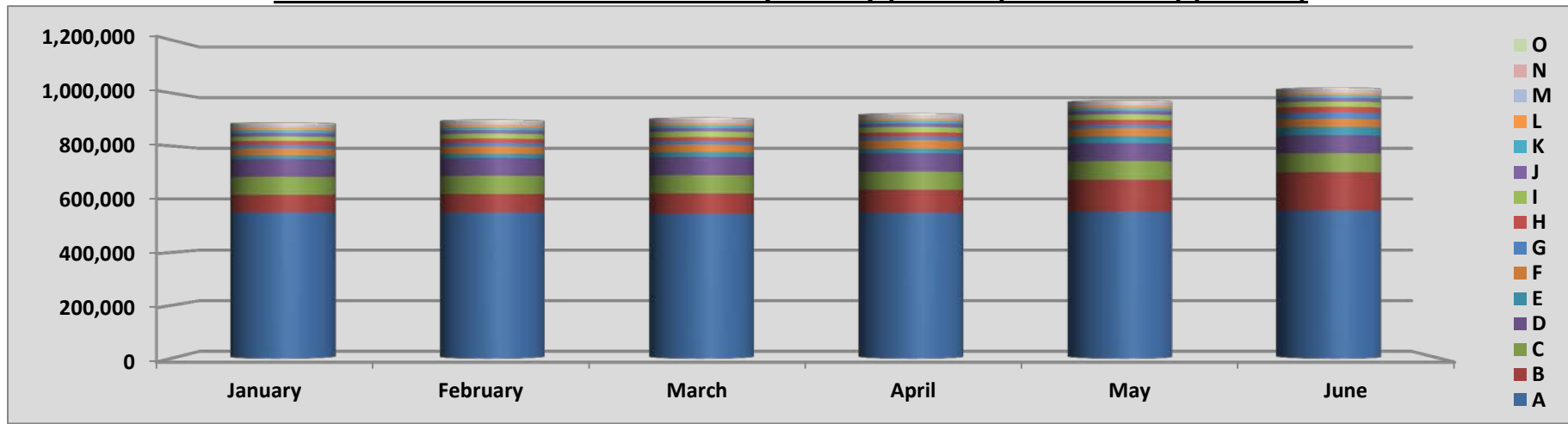
	Jan	Feb	Mar	Apr	May	June
Average Medical Cultivated Plants	346,503	335,140	328,209	317,174	317,027	319,543
Average Retail Cultivated Plants	540,924	552,698	574,553	593,495	624,646	673,327
<b>Combined Average Cultivated Plants</b>	<b>887,427</b>	<b>887,838</b>	<b>902,762</b>	<b>910,669</b>	<b>941,673</b>	<b>992,870</b>

**2017 Monthly Totals for Medical & Retail Average Cultivated Plants (Table 4)**



<b>Table 5: 2017 Month-End Total Plant Count by County (or Group of Counties)</b>							
		<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>April</u>	<u>May</u>	<u>June</u>
<b><u>A</u></b>	Denver	551,457	551,034	546,073	549,840	554,768	558,327
<b><u>B</u></b>	Pueblo	64,341	67,288	74,706	84,867	117,599	142,584
<b><u>C</u></b>	El Paso	68,138	69,512	69,317	68,251	70,305	71,850
<b><u>D</u></b>	Boulder	66,344	66,911	68,597	69,167	67,491	67,426
<b><u>E</u></b>	Conejos, Costilla, Huerfano, Las Animas, Saguache	13,754	15,735	17,414	17,562	25,949	31,622
<b><u>F</u></b>	Garfield, Mesa, Routt	26,357	27,650	28,936	31,610	30,471	30,421
<b><u>G</u></b>	Eagle, Grand, Pitkin, Summit	13,011	13,015	13,294	13,922	13,287	22,519
<b><u>H</u></b>	Chaffee, Fremont, Lake	15,245	16,391	14,745	15,705	18,565	22,344
<b><u>I</u></b>	Adams, Arapahoe	16,723	18,294	21,155	20,112	20,270	19,807
<b><u>J</u></b>	Larimer	13,119	13,470	13,667	13,843	13,654	14,382
<b><u>K</u></b>	Clear Creek, Gilpin, Jefferson	11,216	10,644	10,471	10,501	10,426	10,110
<b><u>L</u></b>	Archuleta, La Plata, Montezuma, San Juan	10,026	9,466	8,778	8,292	9,135	8,332
<b><u>M</u></b>	Morgan, Sedgwick, Weld	8,304	8,493	8,447	7,667	8,286	7,803
<b><u>N</u></b>	Gunnison, Montrose, Ouray, San Miguel	4,919	4,847	5,668	6,411	6,899	6,770
<b><u>O</u></b>	Park, Teller	4,887	5,105	4,700	4,440	4,024	4,876
	<b><u>TOTAL</u></b>	<b><u>887,841</u></b>	<b><u>897,855</u></b>	<b><u>905,968</u></b>	<b><u>922,190</u></b>	<b><u>971,129</u></b>	<b><u>1,019,173</u></b>

**2017 Month-End Total Plant Count by County (or Group of Counties) (Table 5)**



## Volume Sold to Consumers

### Flower Sales

- Medical sales accounted for 44% of the total volume of flower sold to consumers during the first six months of 2017. In the first six months of 2016, medical sales accounted for 52% of the total volume of flower sold.

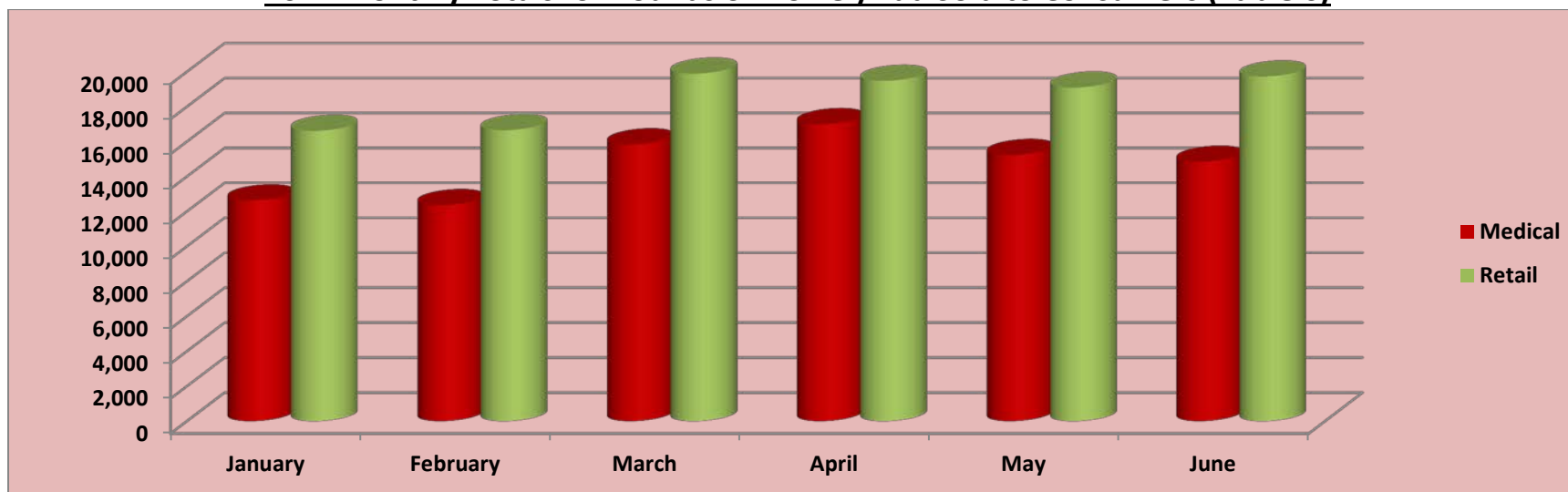
### Edible and Non-Edible Sales

- Medical sales accounted for 25% of the total units of edibles and 20% of the total units of non-edibles sold to consumers in 2017. In the first six months of 2016, those percentages were 32% and 31% respectively.

**Table 6: Pounds of Flower/Bud Sold Monthly in 2017**

	January	February	March	April	May	June	Total
Medical	12,628	12,356	15,837	16,994	15,229	14,843	<b>87,887</b>
Retail	16,611	16,648	19,890	19,475	19,089	19,725	<b>111,438</b>
<b>Total</b>	<b>29,239</b>	<b>29,004</b>	<b>35,727</b>	<b>36,469</b>	<b>34,318</b>	<b>34,568</b>	<b>199,325</b>

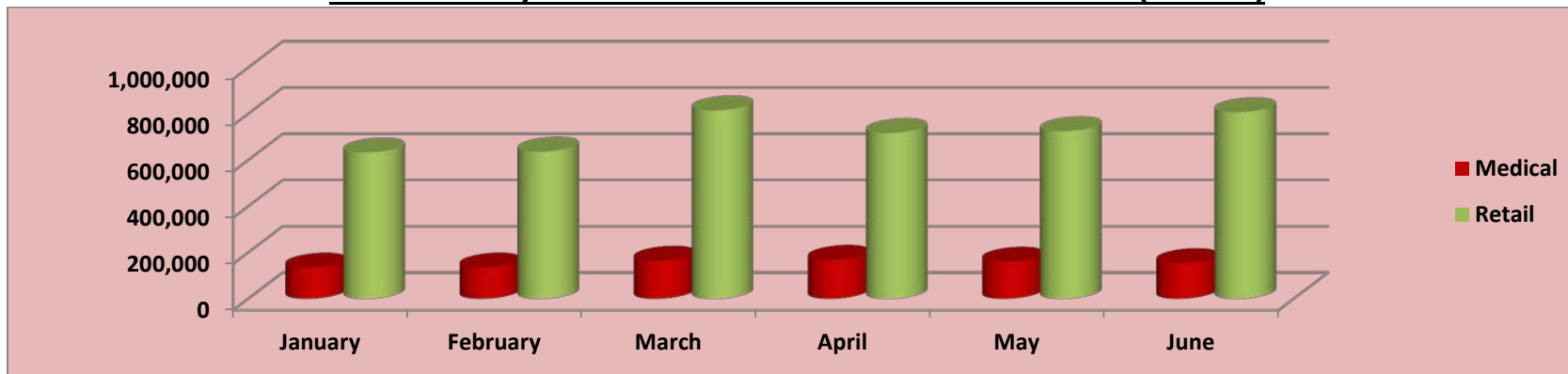
**2017 Monthly Totals for Pounds of Flower/Bud Sold to Consumers (Table 6)**



**Table 7: Units of Edibles Sold Monthly in 2017**

	January	February	March	April	May	June	Total
Medical	134,660	134,892	164,571	168,169	160,252	154,130	<b>916,674</b>
Retail	632,212	635,771	814,593	716,336	724,069	806,701	<b>4,329,682</b>
<b>Total</b>	<b>766,872</b>	<b>770,663</b>	<b>979,164</b>	<b>884,505</b>	<b>884,321</b>	<b>960,831</b>	<b>5,246,356</b>

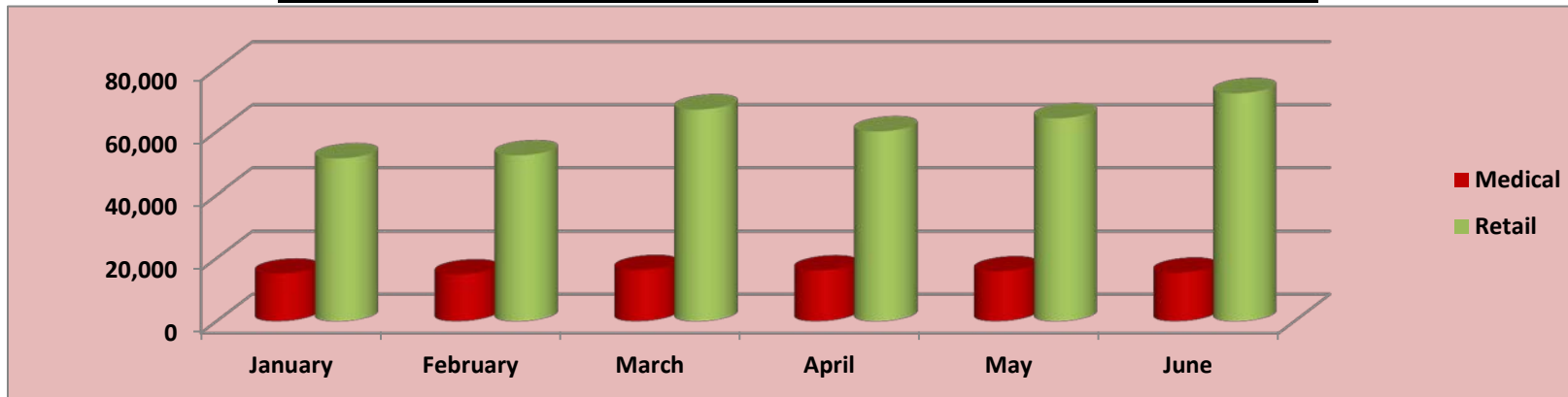
**2017 Monthly Total Units of Edibles Sold to Consumers (Table 7)**



**Table 8: Units of Non-Edibles Sold Monthly in 2017**

	January	February	March	April	May	June	Total
Medical	15,077	14,846	16,234	16,100	15,799	15,404	<b>93,461</b>
Retail	51,529	52,510	67,065	60,079	64,254	72,231	<b>367,666</b>
<b>Total</b>	<b>66,606</b>	<b>67,355</b>	<b>83,299</b>	<b>76,179</b>	<b>80,053</b>	<b>87,635</b>	<b>461,127</b>

**2017 Monthly Total Units of Non-Edibles Sold to Consumers (Table 8)**





## Testing Data

### Contaminant Testing

- 34,817 individual packages of retail marijuana were submitted for contaminant testing during the first six months of 2017.

### Potency Testing

- There were 61,536 individual packages of retail marijuana submitted for testing in the first six months of 2017.

**Table 9: Retail Marijuana Potency and Homogeneity Testing in 2017**

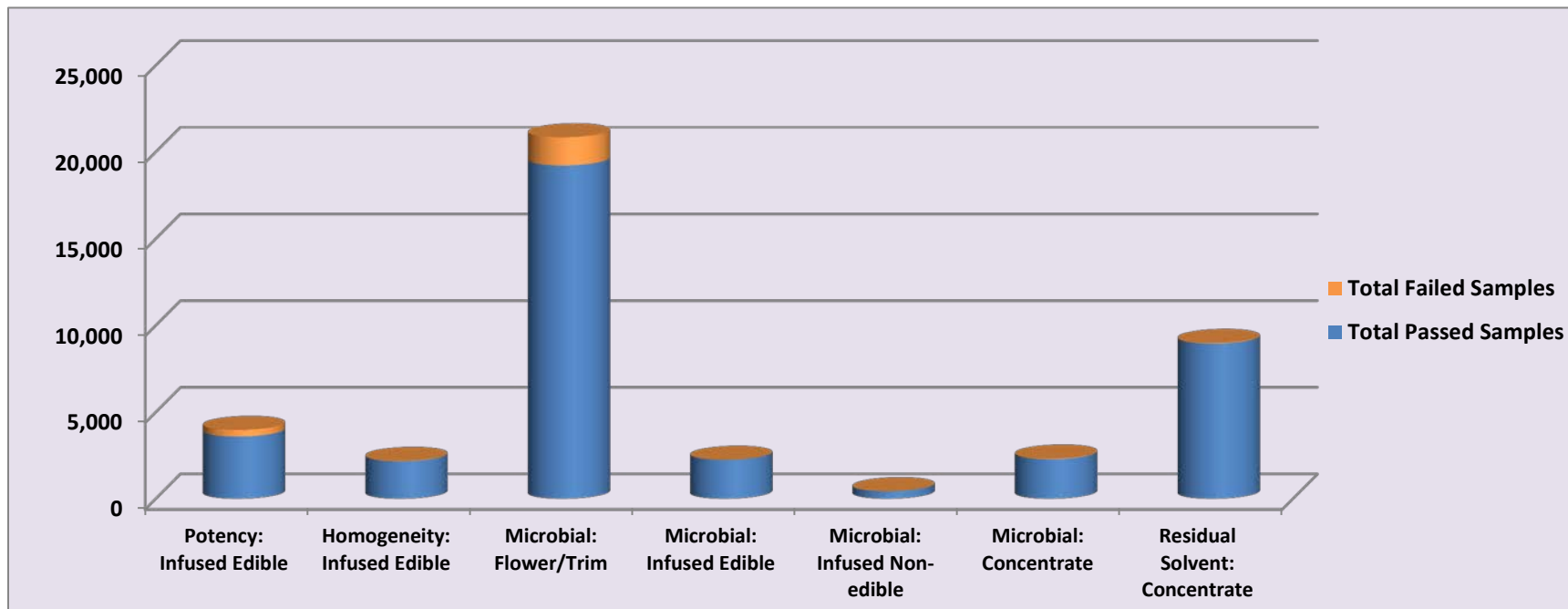
	Jan	Feb	Mar	Apr	May	June	Total
Flower and Shake/Trim Packages Tested (Potency)	3,825	3,495	4,564	3,928	4,571	4,277	<b>24,660</b>
Infused Edible Packages Tested (Potency)	590	531	559	520	599	784	<b>3,583</b>
Infused Edible Packages Tested (Homogeneity)	317	350	327	269	375	534	<b>2,172</b>
Infused Non-edible Packages Tested (Potency)	173	179	206	189	162	198	<b>1,107</b>
Concentrate Packages Tested (Potency)	4,593	4,463	5,517	5,105	5,020	5,316	<b>30,014</b>

**Table 10: Retail Marijuana Contaminant Testing in 2017**

	Jan	Feb	Mar	Apr	May	June	Total
Flower and Shake/Trim Packages Tested (Microbial Contaminants)	3,236	3,193	3,854	3,336	3,746	3,483	<b>20,848</b>
Infused Edible Packages Tested (Microbial Contaminants)	408	331	374	333	380	419	<b>2,245</b>
Infused Non-edible Packages Tested (Microbial Contaminants)	73	89	61	62	67	77	<b>429</b>
Concentrate Packages Tested (Microbial Contaminants)	253	363	417	417	440	422	<b>2,312</b>
Concentrate Packages Tested (Residual Solvent Contaminants)	1,818	1,365	1,743	1,188	1,352	1,517	<b>8,983</b>

<b>Table 11: Retail Marijuana Testing Results (Percentage of Packages That Passed Testing) in 2017</b>							
	Jan	Feb	Mar	Apr	May	June	Total
Infused Edible Potency Results	88.3%	88.5%	90.9%	91.5%	90.7%	87.0%	<b>89.3%</b>
Infused Edible Homogeneity Results	100%	99.1%	98.8%	99.4%	99.7%	97.9%	<b>99.0%</b>
Flower and Shake/Trim Microbial Contaminant Results	92.1%	92.5%	94.0%	90.8%	91.2%	92.5%	<b>92.2%</b>
Infused Edible Microbial Contaminant Results	99.5%	99.7%	99.7%	99.7%	100%	100%	<b>99.8%</b>
Infused Non-edible Microbial Contaminant Results	100%	100%	100%	100%	100%	100%	<b>100%</b>
Concentrate Microbial Contaminant Results	98.5%	97.8%	98.3%	98.1%	99.5%	99.1%	<b>98.5%</b>
Concentrate Residual Solvent Contaminant Results	100%	99.8%	99.5%	99.4%	99.7%	99.3%	<b>99.6%</b>

**2017 Total Testing Results By Test Type (Tables 9-13)**



## Investigation Information

### Underage Sales Checks

- Over 95% of Underage Sales Checks were passed by licensees in the first six months of 2017.

### Change of Ownership Investigations

- The Division processed 320 Change of Ownership applications in the first six months of 2017. This represents roughly 10% of all licenses.

Table 14: Background Investigations	Total Number of Investigations as of June 30, 2017
Business Background Investigation	279
Individual Background Investigation	382
Renewal Investigation	1,276
Change of Ownership Investigation	320

Table 15: Enforcement Investigations	Total Number of Investigations as of June 30, 2017
Change of Location Investigation	30
Modification of Premises Investigation	224
Change of Trade Name Investigation	71
Underage Sales Check Investigation (% of Checks Passed)	113 (95.6%)
Regulatory and Criminal Investigation	586

**Table 16: Administrative Actions Issued by the State Licensing Authority in 2017**

	Medical Centers	Medical Cultivations	Medical MIPs	Retail Stores	Retail Cultivations	Retail Product Manufacturers	Retail Testing Facilities	Owners or Occupational Badge Holder	Total Licenses Affected
Assurance of Voluntary Compliance	2	3	0	0	0	0	0	6	<b>11</b>
Denial	0	3	1	1	1	1	0	63	<b>70</b>
Summary Suspension	1	9	3	2	4	2	0	21	<b>42</b>
Order to Show Cause	1	3	0	3	0	0	0	11	<b>18</b>
Stipulation, Agreement, and Order	22	33	4	23	16	2	2	81	<b>183</b>
<b>Totals</b>	<b>26</b>	<b>51</b>	<b>8</b>	<b>29</b>	<b>21</b>	<b>5</b>	<b>2</b>	<b>182</b>	<b>324</b>

**2017 Administrative Actions Issued (Table 16)**

