



COLORADO
Department of Revenue
Enforcement Division – Marijuana

MED 2019 Annual Update

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May 1, 2020

Licensing Data

Table 1: New Business Licenses Issued as of December 31, 2019	
Medical Center	16
Medical Cultivation	7
Medical Infused-Product Manufacturer (MIPs)	6
Medical Testing Facility	2
Medical Transporter	2
Total Medical	33
Adult Use Store	45
Adult Use Cultivation	57
Adult Use Infused-Product Manufacturer (MIPs)	29
Adult Use Testing Facility	4
Adult Use Transporter	2
Total Adult Use	137
Grand Total	170

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Table 2: Monthly Establishment License Totals by Type												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Medical Marijuana Businesses												
Stores	467	464	462	462	460	455	451	452	452	451	446	442
Cultivation Facilities	685	677	667	665	649	636	608	509	495	485	473	469
Product Manufacturers	240	240	239	237	231	230	225	225	225	222	222	219
Testing Facilities	11	11	11	11	12	12	11	11	11	12	12	12
Transporter	6	7	7	7	7	5	5	5	5	5	5	5
Total Medical Licenses	1,409	1,399	1,386	1,382	1,359	1,338	1,300	1,202	1,188	1,175	1,158	1,147
Adult Use Marijuana Establishments												
Stores	550	552	554	563	564	566	565	571	574	574	572	572
Cultivation Facilities	740	732	720	705	706	704	700	703	699	690	683	684
Product Manufacturers	283	286	286	282	285	287	289	289	291	289	291	288
Testing Facilities	11	11	12	11	13	13	13	13	13	13	13	13
Transporter	6	7	7	7	7	5	5	5	5	5	5	5
Total Adult Use Licenses	1,590	1,588	1,579	1,568	1,575	1,575	1,572	1,581	1,582	1,571	1,564	1,562
Total Medical and Adult Use Licenses	2,999	2,987	2,965	2,950	2,935	2,914	2,872	2,783	2,770	2,746	2,722	2,709

Monthly Medical Business & Adult Use Establishment License Totals as of December 31, 2019 (Table 2)

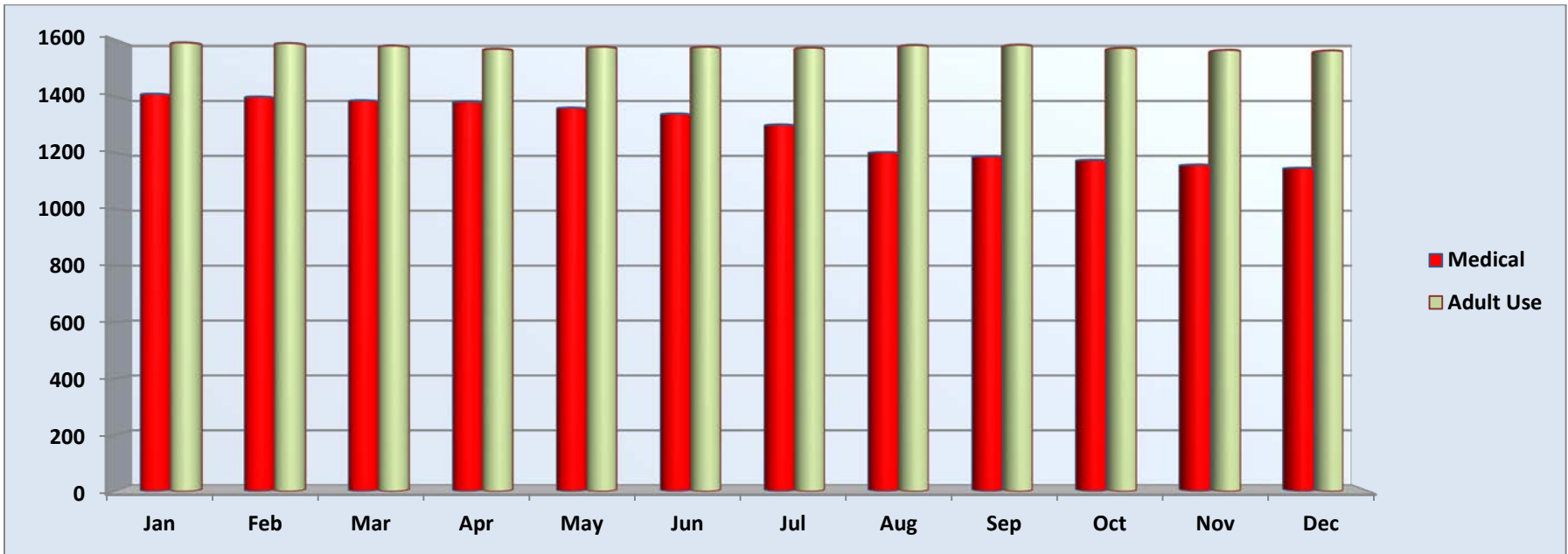
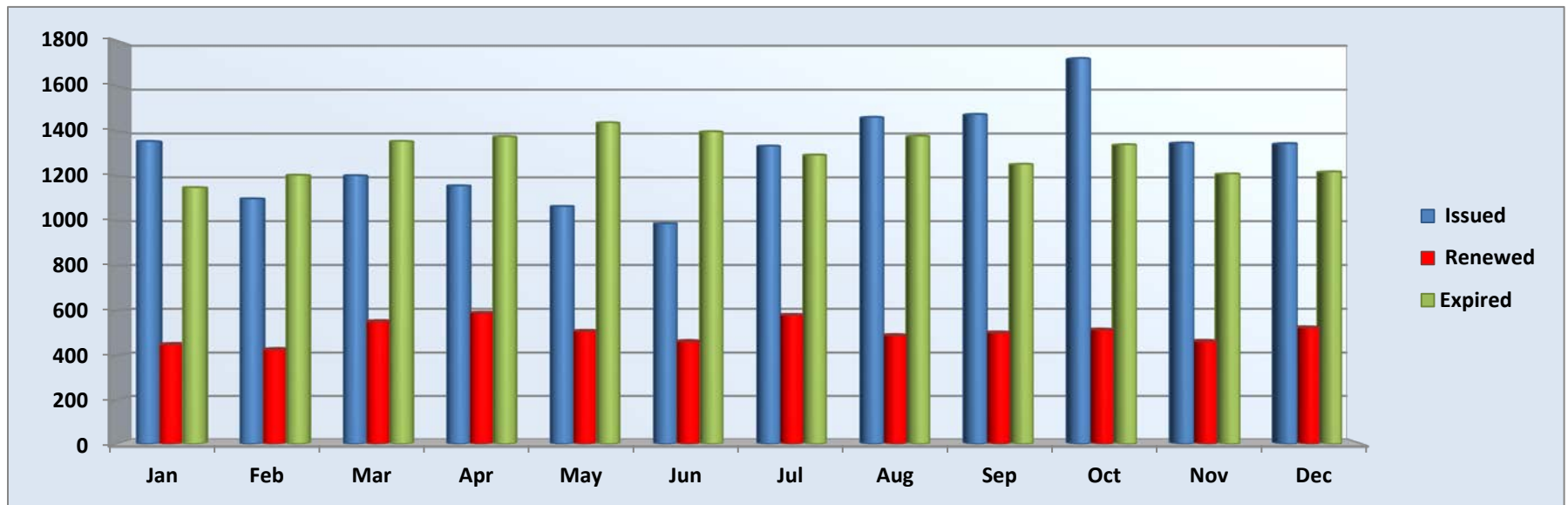


Table 3: Month-End Occupational License Totals as of December 31, 2019

***All Occupational Licenses are issued and renewed for a two year period.**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Key Licenses Issued	360	266	328	357	324	302	406	425	444	452	286	88
Support Licenses Issued	995	833	874	800	741	686	928	1037	1,031	1,272	1,062	1257
Total New Occupational Licenses Issued	1,355	1,099	1,202	1,157	1,065	988	1,334	1,462	1,475	1,724	1,348	1345
Key Licenses Renewed	244	232	290	303	269	242	333	261	247	279	247	312
Support Licenses Renewed	205	194	262	287	239	220	247	228	254	235	216	212
Total Occupational Licenses Renewed	449	426	552	590	508	462	580	489	501	514	463	524
Key Licenses Expired	275	224	283	316	358	319	292	307	288	292	263	304
Support Licenses Expired	875	980	1,072	1,060	1,081	1,079	1,002	1,071	965	1,048	947	915
Total Occupational Licenses Expired	1,150	1,204	1,355	1,376	1,439	1,398	1,294	1,378	1,253	1,340	1,210	1,219
Percentage of Occupational Licenses Renewed	28.1%	26.1%	28.9%	30.0%	26.1%	24.8%	30.9%	26.2%	28.6%	27.7%	27.7%	30.1%
Total Active Occupational Licenses (On the last day)	40,115	40,206	40,074	39,814	39,440	39,168	38,639	38,750	38,961	39,231	39,584	39,672

Monthly Totals For Occupational Licenses Issued, Renewed, and Expired as of December 31, 2019 (Table 3)



Cultivated Plants

Average Life Cycle of a Marijuana Plant Harvested in 2019 was 128 Days



Table 4: Monthly Average of Marijuana Plants Cultivated as of December 31, 2019

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Avg. Medical Cultivated Plants	276,745	275,277	274,318	275,342	283,585	286,299	297,303	311,528	307,972	314,758	317,511	319,374
Avg Adult Use Cultivated Plants	733,061	719,161	718,828	724,065	789,840	853,361	895,268	924,619	891,400	826,628	756,158	758,539
Combined Avg. Cultivated Plants	1,009,806	994,438	993,146	999,407	1,073,425	1,139,660	1,192,571	1,236,147	1,199,372	1,141,386	1,073,669	1,077,913

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Table 5: Month-End Total Plant Count by County (or Group of Counties) as of December 31, 2019

		<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>
A	Denver	539,492	533,737	533,340	528,927	536,884	538,868	542,210	548,590	553,038	553,224	565,895	561,357
B	Pueblo	118,350	119,966	122,014	140,683	201,806	234,635	250,061	255,192	243,184	148,326	134,421	135,660
C	El Paso	73,106	73,385	74,192	74,732	75,196	76,037	81,203	82,155	83,672	87,584	91,056	93,313
D	Boulder	59,617	57,314	57,299	57,432	58,145	57,477	61,865	61,404	62,951	59,500	60,897	61,827
E	Adams	21,780	23,821	24,987	27,531	28,651	30,774	30,996	33,144	30,270	33,915	32,175	32,725
F	Chaffee, Lake, Pitkin	29,707	29,183	28,809	28,085	28,872	28,545	28,888	28,871	28,888	28,851	28,631	27,762
G	Las Animas	8,094	8,884	8,106	12,947	30,259	32,604	36,729	40,148	37,411	15,150	10,469	10,618
H	Saguache	11,117	10,813	12,434	12,704	15,217	19,174	36,027	39,941	40,088	18,736	15,464	17,155
I	Garfield, Moffat	17,565	20,256	19,726	19,282	20,246	20,403	20,664	20,989	19,891	21,136	20,927	19,240
J	Huerfano	14,397	14,158	12,220	12,893	13,231	14,867	18,412	18,552	16,294	13,960	14,684	15,519
K	Archuleta, La Plata, Montezuma	12,434	11,930	12,203	11,997	11,677	12,963	13,022	13,188	11,863	13,080	13,144	13,641
L	Larimer	12,269	12,560	11,824	12,375	12,471	12,452	12,124	12,179	12,320	11,666	11,692	12,125
M	Routt	14,049	12,571	11,626	9,813	10,855	10,276	10,911	10,439	9,719	11,726	10,712	10,947
N	Custer, Fremont, Teller	7,182	7,309	7,755	12,915	12,510	14,303	12,555	13,279	12,293	8,579	8,401	8,945
O	Morgan, Sedgwick, Weld	11,709	11,708	11,037	10,681	10,011	8,532	7,125	6,499	7,092	7,345	7,328	7,335
P	Arapahoe	7,764	7,617	8,213	8,486	9,322	9,398	8,307	8,940	8,397	8,772	9,172	9,528
Q	Eagle	3,031	2,786	2,470	6,344	6,797	12,966	12,978	12,904	11,044	2,915	2,806	4,832
R	Jefferson	5,239	5,721	5,923	5,302	5,807	6,458	5,645	5,179	4,997	4,897	6,303	6,779
S	Park	5,698	6,414	6,226	6,806	7,166	6,099	4,619	4,888	7,003	6,634	3,436	3,044
T	Crowley, Otero	2,800	2,643	2,517	2,621	3,121	5,610	7,602	8,089	9,389	7,466	8,239	7,759
U	Delta, Gunnison, Mesa, Montrose	7,477	7,218	6,126	4,872	4,475	4,746	4,537	4,821	4,853	5,162	5,454	5,495
V	Ouray, San Juan, San Miguel	3,946	4,296	4,103	4,637	4,935	3,174	3,186	3,237	3,805	3,667	3,579	3,661
W	Clear Creek	2,977	3,053	3,160	3,080	3,083	3,070	2,962	3,297	2,950	3,258	2,941	3,118
X	Alamosa, Conejos, Costilla	1,844	1,216	1,163	1,488	1,445	1,619	3,626	3,789	4,158	2,595	2,877	2,582
Y	Gilpin, Grand, Summit	1,701	1,615	1,633	1,980	1,747	1,723	1,714	1,680	1,617	1,626	1,675	1,542
	Grand Total	993,345	990,174	989,106	1,018,613	1,113,929	1,166,773	1,217,968	1,241,394	1,227,187	1,079,770	1,072,378	1,076,509

Month-End Total Plant Count by County (or Group of Counties) as of December 31, 2019 (Table 5)

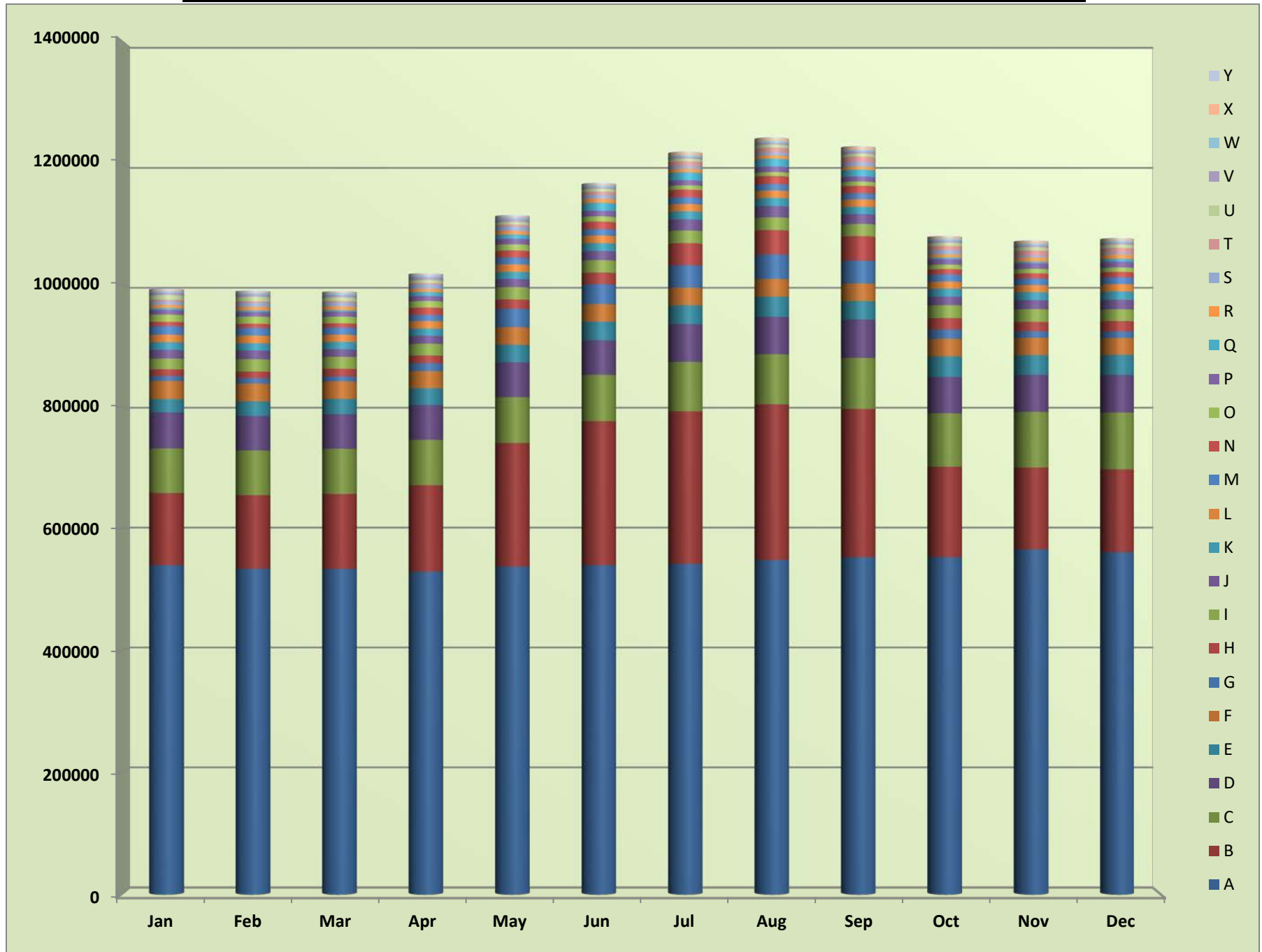


Table 6: Pounds of Usable Marijuana by Category as of December 31, 2019

<u>Category</u>	<u>Adult Use (lbs.)</u>	<u>Medical (lbs.)</u>	<u>Total (lbs.)</u>
Buds/Flower	492,532	205,727	698,259
Shake/Trim	316,812	102,614	419,426
Wet Whole Plants	188,420	73,260	261,679
Grand Total	997,764	381,600	1,379,364

Pounds of Usable Marijuana by Category as of December 31, 2019 (Table 6)

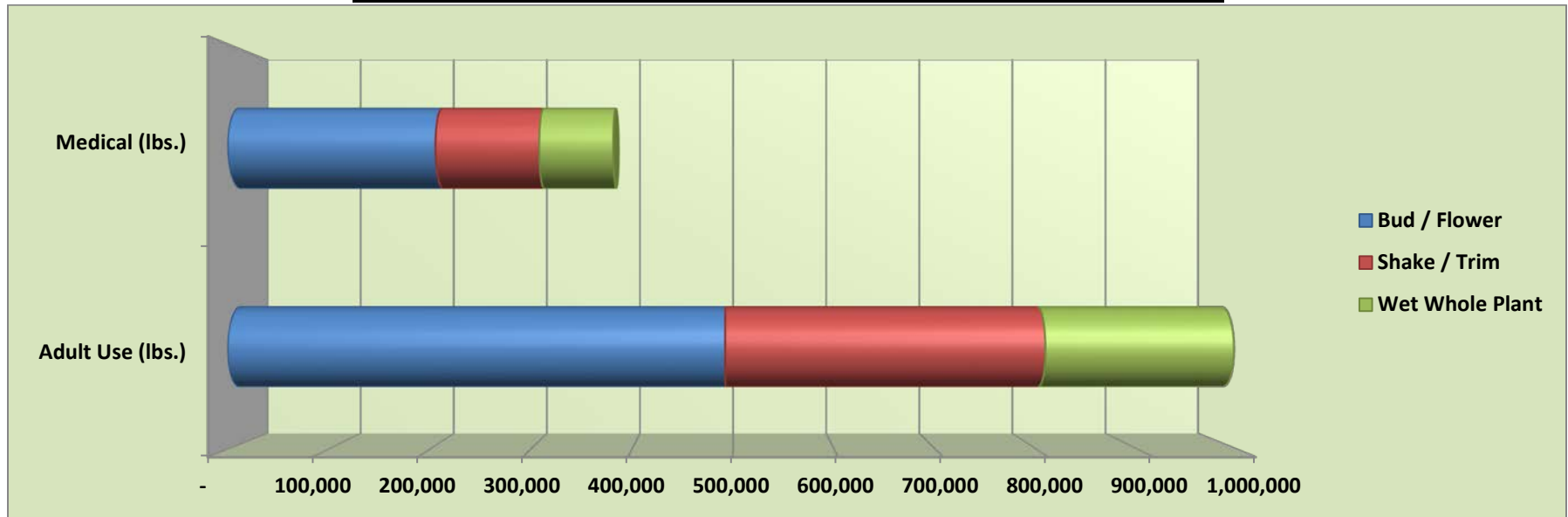


Table 7: Pounds of Usable Marijuana and Number of Harvested Plants by County as of December 31, 2019
 (Includes all types of usable marijuana: bud/flower, shake/trim, and wet whole plant)

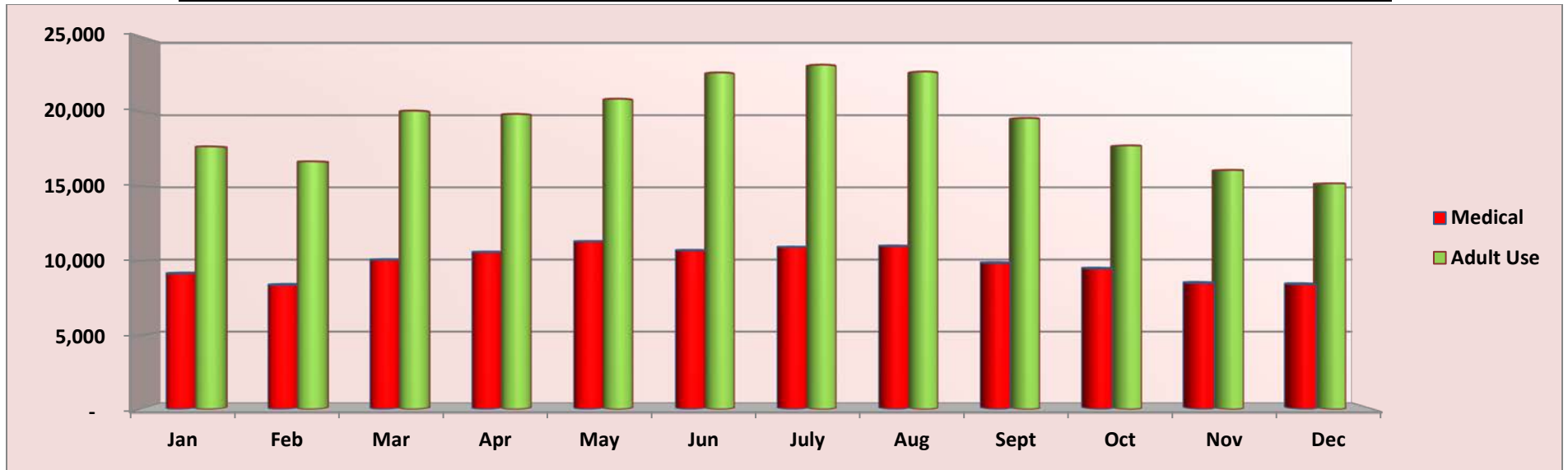
	<u>County</u>	<u>Total lbs. of Usable Marijuana</u>	<u>Harvested Plants</u>
<u>A</u>	Denver	666,340	1,684,925
<u>B</u>	Pueblo	270,895	461,859
<u>C</u>	El Paso	96,323	203,524
<u>D</u>	Boulder	84,255	153,356
<u>E</u>	Adams	40,128	89,010
<u>F</u>	Las Animas	36,086	48,621
<u>G</u>	Chaffee, Lake, Pitkin	28,978	109,862
<u>H</u>	Garfield, Moffat	22,083	54,578
<u>I</u>	Arapahoe	14,169	19,987
<u>I</u>	Routt	11,724	36,625
<u>K</u>	Larimer	11,059	33,672
<u>L</u>	Custer, Fremont, Teller	10,456	25,225
<u>M</u>	Archuleta, La Plata, Montezuma	10,378	31,920
<u>N</u>	Huerfano	10,159	39,089
<u>O</u>	Clear Creek	9,838	7,674
<u>P</u>	Saguache	9,604	37,079
<u>Q</u>	Crowley, Otero	7,715	13,919
<u>R</u>	Eagle	7,671	16,896
<u>S</u>	Morgan, Sedgwick, Weld	6,701	24,395
<u>T</u>	Ouray, San Juan, San Miguel	6,380	8,867
<u>U</u>	Park	6,004	10,612
<u>V</u>	Delta, Gunnison, Mesa, Montrose	3,871	14,977
<u>W</u>	Jefferson	3,543	15,363
<u>X</u>	Gilpin, Grand, Summit	3,398	4,030
<u>Y</u>	Alamosa, Conejos, Costilla	1,603	6,724
	Grand Total	1,379,364	3,152,789

Volume Sold To Consumers

Table 8: Pounds of Flower/Bud Sold Monthly as of December 31, 2019

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Medical	9,151	8,377	10,069	10,583	11,304	10,700	10,920	10,993	9,861	9,482	8,509	8,424	118,373
Adult Use	17,661	16,660	20,058	19,835	20,856	22,612	23,134	22,675	19,565	17,727	16,086	15,187	232,056
Total	26,812	25,037	30,127	30,418	32,160	33,312	34,054	33,668	29,426	27,209	24,595	23,611	350,429

Monthly Totals for Pounds of Flower/Bud Sold to Consumers as of December 31, 2019 (Table 8)



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Table 9: Units of Edibles Sold Monthly as of December 31, 2019

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Medical	145,249	143,771	164,706	155,546	148,722	136,267	138,085	138,195	123,847	131,565	130,290	143,598	1,699,841
Adult Use	906,223	881,147	1,098,948	992,814	1,002,722	1,077,778	1,214,655	1,217,516	1,082,679	1,047,203	990,917	1,100,918	12,613,520
Total	1,051,472	1,024,918	1,263,654	1,148,360	1,151,444	1,214,045	1,352,740	1,355,711	1,206,526	1,178,768	1,121,207	1,244,516	14,313,361

Monthly Total Units of Edibles Sold to Consumers as of December 31, 2019 (Table 9)

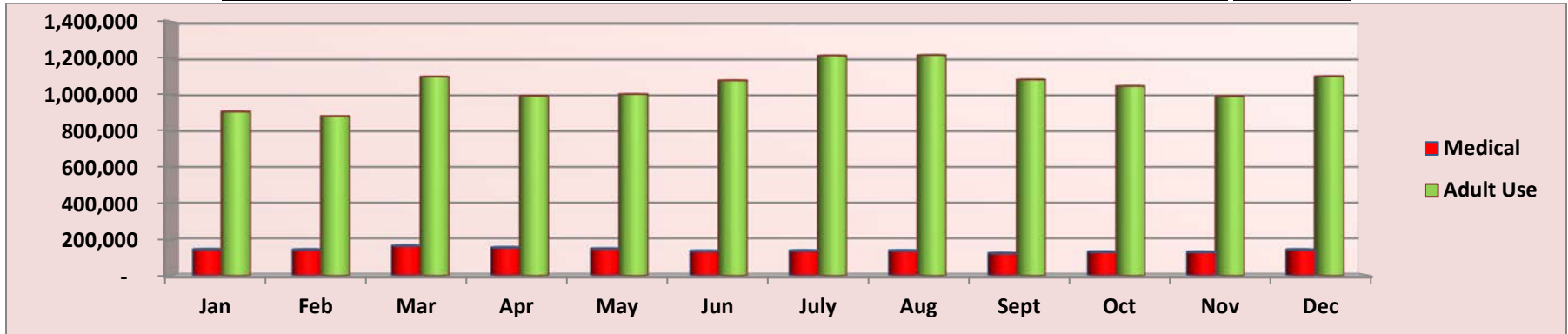


Table 10: Units of Non-Edible Infused Products Sold Monthly as of December 31, 2019

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Medical	12,462	13,143	14,998	13,329	14,072	12,232	12,427	11,899	9,350	10,884	8,999	10,328	144,123
Adult Use	73,975	71,486	87,026	80,992	83,638	88,827	97,629	100,237	88,070	74,531	68,072	78,743	993,226
Total	86,437	84,629	102,024	94,321	97,710	101,059	110,056	112,136	97,420	85,415	77,071	89,071	1,137,349

Monthly Total Units of Non-Edibles Sold to Consumers as of December 31, 2019 (Table 10)

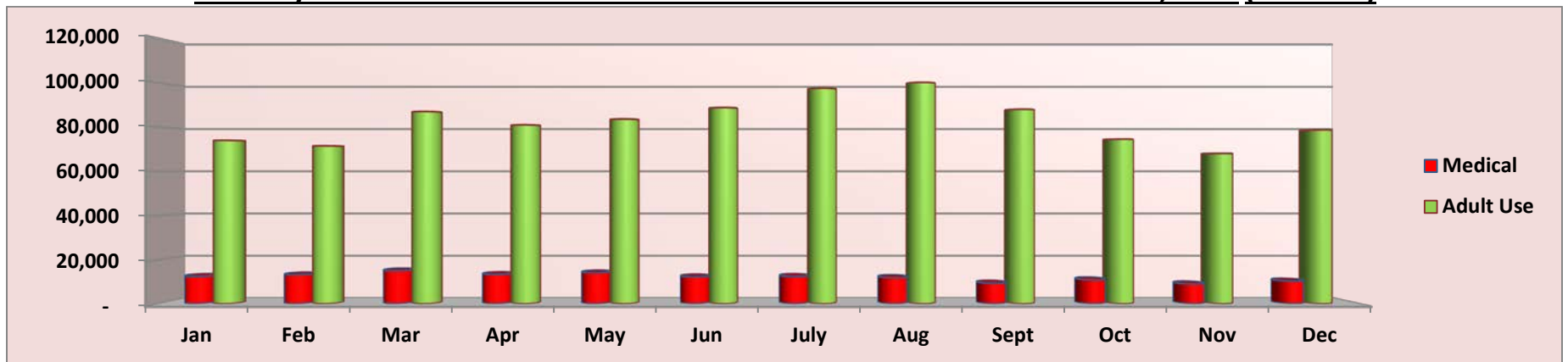


Table 11: Pounds* of Concentrate Sold Monthly as of December 31, 2019

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Medical	1,370	1,248	1,397	1,402	1,347	1,281	1,351	1,276	1,197	1,261	1,222	1,251	15,603
Adult Use	1,814	1,745	2,066	2,046	1,977	1,968	2,126	2,268	2,097	2,140	2,178	2,201	24,626
Total	3,184	2,993	3,463	3,448	3,324	3,249	3,477	3,544	3,294	3,401	3,400	3,452	40,229

Monthly Total Pounds of Concentrate Sold to Consumers (Table 11)

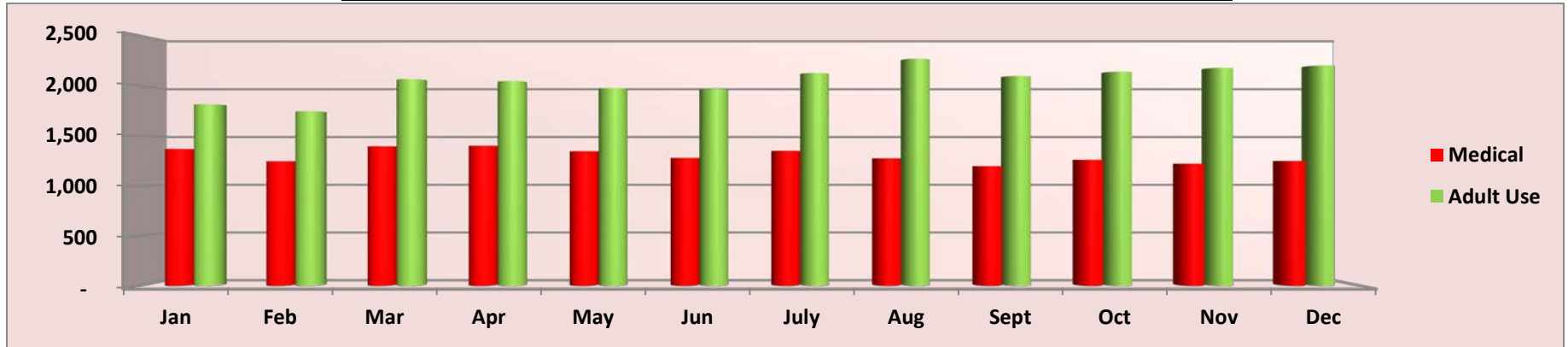
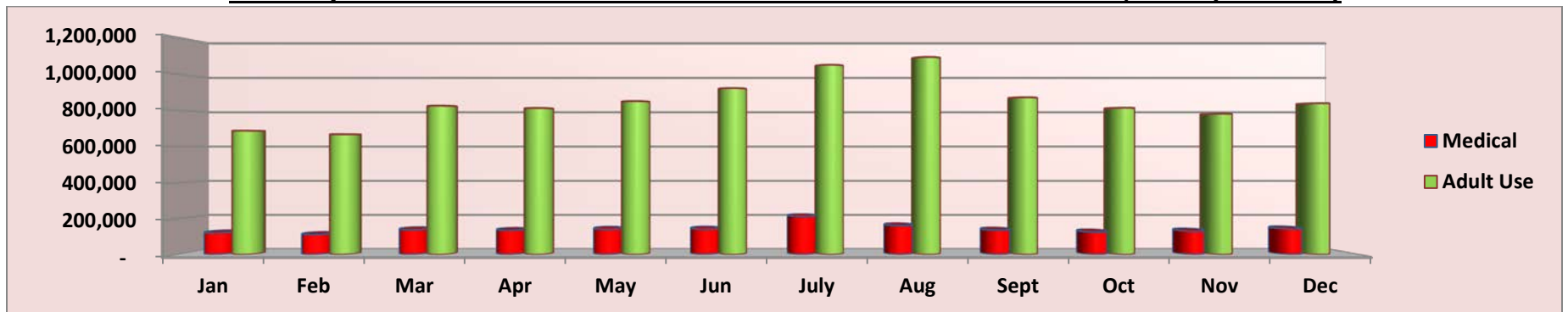


Table 12: Units* of Concentrates Sold Monthly as of December 31, 2019

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Medical	121,320	111,771	139,379	135,262	142,091	142,716	213,766	161,700	136,961	126,434	131,518	144,045	1,706,963
Adult Use	687,549	667,842	825,582	813,043	851,068	922,792	1,051,640	1,094,730	871,819	814,111	781,218	839,387	10,220,781
Total	808,869	779,613	964,961	948,305	993,159	1,065,508	1,265,406	1,256,430	1,008,780	940,545	912,736	983,432	11,927,744

Monthly Units of Concentrate Sold to Consumers as of December 31, 2019 (Table 12)



*The inventory tracking system tracks concentrates by either weight or unit based on the manufacturer's preference.

Testing Data

Table 13: Marijuana Potency and Homogeneity Package* Testing as of December 31, 2019

*The term "package" refers to a single test batch submitted to a Testing Facility

	Market	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Concentrate Potency Tests	Adult Use	6,115	5,628	6,640	7,260	6,713	6,228	6,556	6,422	5,730	6,206	5,805	5,948	75,251
	Medical	3,432	3,199	3,614	3,928	3,624	2,974	3,186	3,157	2,792	2,936	2,846	2,895	38,583
Flower and Shake/Trim Potency Tests	Adult Use	4,394	3,909	4,172	4,372	4,465	3,898	4,506	4,484	4,114	5,487	4,535	4,044	52,380
	Medical	3,514	2,788	2,902	3,256	3,094	2,498	2,979	2,665	2,210	2,766	2,298	2,386	33,356
Infused Edible Potency Tests	Adult Use	631	713	680	684	833	902	667	752	703	927	899	758	9,149
	Medical	433	373	323	323	324	284	244	275	255	271	293	297	3,695
Infused Edible Homogeneity Tests	Adult Use	545	560	543	544	655	743	546	613	589	710	725	634	7,407
	Medical	358	313	254	268	263	255	216	233	219	239	277	261	3,156
Infused Non-edible Potency Tests	Adult Use	113	99	138	155	104	119	104	119	125	119	121	149	1,465
	Medical	52	32	41	34	29	34	28	24	32	23	35	39	403

Table 14: Marijuana Contaminant Package Testing as of December 31, 2019

	Market	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Concentrate Microbial Contaminants Tests	Adult Use	495	483	488	468	407	442	467	501	399	434	508	424	5,516
	Medical	282	306	261	324	308	215	165	335	246	241	253	216	3,152
Concentrate Residual Solvents Tests	Adult Use	2,205	1,983	2,279	2,696	2,318	2,041	2,255	2,284	2,067	2,242	2,403	2,178	26,951
	Medical	1,253	1,149	1,361	1,452	1,099	844	917	879	835	790	970	1,080	12,629
Flower and Shake/Trim Microbial Contaminants Tests	Adult Use	3,340	2,963	3,467	3,450	2,954	3,011	3,237	3,719	3,725	4,143	3,622	3,206	40,837
	Medical	2,260	1,859	2,239	2,530	2,104	2,187	2,038	2,248	1,770	1,993	2,078	1,844	25,150
Flower and Shake/Trim Pesticides Tests	Adult Use	2,528	2,000	2,181	2,163	1,917	1,617	2,151	2,399	2,566	3,425	2,416	2,049	27,412
	Medical	1,975	1,345	1,459	1,574	1,408	1,179	1,544	1,516	1,466	1,927	1,542	1,364	18,299
Infused Edible Microbial Contaminants Tests	Adult Use	495	563	513	504	489	701	461	565	615	572	603	556	6,637
	Medical	308	234	195	209	204	208	156	187	215	155	220	186	2,477
Infused Non-edible Microbial Contaminants Tests	Adult Use	71	67	83	98	66	93	70	85	86	58	89	76	942
	Medical	27	18	29	27	26	30	17	17	27	15	27	21	281

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Table 15: Marijuana Testing Results as of December 31, 2019 (Percentage of Packages that Passed Testing)														
	Market	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Concentrate Microbial Contaminants Results	Adult Use	99.19%	99.17%	97.34%	95.73%	99.02%	99.55%	95.93%	97.21%	98.50%	99.08%	99.61%	99.29%	98.28%
	Medical	99.65%	99.67%	99.23%	98.77%	98.38%	99.53%	100%	98.81%	100%	98.34%	99.60%	99.07%	99.21%
Concentrate Potency Results	Adult Use	99.62%	99.72%	99.83%	99.53%	99.58%	99.76%	99.82%	99.77%	99.72%	99.66%	99.88%	99.76%	99.72%
	Medical	99.94%	99.97%	99.70%	99.95%	99.86%	99.83%	99.91%	99.81%	99.96%	99.90%	100%	99.97%	99.90%
Concentrate Residual Solvents Results	Adult Use	94.60%	93.49%	93.86%	92.58%	93.18%	96.37%	96.14%	95.97%	95.07%	95.54%	95.38%	95.27%	94.75%
	Medical	92.98%	95.39%	94.42%	96.28%	95.18%	96.33%	94.98%	94.31%	97.13%	92.66%	95.98%	94.26%	94.98%
Flower and Shake/Trim Microbial Contaminants Results	Adult Use	87.51%	87.07%	83.85%	85.33%	88.69%	83.86%	86.22%	83.09%	87.84%	86.41%	88.76%	87.87%	86.35%
	Medical	87.92%	89.94%	85.98%	87.19%	92.25%	86.65%	87.34%	85.10%	86.61%	86.60%	86.09%	86.17%	87.30%
Flower and Shake/Trim Pesticides Results	Adult Use	98.10%	99.05%	98.12%	96.72%	97.97%	98.27%	98.61%	98.21%	98.44%	99.01%	98.76%	99.22%	98.40%
	Medical	98.43%	97.84%	98.01%	98.60%	99.22%	99.66%	99.48%	98.94%	99.32%	99.53%	99.29%	99.71%	98.99%
Flower and Shake/Trim Potency Results	Adult Use	99.48%	99.85%	99.45%	99.43%	99.73%	99.79%	99.60%	99.17%	99.34%	99.54%	99.32%	99.55%	99.52%
	Medical	99.54%	99.86%	99.79%	99.82%	99.87%	99.88%	99.93%	99.70%	99.95%	99.93%	99.96%	100%	99.84%
Infused Edible Potency Results	Adult Use	89.22%	86.26%	88.53%	83.48%	86.07%	90.47%	90.40%	89.49%	87.34%	82.85%	86.87%	87.99%	87.33%
	Medical	91.45%	91.15%	91.95%	93.50%	90.12%	94.72%	91.80%	88.00%	88.24%	81.92%	90.44%	86.20%	90.12%
Infused Edible Homogeneity Results	Adult Use	91.74%	88.75%	90.61%	84.38%	87.63%	90.85%	92.31%	90.05%	87.95%	86.34%	87.03%	88.96%	88.82%
	Medical	91.06%	91.37%	92.13%	92.91%	91.63%	94.90%	92.59%	89.70%	92.69%	82.01%	89.89%	89.27%	90.87%
Infused Edible Microbial Contaminants Results	Adult Use	100%	99.64%	99.61%	99.60%	99.59%	99.71%	99.13%	99.12%	99.84%	100%	99.83%	98.74%	99.58%
	Medical	100%	100%	100%	100%	100%	100%	100%	99.47%	100%	100%	100%	100%	99.96%
Infused Non-edible Microbial Contaminants Results	Adult Use	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Medical	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Infused Non-Edible Potency Results	Adult	99.12%	91.92%	93.48%	93.55%	91.35%	97.48%	87.50%	89.92%	89.60%	84.03%	85.95%	89.26%	91.13%
	Medical	94.23%	96.88%	97.56%	94.12%	100%	100%	96.43%	95.83%	96.88%	91.30%	80.00%	87.18%	94.04%

Investigation Information

Table 16: Investigations Conducted by MED as of December 31, 2019

Investigation Type	Total Number of Investigations
Business Background Investigation	322
Change of Location Investigation	76
Change of Ownership Investigation	764
Change of Trade Name Investigation	64
Individual Background Investigation	517
Modification of Premises Investigation	386
Non-Qualified Sales Check Investigation (Percent Passed)	604 (97%)
Regulatory and Criminal Investigation	1,755
Renewal Investigation	4,098
Targeted Compliance Inspection	436

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Table 17: Licenses Included in Administrative Actions as of December 31, 2019 (Multiple licenses may be included in a single Administrative Action)

	Medical Stores	Medical Cultivations	Medical MIPs	Medical Testing Facilities	Adult Use Stores	Adult Use Cultivations	Adult Use Product Manufacturers	Adult Use Testing Facilities	Owners or Occupational Badge Holder	Total Licenses Affected
Assurance of Voluntary Compliance	8	12	3	0	6	5	3	0	27	64
Denial	1	3	0	0	0	3	0	0	48	55
Summary Suspension	6	8	1	0	6	7	1	0	18	47
Order to Show Cause	1	3	1	1	8	12	1	1	48	76
Stipulation, Agreement, and Order	38	43	2	1	39	30	5	1	154	313
Totals	54	69	7	2	59	57	10	2	295	555

Volume of Administrative Actions by Type as of December 31, 2019 (Table 17)

