ministero delle politiche agricole alimentari e forestali

DEPARTMENT OF CENTRAL INSPECTORATE FOR FRAUD REPRESSION AND QUALITY PROTECTION OF THE AGRI-FOOD PRODUCTS AND FOODSTAFFS

ICQRF

OIL MILL ITALY

Update of 23rd March 2020

Olive Oil stocked in Italy

by operators obliged to keep the olive oil computerized register

report n. 6/2020

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DIPARTIMENTO ICQRF
ISPETTORATO CENTRALE DELLA TUTELA DELLA QUALITA' E REPRESSIONE FRODI DEI PRODOTTI AGRO-ALIMENTARI

Oil mill Italy at 23rd March 2020

The Report is drawn up by the ICQRF on data recorded in the olive oil computerized registers (RTO).

On March 23, 2020, the operators present in the online olive oil register were 24,217, representative of 26,322 active premises.

The quantity of olive oil stocked in Italy on March 23, 2020 by the parties responsible for maintaining the RTO is **372,342 tons**, of which **348,296 are in bulk**.

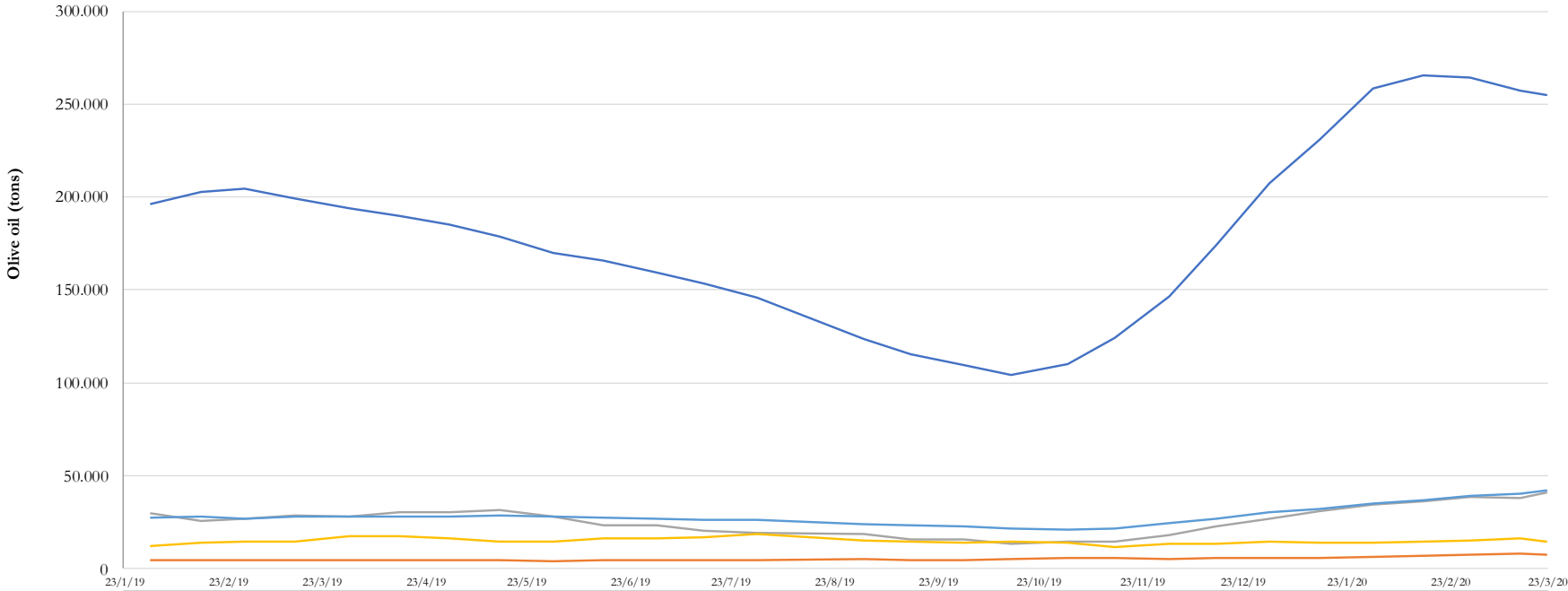
1. Summary

The stock of olive oil in Italy on March 23, 2020 is **372,342 tons**. Extra Virgin Olive Oil (EVO) represents the 68.5% of the stock. Among the EVO oil, the 64.9% (165,488 tons) is of Italian origin while the 30.5% is of EU origin. The extra-EU olive oil stocks (just 6,953 tons) and blend olive oils (4,920 tons) are marginal.

Table 1. Olive oil stocks in Italy by category and origin

OLIVE OIL	Olive Oil in bulk (t)	Olive oil packaged (t)	Total (t)	%
EVO oil	236.144	18.971	255.115	68,5%
Italian	*158.232*	*7.256*	*165.488*	*44,4%*
EU	*67.837*	*9.917*	*77.754*	*20,9%*
Extra EU	*6.839*	*113*	*6.953*	*1,9%*
Blend	*3.235*	*1.684*	*4.920*	*1,3%*
Virgin olive oil	7.595	147	7.742	2,1%
Italian	*3.141*	*135,9*	*3.277*	*0,9%*
EU	*4.448*	*11,1*	*4.459*	*1,2%*
Extra EU	*0*	*0*	*1*	*0,0%*
Blend	*6*	*0*	*6*	*0,0%*
Lampante olive oil	40.822	-	40.822	11,0%
Olive oil and refined olive oil	11.308	3.315	14.622	3,9%
Pomace olive oil	40.261	1.612	41.873	11,2%
Olive oil to be classified	12.166	-	12.166	3,3%
ITALY	*348.296*	*24.045*	*372.342*	*100%*

2. Olive oil stocked in Italy



	31/1/19	15/2/19	28/2/19	15/3/19	31/3/19	15/4/19	30/4/19	15/5/19	31/5/19	15/6/19	1/7/19	15/7/19	31/7/19	1/9/19	15/9/19	1/10/19	15/10/19	1/11/19	15/11/19	1/12/19	15/12/19	31/12/19	15/1/20	31/1/20	15/2/20	29/2/20	15/3/20	23/3/20
Extra Virgin Olive Oil	196.25	202.63	204.66	199.34	194.18	190.10	185.25	178.85	170.16	165.83	159.14	153.56	145.81	123.89	115.21	109.5	104.1	110.3	123.9	146.7	174.0	207.4	231.0	258.6	265.1	264.3	257.1	255.1
Virgin Olive Oil	4.899	4.786	4.660	4.659	4.531	4.477	4.497	4.552	4.302	4.592	4.515	4.912	4.925	5.333	4.709	4.833	5.134	5.691	5.697	5.419	5.784	6.113	6.044	6.426	7.194	7.794	7.874	7.742
Lampante Olive Oil	29.639	25.934	26.890	28.756	27.930	30.677	30.471	31.550	28.238	23.508	23.596	20.585	19.164	18.668	16.063	15.73	13.38	14.47	14.90	17.90	22.89	27.14	30.93	34.33	36.39	38.89	37.79	40.82
Olive Oil	12.331	13.817	14.772	14.543	17.287	17.365	16.548	14.621	14.882	16.440	16.312	16.860	18.611	15.368	14.533	13.78	14.77	13.87	11.79	13.62	13.18	14.61	14.24	14.25	14.64	15.45	16.17	14.62
Olive Pomace Oil	27.420	28.145	26.969	28.103	27.881	27.879	28.270	28.499	28.181	27.472	27.014	26.459	26.197	24.158	23.132	22.71	21.44	20.79	21.45	24.70	26.68	30.31	32.43	34.97	36.61	39.25	40.46	41.87

Figure 1. Trend of the national stock of olive oil by category: 31 January 2019 – 23 March 2020

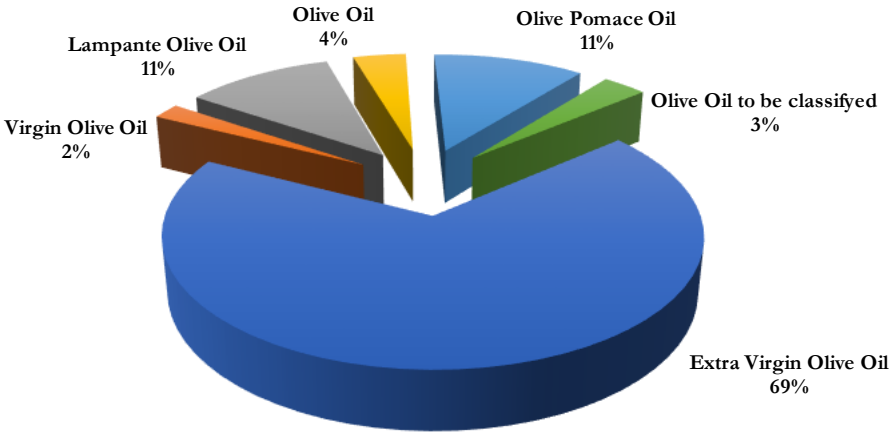


Figure 2. Olive oil stocks by category

Where is physically stocked the olive oil in Italy?

Over half of the national olive oil (58%) is stocked in the regions of southern Italy, with the significant contribution of the regions Puglia and Calabria (39.9% and 10.4%, respectively). At the provincial level, 18.5% of olive oil is stocked in the province of Bari and 10.1% in the Barletta-Andria-Trani province.

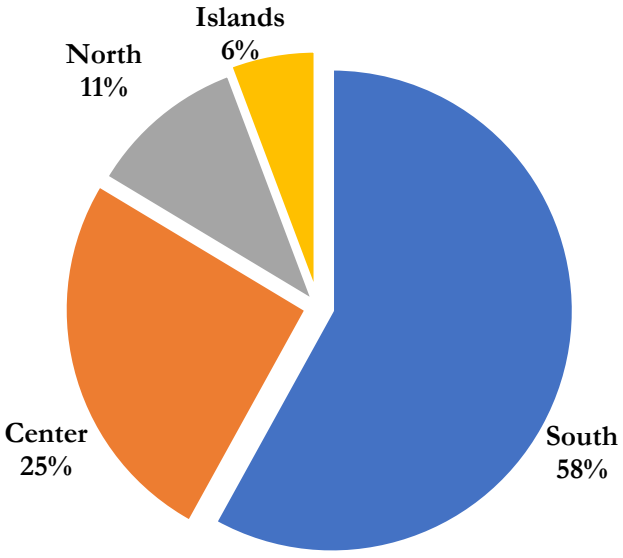


Figure 3. Olive oil stocks by Geographic area[1]

[1] The allocation of the Regions in the geographical areas follows the ISTAT scheme: North: Piedmont, Valle d'Aosta, Liguria, Lombardy, Trentino-Alto Adige, Veneto, Friuli - Venezia Giulia, Emilia-Romagna; Center: Tuscany, Umbria, Marche, Lazio; South: Abruzzo, Molise, Campania, Puglia, Basilicata, Calabria; Islands: Sicily, Sardinia

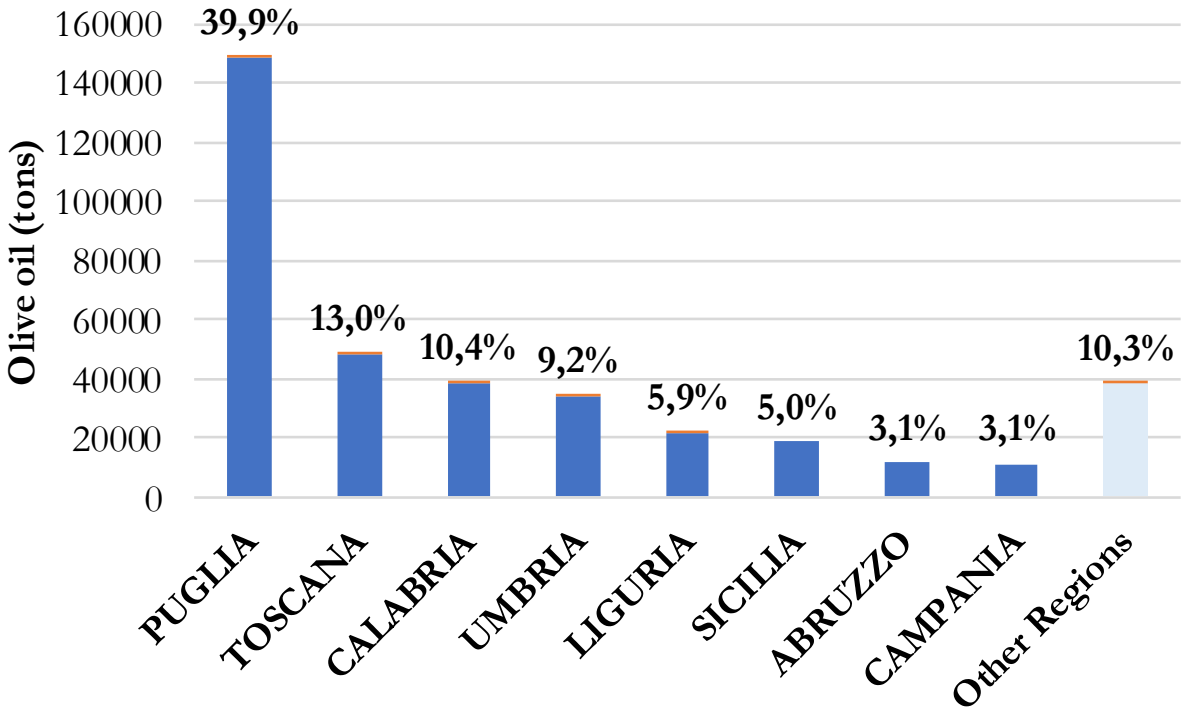


Figure 4. Olive oil stocks by Region

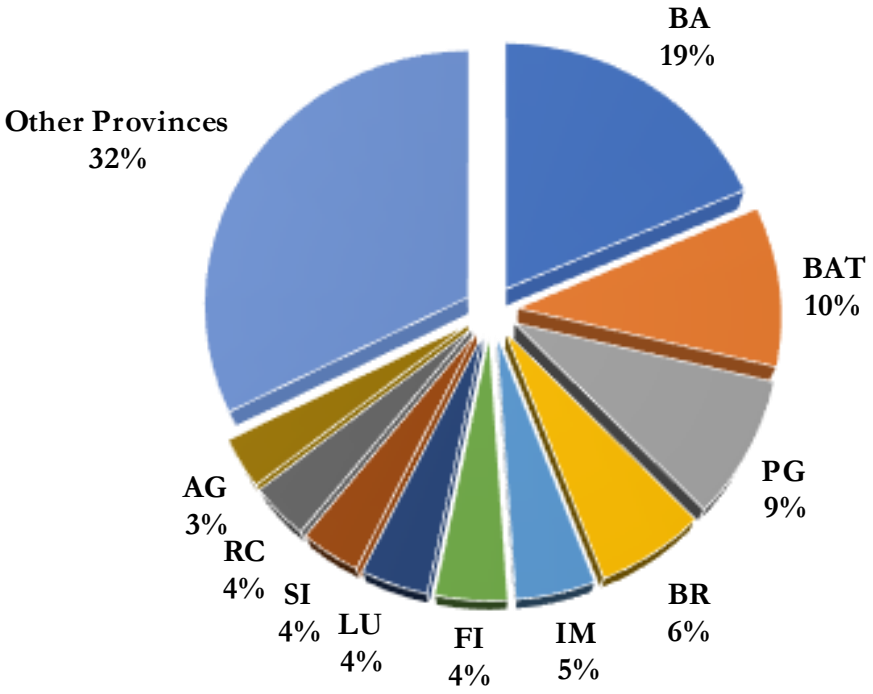


Figure 5. Olive oil stocks by Province

Table 2. Olive oil stocks by Geographic Area and category. Data in tons

Geographic Area	EVO oil	Virgin olive oil	Lampante olive oil	Olive oil and refined olive oil	Pomace olive oil	Olive oil to be classified	Total
South	134.497	6.525	29.133	4.054	30.082	11.669	**215.960**
Center	74.549	740	6.178	6.985	5.910	241	**94.604**
North	30.926	357	5.258	3.479	951	53	**41.024**
Islands	15.143	120	253	105	4.931	204	**20.755**
ITALY	**255.115**	**7.742**	**40.822**	**14.622**	**41.873**	**12.166**	**372.342**

At the regional level, the top 3 regions (Puglia, Tuscany, Calabria) hold the 63.3% of the total national stock.

Table 3. Olive oil stocks by Region and category. Data in tons

Region	EVO oil	Virgin olive oil	Lampante olive oil	Olive oil and refined olive oil	Pomace olive oil	Olive oil to be classified	Total
PUGLIA	101.792	5.339	16.369	2.074	18.642	4.253	**148.469**
TOSCANA	38.539	176	4.059	4.016	1.688	65	**48.545**
CALABRIA	18.023	983	9.025	202	4.016	6.560	**38.809**
UMBRIA	25.973	508	1.531	2.663	3.659	15	**34.349**
LIGURIA	14.814	175	5.254	1.590	147	26	**22.006**
SICILIA	13.231	114	252	61	4.912	119	**18.689**
ABRUZZO	4.530	17	3.696	697	2.606	41	**11.587**
CAMPANIA	7.284	176	23	991	2.357	657	**11.487**
LAZIO	9.296	52	587	299	560	144	**10.938**
E.ROMAGNA	4.754	39	0	925	552	2	**6.274**
LOMBARDIA	4.983	89	1	747	96	18	**5.935**
BASILICATA	2.231	7	20	86	2.449	83	**4.876**
PIEMONTE	4.123	44	-	163	152	1	**4.482**
VENETO	2.090	9	1	54	2	3	**2.158**
SARDEGNA	1.912	5	1	44	19	85	**2.065**
MARCHE	741	4	2	6	2	17	**772**
MOLISE	637	3	1	3	11	76	**731**
TRENTINO A.A.	104	0	1	0	1	0	**106**
FRIULI V.G.	59	1	-	-	-	3	**63**
ITALY	**255.115**	**7.742**	**40.822**	**14.622**	**41.873**	**12.166**	**372.342**

Table 4. Olive oil stocks by Province and category. Data in tons

Province	EVO oil	Virgin olive oil	Lampante olive oil	Olive oil and refined olive oil	Pomace olive oil	Olive oil to be classified	Total
BARI	43.204	3.050	7.566	1.835	11.718	1.617	**68.990**
BARLETTA-ANDRIA-TRANI	31.794	173	1.115	105	4.554	37	**37.779**
PERUGIA	25.166	500	1.531	2.618	3.637	8	**33.461**
BRINDISI	12.826	1.289	6.528	109	2.247	1.198	**24.197**
IMPERIA	11.084	6	5.244	1.278	39	19	**17.670**
FIRENZE	13.793	13	30	1.056	1.116	18	**16.026**
LUCCA	8.283	5	3.969	2.580	171	6	**15.014**
SIENA	12.613	126	16	312	341	9	**13.418**
REGGIO DI CALABRIA	1.976	578	7.223	68	1.098	2.238	**13.182**
AGRIGENTO	7.798	73	10	19	4.159	24	**12.082**
CATANZARO	8.936	80	402	2	326	1.535	**11.281**
FOGGIA	10.476	21	11	12	90	553	**11.163**
COSENZA	3.522	130	222	26	1.802	1.963	**7.665**
TERAMO	514	2	3.679	694	2.584	8	**7.481**
ROMA	6.711	4	578	83	57	34	**7.468**
CREMONA	4.321	89	-	516	90	-	**5.016**
CUNEO	4.076	43	-	160	151	-	**4.430**
POTENZA	1.833	4	19	86	2.448	31	**4.421**
SALERNO	2.111	172	21	82	1.370	478	**4.235**
GENOVA	3.449	167	10	261	93	2	**3.982**
BENEVENTO	2.526	0	0	658	608	115	**3.908**
LECCE	1.958	615	849	1	19	375	**3.817**
Other Provinces	*36.146*	*600*	*1.797*	*2.062*	*3.153*	*1.897*	***45.655***
ITALY	**255.115**	**7.742**	**40.822**	**14.622**	**41.873**	**12.166**	**372.342**

At provincial level, it is clear a significant concentration of olive oil stocks: in only 10 provinces is stocked the 67.6% of the Italian olive oil. Among these provinces, there are five from the central-northern Italy: Perugia, Imperia, Florence, Lucca and Siena.

3. Which olive oil in the olive mill Italy?

Despite the large number of GIs present (47), out of a total of 20.8 million litres of GI olive oil in stock, the PDO Terra di Bari represent itself the 54.2% and the first 20 names 97.3% of the total GIs olive oil stocked in Italy.

Overall, the PDO / PGI olive oil in stock is equal to 5.1% of the total olive oil stocked in Italy and represents 7.5% of the stored EVO oil.

Table 5. PDO and PGI olive oil stocks

		Litres	%
1	TERRA DI BARI	11.263.852	54,2%
2	VAL DI MAZARA	2.001.814	9,6%
3	TOSCANO	1.616.433	7,8%
4	SICILIA	1.243.131	6,0%
5	OLIO DI CALABRIA	1.150.117	5,5%
6	UMBRIA	523.902	2,5%
7	DAUNO	387.443	1,9%
8	SARDEGNA	290.396	1,4%
9	IGP OLIO DI PUGLIA	280.447	1,3%
10	VALLI TRAPANESI	258.522	1,2%
11	RIVIERA LIGURE	221.293	1,1%
12	MONTI IBLEI	149.713	0,7%
13	SABINA	131.257	0,6%
14	COLLINE SALERNITANE	125.067	0,6%
15	GARDA	120.480	0,6%
16	COLLINA DI BRINDISI	117.584	0,6%
17	LAMETIA	101.952	0,5%
18	VENETO	86.588	0,4%
19	CILENTO	84.862	0,4%
20	VALLE DEL BELICE	62.145	0,3%
	Other PDO/PGI	*570.086*	*2,7%*
	Total PDO/PGI	20.787.082	100,0%

The total stock of "extra virgin olive oil" and "virgin olive oil" from organic farming amounts to 43,107 tons, almost exclusively EVO (99.8%). It is a relevant figure since the EVO Bio constitutes 16.8% of the overall EVO stocked in Italy.

Table 6. Organic olive oil stocks in Italy. Data in tons

	Organic EVO oil	Organic Virgin olive oil	Total organic olive oil	%
EVO oil	**41.277,6**	**1.733,6**	**43.011,2**	**99,8%**
Italian	*32.949,2*	*994,0*	*33.943,3*	*78,7%*
EU	*3.103,4*	*313,8*	*3.417,2*	*7,9%*
Extra EU	*4.245,7*	*36,5*	*4.282,2*	*9,9%*
Blend	*979,2*	*389,4*	*1.368,6*	*3,2%*
Virgin olive oil	**91,4**	**4,3**	**95,7**	**0,2%**
Italian	*91,4*	*4,3*	*95,7*	*0,2%*
EU	*0,0*	*0,0*	*0,0*	*0,0%*
Extra EU	*0,0*	*0,0*	*0,0*	*0,0%*
Blend	*0,0*	*0,0*	*0,0*	*0,0%*
ITALY	***41.369***	***1.738***	***43.107***	***100%***

Table 7. Organic olive oil stocks by Region and category. Data in tons

Region	Organic EVO oil	Organic Virgin olive oil	Total organic olive oil	%
PUGLIA	16.715,6	16,7	**16.732,3**	**38,8**
CALABRIA	7.594,5	60,4	**7.655,0**	**17,8**
SICILIA	5.681,8	6,6	**5.688,4**	**13,2**
TOSCANA	3.783,6	1,3	**3.784,9**	**8,8**
UMBRIA	2.284,8	-	**2.284,8**	**5,3**
LIGURIA	1.426,3	0,5	**1.426,8**	**3,3**
LOMBARDIA	1.237,8	-	**1.237,8**	**2,9**
LAZIO	1.061,0	0,7	**1.061,7**	**2,5**
CAMPANIA	579,8	8,6	**588,4**	**1,4**
PIEMONTE	580,5	-	**580,5**	**1,3**
EMILIA ROMAGNA	557,6	-	**557,6**	**1,3**
VENETO	490,7	0,3	**491,0**	**1,1**
SARDEGNA	347,0	-	**347,0**	**0,8**
ABRUZZO	290,0	0,1	**290,1**	**0,7**
BASILICATA	158,6	0,5	**159,0**	**0,4**
MOLISE	106,4	0,1	**106,4**	**0,2**
MARCHE	88,5	-	**88,5**	**0,2**
TRENTINO ALTO ADIGE	26,3	-	**26,3**	**0,1**
FRIULI VENEZIA GIULIA	0,4	-	**0,4**	**0,0**
ITALY	**43.011,2**	**95,7**	**43.106,9**	**100,0**

4. Olive oil stocks 23 March 2020 vs 15 March 2020

Compared to March 15, 2020, no substantial differences of olive oil stocks were recorded.

The increases of lampante oil (+8.0%) and the decrease of Olive oil and refined olive oil (-9.6%) deserve to be mentioned.

Table 7. Olive oil stocks 23 March 2020 vs 15 March 2020. Data in tons

	Total 23/03/2020	Total 15/03/2020	Diff. %
EVO oil	**255.115**	**257.159**	**-0,8%**
Italian	*165.488*	*169.132*	*-2,2%*
EU	*77.754*	*77.014*	*1,0%*
Extra EU	*6.953*	*5.873*	*18,4%*
Blend	*4.920*	*5.140*	*-4,3%*
Virgin olive oil	**7.742**	**7.874**	**-1,7%**
Italian	3.277	3.282	-0,2%
EU	4.459	4.585	-2,8%
Extra EU	1	1	0,0%
Blend	6	5	11,1%
Lampante olive oil	**40.822**	**37.798**	**8,0%**
Olive oil and refined olive oil	**14.622**	**16.178**	**-9,6%**
Pomace olive oil	**41.873**	**40.469**	**3,5%**
Olive oil to be classified	**12.166**	**12.502**	**-2,7%**
ITALY	**372.342**	**371.979**	**0,1%**