

Ministero
dell'agricoltura, della
sovranità alimentare e
delle foreste
MASAF

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

ICQRF

OIL MILL ITALY

Update of 31 December 2022

Olive Oil stocked in Italy

**by operators obliged to keep the olive oil
computerized register**

report n. 1/2023

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Oil mill Italy at 31 December 2022

The Report is drawn up by the ICQRF on data recorded in the olive oil computerized registers (RTO), which at 31 December 2022 are 22,041.

Olive oils: 310,751 tons in stocks. Compared to 30 November 2022 a 15.5% increase was recorded (269,012 tons). Stocks are 3.9% higher than the stocks recorded the same period of last year.

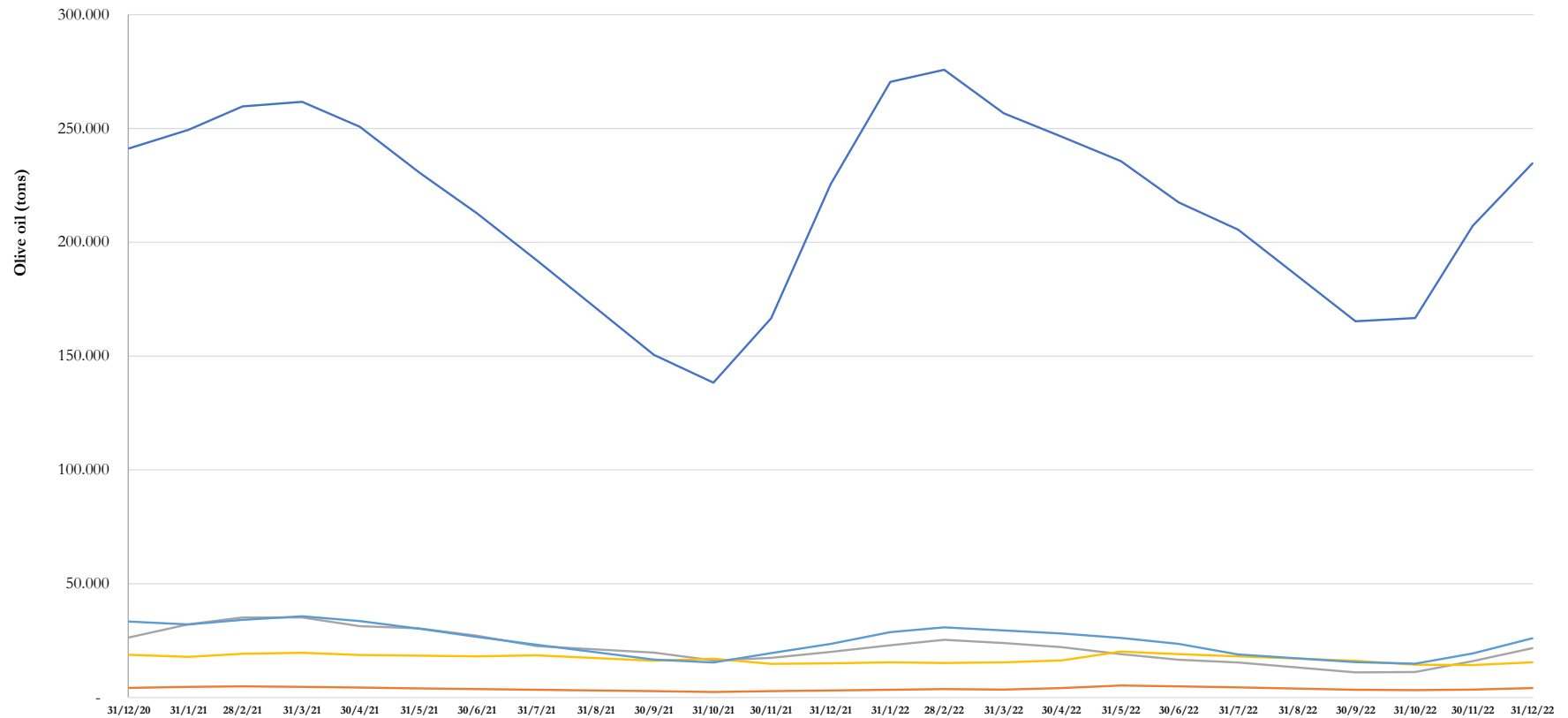
1. Summary

The stock of olive oil in Italy on 31 December 2022 is **310,751 tons**. Extra Virgin Olive Oil (EVO) represents the 75.5% of the stock. In the category of EVO oil, stocks of olive oil of Italian origin (146,213 t) represent the 62.3%, followed by those of EU origin 31.7%. The extra-EU olive oil stocks and blend olive oils 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	212.073	22.575	234.649	75,5%
<i>Italian</i>	<i>137.203</i>	<i>9.010</i>	<i>146.213</i>	<i>47,1%</i>
<i>EU</i>	<i>63.437</i>	<i>10.913</i>	<i>74.350</i>	<i>23,9%</i>
<i>Extra EU</i>	<i>7.612</i>	<i>39</i>	<i>7.651</i>	<i>2,5%</i>
<i>Blend</i>	<i>3.822</i>	<i>2.613</i>	<i>6.435</i>	<i>2,1%</i>
Virgin olive oil	4.060	144	4.205	1,4%
<i>Italian</i>	<i>1.930</i>	<i>134,7</i>	<i>2.065</i>	<i>0,7%</i>
<i>EU</i>	<i>2.114</i>	<i>9,4</i>	<i>2.123</i>	<i>0,7%</i>
<i>Extra EU</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0,0%</i>
<i>Blend</i>	<i>16</i>	<i>0</i>	<i>16</i>	<i>0,0%</i>
Lampante olive oil	21.722	-	21.722	7,0%
Olive oil and refined olive oil	12.752	2.738	15.490	5,0%
Pomace olive oil	24.768	1.320	26.087	8,4%
Olive oil to be classified	8.598	-	8.598	2,8%
ITALY	283.974	26.777	310.751	100%

2. Olive oil stocked in Italy



	31/12/20	31/1/21	28/2/21	31/3/21	30/4/21	31/5/21	30/6/21	31/7/21	31/8/21	30/9/21	31/10/21	30/11/21	31/12/21	31/1/22	28/2/22	31/3/22	30/4/22	31/5/22	30/6/22	31/7/22	30/9/22	31/10/22	30/11/22	31/12/22
— Extra Virgin Olive Oil	241.241	249.432	259.700	261.696	250.774	230.621	212.702	192.137	150.519	138.372	166.615	225.493	270.461	275.803	256.645	246.406	235.626	217.513	205.509	165.299	166.706	207.272	234.649	
— Virgin Olive Oil	4.256	4.720	4.921	4.678	4.381	4.069	3.708	3.467	2.857	2.471	2.863	3.118	3.408	3.706	3.532	4.187	5.322	4.913	4.510	3.405	3.268	3.504	4.205	
— Lampante Olive Oil	26.431	32.217	35.230	35.210	31.355	30.433	27.151	22.596	19.799	16.350	17.414	20.032	22.980	25.379	23.965	22.195	19.073	16.608	15.433	11.064	11.245	15.992	21.722	
— Olive Oil	18.780	17.882	19.267	19.702	18.715	18.401	18.087	18.558	16.136	17.052	14.791	15.087	15.483	15.233	15.493	16.308	20.221	19.071	18.144	16.190	14.437	14.328	15.490	
— Olive Pomace Oil	33.373	32.115	34.126	35.719	33.601	30.232	26.680	23.178	16.685	15.389	19.541	23.621	28.735	30.880	29.491	28.126	26.214	23.557	18.979	15.595	14.929	19.382	26.087	

Figure 1. Trend of the national stock of olive oil by category 31 December 2020 – 31 December 2022

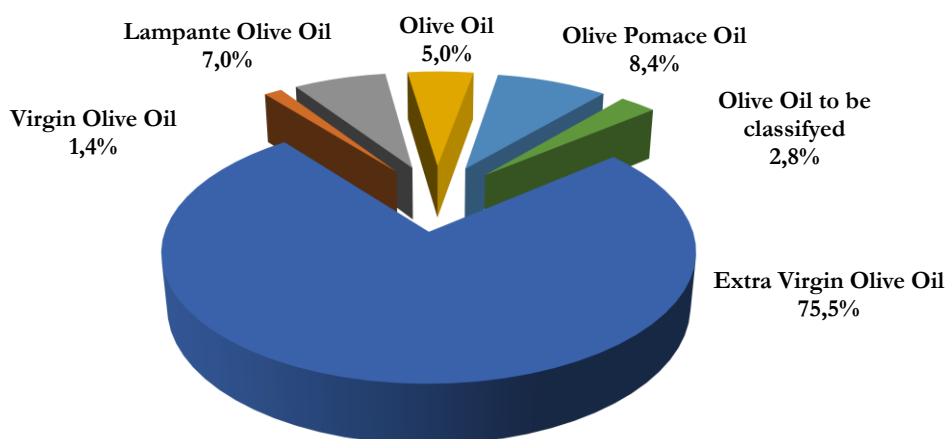


Figure 2. Olive oil stocks by category

Where is physically stocked the olive oil in Italy?

More than half of the national olive oil (54%) is stocked in the regions of southern Italy, with the significant contribution of the regions Puglia and Calabria (37.8% and 8.4%, respectively). At the provincial level, 19.2% of olive oil is stocked in the province of Bari, and 9.3% in Barletta-Andria-Trani.

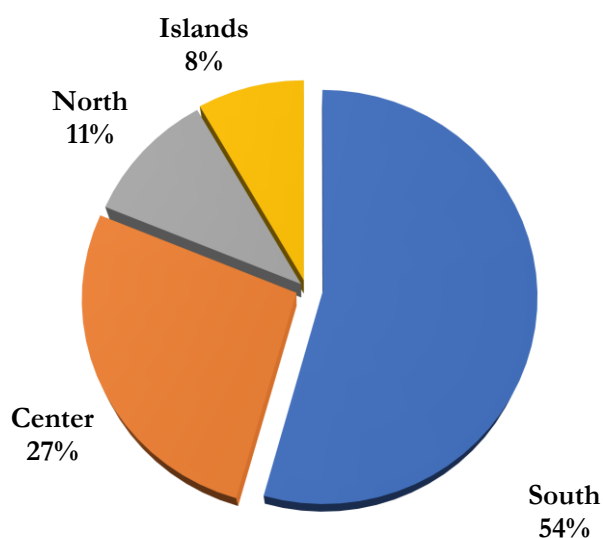


Figure 3. Olive oil stocks by Geographic area¹

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

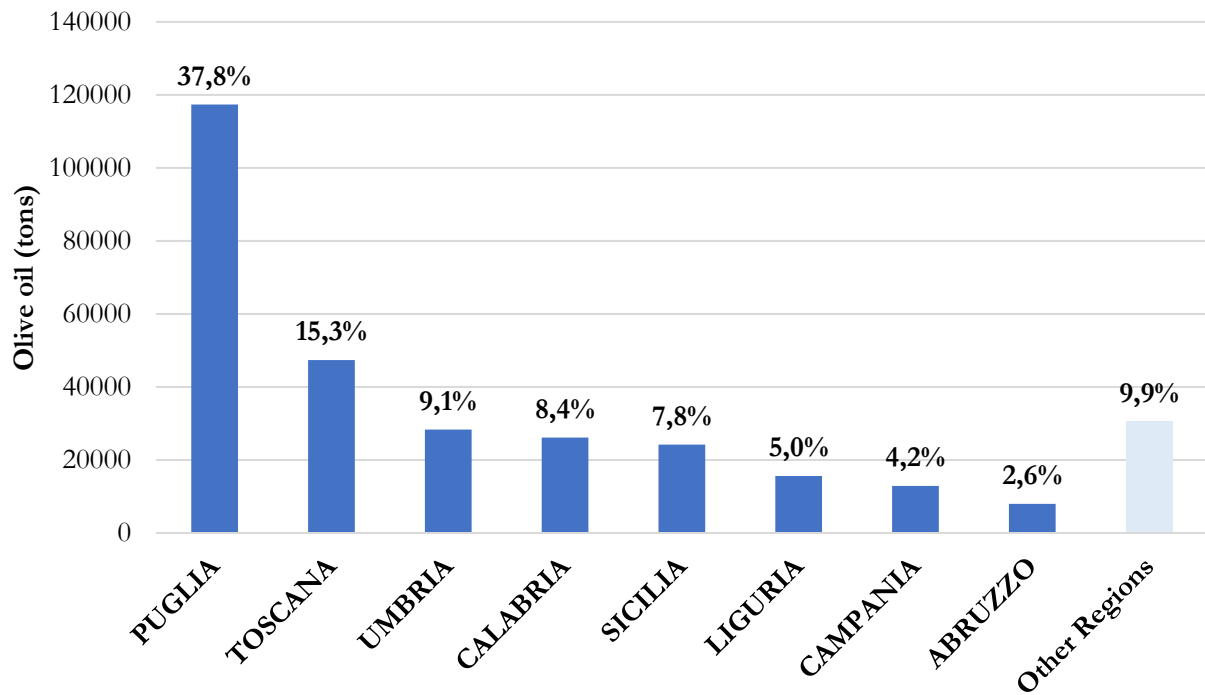


Figure 4. Olive oil stocks by Region

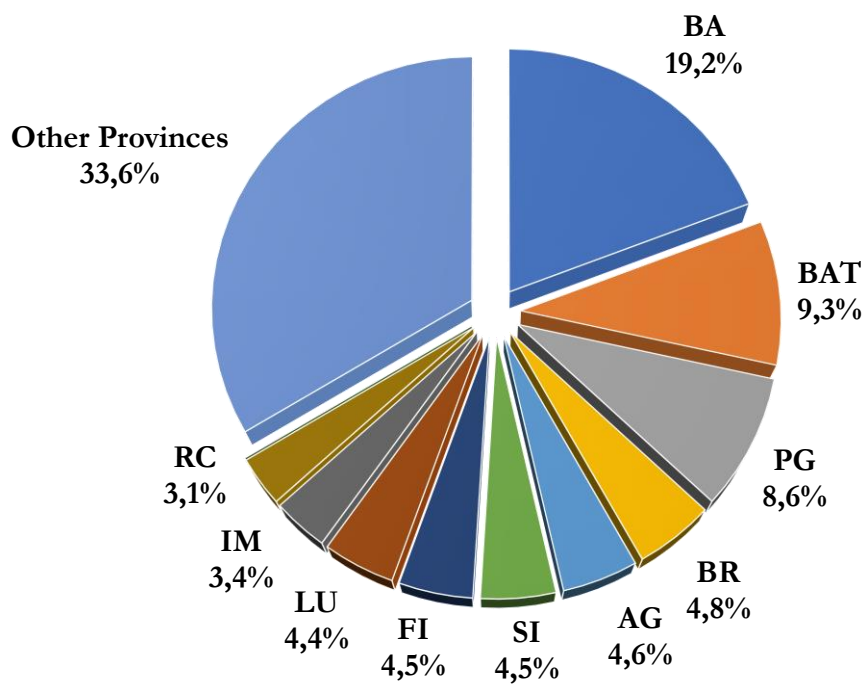


Figure 5. Olive oil stocks by Province

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	116.847	3.802	18.999	5.367	16.164	7.769	168.947
Center	70.673	161	2.220	6.706	3.169	380	83.309
North	27.944	187	285	3.315	752	153	32.638
Islands	19.184	55	218	102	6.003	296	25.857
ITALY	234.649	4.205	21.722	15.490	26.087	8.598	310.751

At the regional level, the top 4 regions (Puglia, Tuscany, Umbria, and Calabria) hold the 70.6% 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	85.842	3.113	11.761	3.784	9.557	3.325	117.383
TOSCANA	39.350	75	2.006	4.854	971	140	47.396
UMBRIA	24.455	75	170	1.691	1.966	26	28.383
CALABRIA	11.978	554	6.858	198	2.943	3.675	26.206
SICILIA	17.797	50	217	41	5.997	144	24.245
LIGURIA	13.017	59	281	2.072	122	73	15.624
CAMPANIA	9.394	110	28	1.200	1.610	562	12.904
ABRUZZO	6.370	11	287	134	1.108	63	7.974
E. ROMAGNA	5.594	85	0	660	429	9	6.776
LAZIO	6.037	6	44	159	230	179	6.655
LOMBARDIA	4.981	37	1	330	28	58	5.435
BASILICATA	2.705	10	63	49	934	66	3.827
VENETO	2.226	6	2	76	1	9	2.319
PIEMONTE	1.904	1	-	178	172	1	2.256
SARDEGNA	1.387	5	1	61	6	153	1.613
MARCHE	832	5	0	1	2	34	875
MOLISE	559	4	2	0	10	78	652
TRENTINO A.A.	143	-	-	-	-	-	143
FRIULI V.G.	80	1	-	-	-	5	85
ITALY	234.649	4.205	21.722	15.490	26.087	8.598	310.751

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	39.768	1.859	6.788	3.533	6.737	957	59.643
BARLETTA-ANDRIA-TRANI	26.535	85	574	121	1.460	9	28.782
PERUGIA	22.877	71	170	1.622	1.931	6	26.677
BRINDISI	7.715	771	3.830	85	1.325	1.287	15.012
AGRIGENTO	9.825	17	38	12	4.348	7	14.248
SIENA	13.038	54	16	527	363	20	14.018
FIRENZE	12.537	10	28	806	429	64	13.875
LUCCA	8.141	1	1.945	3.374	136	9	13.607
IMPERIA	8.414	1	280	1.823	26	61	10.605
REGGIO DI CALABRIA	2.241	322	4.983	47	801	1.370	9.763
FOGGIA	9.037	12	39	18	23	433	9.562
BENEVENTO	5.786	1	2	790	666	22	7.267
CATANZARO	4.168	53	233	2	147	706	5.308
TERAMO	3.551	5	276	124	1.104	35	5.094
CREMONA	4.202	37	-	287	22	-	4.547
TRAPANI	4.150	1	147	1	183	4	4.485
VIBO VALENTIA	799	116	1.498	6	1.305	740	4.463
COSENZA	2.661	58	110	15	679	813	4.336
FORLI' - CESENA	3.440	83	-	252	294	4	4.072
POTENZA	2.374	8	63	49	934	28	3.456
GENOVA	3.064	57	-	215	70	1	3.407
SALERNO	1.735	106	24	13	571	491	2.940
<i>Other Provinces</i>	<i>38.591</i>	<i>478</i>	<i>678</i>	<i>1.769</i>	<i>2.533</i>	<i>1.534</i>	<i>45.582</i>
ITALY	234.647	4.205	21.722	15.490	26.087	8.598	310.750

At provincial level, it is clear a significant concentration of olive oil stocks: in the top 10 provinces is stocked the 66.4% of the Italian olive oil.

3. Which olive oil in the olive mill Italy?

Despite the large number of GIs present (49), out of a total of 25.5 million litres of GI olive oil in stock, higher than the stocks recorded the 31 December 2021 (24.9 million litres), the PDO Terra di Bari represent the 36.6% and the first 20 names 97.1% of the total GIs olive oil stocked in Italy.

Overall, the PDO / PGI olive oil in stock is equal to 7.6% of the total olive oil stocked in Italy and represents 10.0% of the stored EVO oil.

Table 5. PDO and PGI olive oil stocks

	Litri	%
TERRA DI BARI	9.337.030	36,6%
TOSCANO	3.205.118	12,6%
VAL DI MAZARA	3.061.888	12,0%
SICILIA	2.996.701	11,7%
OLIO DI PUGLIA	1.023.023	4,0%
IGP OLIO DI ROMA	925.608	3,6%
OLIO DI CALABRIA	808.798	3,2%
UMBRIA	756.920	3,0%
VALLI TRAPANESI	512.814	2,0%
MONTI IBLEI	364.361	1,4%
GARDA	337.147	1,3%
DAUNO	286.448	1,1%
RIVIERA LIGURE	238.536	0,9%
SARDEGNA	207.922	0,8%
SABINA	161.831	0,6%
COLLINE SALERNITANE	123.357	0,5%
VENETO	121.989	0,5%
VALLE DEL BELICE	112.155	0,4%
CHIANTI CLASSICO	105.674	0,4%
CILENTO	90.991	0,4%
<i>Other PDO/PGI</i>	<i>729.798</i>	<i>2,9%</i>
Total PDO/PGI	25.508.111	100,0%

The total stock of “extra virgin olive oil” and “virgin olive oil” from organic farming amounts to 41,268 tons (+4.6% of the value recorded the same period of last year), almost exclusively EVO (99.8%), equal to 17.6% of the overall EVO stocked in Italy. The olive oil BIO is mainly stocked in Puglia, Sicily, Tuscany, and Calabria.

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

	Organic EVO oil	Organic Virgin olive oil	Total organic olive oil	%
EVO oil	39.116,0	2.074,8	41.190,8	99,8%
<i>Italian</i>	28.931,6	1.400,4	30.331,9	73,5%
<i>EU</i>	3.682,2	260,7	3.943,0	9,6%
<i>Extra EU</i>	5.129,1	34,9	5.164,0	12,5%
<i>Blend</i>	1.373,1	378,8	1.751,9	4,2%
Virgin olive oil	73,5	3,3	76,8	0,2%
<i>Italian</i>	73,5	3,3	76,8	0,2%
<i>EU</i>	0,0	0,0	0,0	0,0%
<i>Extra EU</i>	0,0	0,0	0,0	0,0%
<i>Blend</i>	0,0	0,0	0,0	0,0%
ITALY	39.190	2.078	41.268	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	15.979,0	15,9	15.994,9	38,8
SICILIA	7.262,5	2,0	7.264,5	17,6
TOSCANA	4.648,0	4,4	4.652,3	11,3
CALABRIA	3.917,7	44,0	3.961,7	9,6
UMBRIA	2.540,2	0,5	2.540,7	6,2
LOMBARDIA	1.054,9	-	1.054,9	2,6
PIEMONTE	1.034,4	-	1.034,4	2,5
EMILIA ROMAGNA	1.015,2	-	1.015,2	2,5
LIGURIA	900,5	0,6	901,2	2,2
CAMPANIA	734,4	8,2	742,6	1,8
LAZIO	633,7	0,5	634,2	1,5
VENETO	497,4	-	497,4	1,2
SARDEGNA	313,2	0,0	313,2	0,8
ABRUZZO	280,7	0,2	280,9	0,7
MARCHE	157,0	0,1	157,0	0,4
BASILICATA	128,3	-	128,3	0,3
MOLISE	76,1	0,3	76,4	0,2
TRENTINO ALTO ADIGE	15,9	-	15,9	0,0
FRIULI VENEZIA GIULIA	1,8	-	1,8	0,0
ITALY	41.190,8	76,8	41.267,6	100,0

4. Olive oil stocks 31 December 2022 vs. 31 December 2021

Olive oil stocks are higher (+3.9%) compared to 31 December 2021. This is mainly related to the increase of EVO (+4.1%) and pomace olive oil (+10.4%).

On regard of EVO oil, it is important to remark that Italian EVO oil stocked (146,213 t) are like the stock of December 2021.

Table 8. Olive oil stocks 31 December 2022 vs 31 December 2021. Data in tons

	Total 31/12/2022	Total 31/12/2021	2022 vs. 2021
EVO oil	234.649	225.493	4,1%
<i>Italian</i>	<i>146.213</i>	<i>146.591</i>	<i>-0,3%</i>
<i>EU</i>	<i>74.350</i>	<i>66.742</i>	<i>11,4%</i>
<i>Extra EU</i>	<i>7.651</i>	<i>6.251</i>	<i>22,4%</i>
<i>Blend</i>	<i>6.435</i>	<i>5.909</i>	<i>8,9%</i>
Virgin olive oil	4.205	3.118	34,9%
<i>Italian</i>	<i>2.065</i>	<i>2.291</i>	<i>-9,8%</i>
<i>EU</i>	<i>2.123</i>	<i>719</i>	<i>195,2%</i>
<i>Extra EU</i>	<i>0</i>	<i>98</i>	<i>n.s.</i>
<i>Blend</i>	<i>16</i>	<i>10</i>	<i>n.s.</i>
Lampante olive oil	21.722	20.032	8,4%
Olive oil and refined olive oil	15.490	15.087	2,7%
Pomace olive oil	26.087	23.621	10,4%
Olive oil to be classified	8.598	11.725	-26,7%
ITALY	310.751	299.075	3,9%

n.s.: non significative

5. Olive oil stocks 31 December 2022 vs. 30 November 2022

Compared to 30 November 2022, a 15.5% increase of olive oil stocks is recorded. This is related to the increase of all categories of olive oil.

The total increase is mainly due to the EVO oil (+13.2%) either of Italian (+12,509 t), EU origin (+11,258 t) and extra-EU origin (+2,747 t).

Moreover, deserve to be mentioned the increase recorded for pomace olive oil (+34.6%) and lampante (+35.8%).

Table 9. Olive oil stocks 31 December 2022 vs 30 November 2022. Data in tons

	Total 31/12/2022	Total 30/11/2022	Diff. %
EVO oil	234.649	207.272	13,2%
<i>Italian</i>	<i>146.213</i>	<i>133.704</i>	<i>9,4%</i>
<i>EU</i>	<i>74.350</i>	<i>63.091</i>	<i>17,8%</i>
<i>Extra EU</i>	<i>7.651</i>	<i>4.904</i>	<i>56,0%</i>
<i>Blend</i>	<i>6.435</i>	<i>5.573</i>	<i>15,5%</i>
Virgin olive oil	4.205	3.504	20,0%
<i>Italian</i>	<i>2.065</i>	<i>1.615</i>	<i>27,9%</i>
<i>EU</i>	<i>2.123</i>	<i>1.866</i>	<i>13,8%</i>
<i>Extra EU</i>	<i>0</i>	<i>0</i>	<i>0,0%</i>
<i>Blend</i>	<i>16</i>	<i>23</i>	<i>-29,7%</i>
Lampante olive oil	21.722	15.992	35,8%
Olive oil and refined olive oil	15.490	14.328	8,1%
Pomace olive oil	26.087	19.382	34,6%
Olive oil to be classified	8.598	8.534	0,8%
ITALY	310.751	269.012	15,5%