

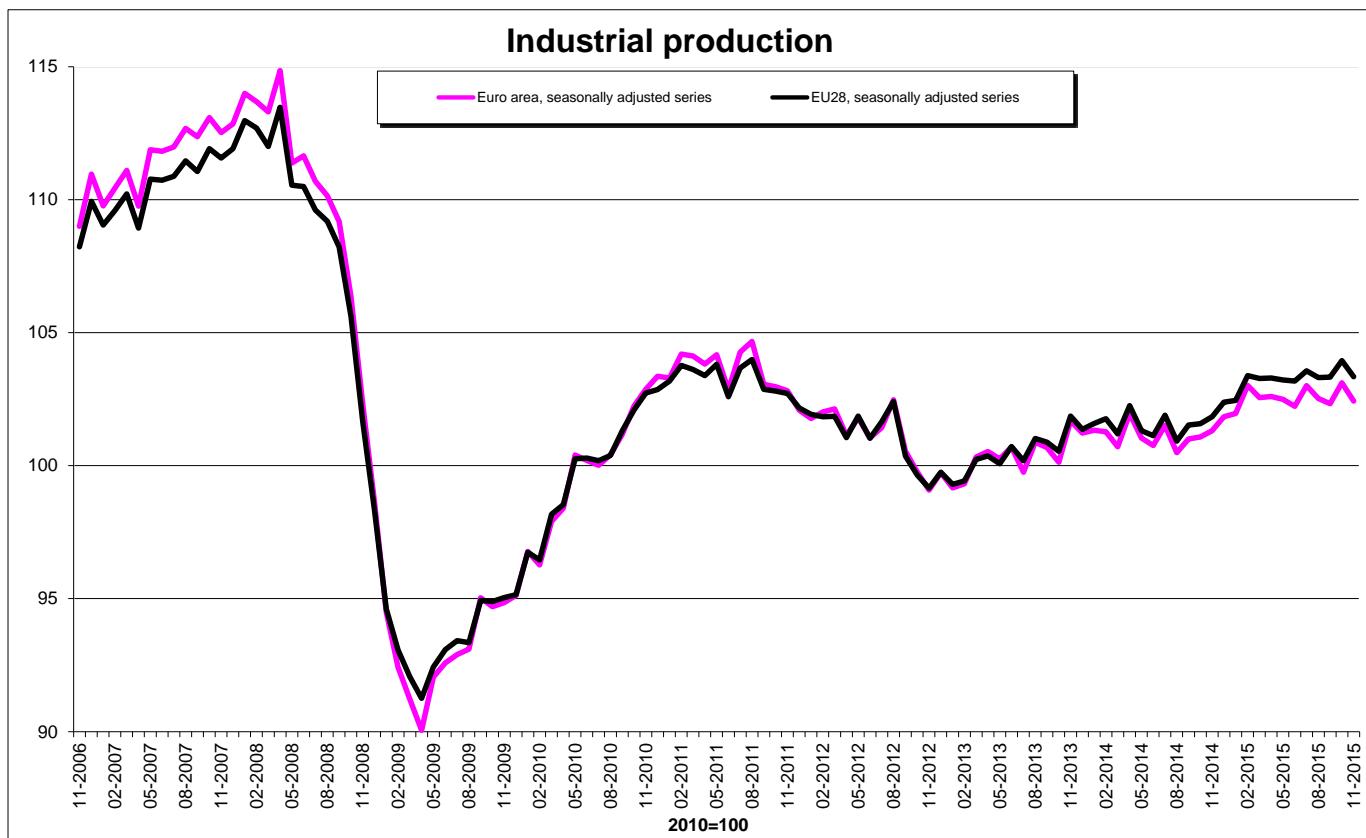
6/2016 - 13 January 2016

November 2015 compared with October 2015

Industrial production down by 0.7% in euro area Down by 0.6% in EU28

In November 2015 compared with October 2015, seasonally adjusted industrial production fell by 0.7% in the **euro area** (EA19) and by 0.6% in the **EU28**, according to estimates from **Eurostat, the statistical office of the European Union**. In October 2015 industrial production rose by 0.8% and 0.6% respectively.

In November 2015 compared with November 2014, industrial production increased by 1.1% in the **euro area** and by 1.4% in the **EU28**.



Monthly comparison by main industrial grouping and by Member State

The decrease of 0.7% in industrial production in the **euro area** in November 2015, compared with October 2015, is due to production of energy falling by 4.3%, capital goods by 1.9% and durable consumer goods by 1.0%, while production of non-durable consumer goods rose by 0.1% and intermediate goods by 0.7%.

In the **EU28**, the decrease of 0.6% is due to production of energy falling by 3.5%, capital goods by 1.3%, durable consumer goods by 0.3% and non-durable consumer goods by 0.1%, while production of intermediate goods rose by 0.5%.

Among Member States for which data are available, the largest decreases in industrial production were registered in **Portugal** (-4.9%), **Malta** (-3.7%), the **Netherlands** (-3.1%), **Estonia** and **Lithuania** (both -2.6%), and the highest increases in **Greece** (+3.3%) and **Slovakia** (+1.9%).

Annual comparison by main industrial grouping and by Member State

The increase of 1.1% in industrial production in the **euro area** in November 2015, compared with November 2014, is due to production of intermediate goods rising by 2.1%, durable consumer goods by 1.7% and both capital goods and non-durable consumer goods by 1.2%, while production of energy fell by 2.8%.

In the **EU28**, the increase of 1.4% is due to production of capital goods rising by 2.0%, intermediate goods by 1.8%, durable consumer goods by 1.7% and non-durable consumer goods by 0.8%, while production of energy fell by 1.2%.

Among Member States for which data are available, the highest increases in industrial production were registered in **Ireland** (+14.2%), **Slovakia** (+11.9%) and **Hungary** (+7.1%), and the largest decreases in the **Netherlands** (-8.0%) and **Estonia** (-6.2%).

Geographical information

The **euro area** (EA19) includes Belgium, Germany, Estonia, Ireland, Greece, Spain, France, Italy, Cyprus, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Austria, Portugal, Slovenia, Slovakia and Finland.

The **European Union** (EU28) includes Belgium, Bulgaria, the Czech Republic, Denmark, Germany, Estonia, Ireland, Greece, Spain, France, Croatia, Italy, Cyprus, Latvia, Lithuania, Luxembourg, Hungary, Malta, the Netherlands, Austria, Poland, Portugal, Romania, Slovenia, Slovakia, Finland, Sweden and the United Kingdom.

Methods and definitions

The **index of industrial production** measures the evolution of the volume of production for industry excluding construction, based on data adjusted for working day and seasonal effects.

Seasonally adjusted euro area and EU series are calculated by aggregating the seasonally adjusted national data. Eurostat carries out the seasonal adjustment of the data for those countries that do not adjust their data for seasonal effects.

Total industry covers NACE rev.2 sections B to D.

Missing observations from Member States for recent months are estimated for the calculation of the euro area and the EU aggregates.

Revisions and timetable

Compared with data issued in the News Release 220/2015 of 14 December 2015, the monthly percentage changes for October 2015 have been revised from +0.6% to +0.8% in the euro area and from +0.5% to +0.6% in the EU28. The annual percentage change has been revised from +1.9% to +2.0% in the euro area and remains unchanged at +2.4% in the EU28.

For more information

Eurostat's database section on short-term business statistics

Eurostat's Statistics Explained article on the industrial production index

The weights of the Member States in the EU and euro area aggregates
(See file EU-28_EA-19_NEWS_RELEASE_WEIGHTINGS_2010)

Eurostat's €-indicators release calendar

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Industrial production
 % change compared with previous month*

	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15
EA19						
Total industry	-0.3	0.8	-0.5	-0.2	0.8	-0.7
Intermediate goods	-0.3	-0.4	0.4	0.1	0.0	0.7
Energy	2.9	2.0	-3.7	1.5	1.6	-4.3
Capital goods	-1.5	1.7	-0.9	-0.2	1.3	-1.9
Durable consumer goods	-1.4	1.0	2.0	-2.9	1.8	-1.0
Non-durable consumer goods	-0.4	1.3	0.1	-1.4	0.6	0.1
EU28						
Total industry	0.0	0.4	-0.2	0.0	0.6	-0.6
Intermediate goods	0.0	-0.5	0.1	0.2	0.2	0.5
Energy	1.6	1.3	-1.8	0.1	1.4	-3.5
Capital goods	-0.8	0.8	-0.3	0.3	0.8	-1.3
Durable consumer goods	0.0	0.1	1.1	-1.8	1.2	-0.3
Non-durable consumer goods	-0.5	1.2	0.2	-0.9	0.2	-0.1

The source dataset is available [here](#).

Total industry	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15
EA19	-0.3	0.8	-0.5	-0.2	0.8	-0.7
EU28	0.0	0.4	-0.2	0.0	0.6	-0.6
Belgium	-2.1	1.9	0.0	-0.8	1.3	:
Bulgaria	0.6	-0.8	-0.2	-0.8	0.3	0.8
Czech Republic	0.9	1.3	-3.8	2.5	1.4	-1.2
Denmark	5.2	-5.1	3.5	-1.9	-2.4	-0.1
Germany	-0.6	0.9	-0.8	-1.0	0.3	-0.5
Estonia	-1.3	-0.2	0.3	0.2	0.6	-2.6
Ireland	-3.0	8.8	0.0	-1.5	3.4	-0.4
Greece	-0.2	3.9	3.7	-1.8	-1.2	3.3
Spain	0.7	0.7	-1.3	1.4	0.3	0.0
France	0.2	-0.9	1.8	0.1	0.7	-0.9
Croatia	-2.7	3.2	-3.7	5.6	0.9	-0.8
Italy	-1.0	1.1	-0.5	0.2	0.5	c
Cyprus	-2.4	1.8	1.1	-0.9	-1.6	:
Latvia	-1.3	1.4	-1.3	-0.7	-0.3	0.2
Lithuania	0.7	0.4	-3.9	-1.5	11.5	-2.6
Luxembourg	1.3	-2.4	4.1	-2.1	-0.4	0.4**
Hungary	1.1	-0.5	-1.8	2.9	1.7	-1.4
Malta	1.6	-1.5	-1.1	-0.1	1.8	-3.7
Netherlands	4.2	-3.2	-3.3	2.7	3.9	-3.1
Austria	0.7	1.5	-1.6	-0.3	1.7	:
Poland	0.4	-0.2	-1.2	1.7	0.8	0.7
Portugal	-1.6	2.1	-2.0	-1.0	3.9	-4.9
Romania	0.8	0.2	-0.5	1.1	-0.3	-0.2
Slovenia	-0.7	0.9	-0.4	0.4	-0.2	0.3
Slovakia	1.2	1.3	-1.5	2.1	-0.6	1.9
Finland	1.4	-0.9	-0.1	1.3	-1.0	-0.5
Sweden	0.5	-2.7	3.8	0.6	-0.6	0.1
United Kingdom	-0.1	-0.4	0.9	0.0	0.0	-0.7
Norway	3.4	-1.1	1.3	1.2	-3.1	-0.7

* Working day and seasonally adjusted

** Estimated by Member State

: Data not available

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The source dataset is available [here](#).

Industrial production
 % change compared with same month of the previous year*

	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15
EA19						
Total industry	1.6	1.8	2.1	1.4	2.0	1.1
Intermediate goods	0.7	0.0	1.1	1.3	1.4	2.1
Energy	-0.2	3.8	-2.3	-1.8	1.0	-2.8
Capital goods	2.2	1.8	4.0	1.9	3.4	1.2
Durable consumer goods	0.6	1.5	6.6	2.3	4.0	1.7
Non-durable consumer goods	2.8	3.2	2.8	1.7	0.6	1.2
EU28						
Total industry	2.1	1.9	2.5	1.8	2.4	1.4
Intermediate goods	1.2	0.4	1.0	1.2	1.6	1.8
Energy	1.7	4.1	0.9	-0.2	1.8	-1.2
Capital goods	2.7	1.4	3.9	2.7	3.8	2.0
Durable consumer goods	2.4	2.0	4.6	2.1	3.2	1.7
Non-durable consumer goods	2.0	2.7	2.3	1.5	0.7	0.8

The source dataset is available [here](#).

Total industry	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15
EA19	1.6	1.8	2.1	1.4	2.0	1.1
EU28	2.1	1.9	2.5	1.8	2.4	1.4
Belgium	-4.5	0.6	1.6	-2.3	0.7	:
Bulgaria	5.8	3.4	4.3	0.8	1.2	1.7
Czech Republic	6.0	7.4	7.0	3.5	6.4	3.1
Denmark	10.5	1.4	2.7	2.0	-1.2	-1.6
Germany	1.4	1.0	3.0	0.4	0.2	-0.3
Estonia	-2.8	-5.8	-3.1	-4.0	-2.5	-6.2
Ireland	28.5	23.9	18.3	18.6	13.8	14.2
Greece	-4.8	-1.6	4.3	2.9	-1.9	1.8
Spain	4.7	5.6	2.3	4.2	4.9	4.6
France	1.1	-1.4	1.8	1.1	3.6	2.8
Croatia	1.5	3.9	2.7	5.5	6.4	2.7
Italy	-0.3	2.8	1.0	1.8	2.9	c
Cyprus	0.1	3.8	3.7	5.1	1.8	:
Latvia	3.7	5.4	4.0	2.0	1.7	4.3
Lithuania	7.6	6.6	5.5	-0.3	6.6	4.9
Luxembourg	1.6	-4.0	3.9	-0.8	-0.2	-1.7**
Hungary	5.9	3.6	6.2	7.8	12.8	7.1
Malta	5.9	9.2	8.3	4.5	6.1	0.7
Netherlands	-1.8	-6.3	-10.0	-5.9	-2.0	-8.0
Austria	-0.4	4.1	3.0	1.3	3.7	:
Poland	5.1	3.9	3.1	4.1	4.8	5.5
Portugal	2.7	3.2	0.1	3.7	4.5	-0.4
Romania	3.2	3.7	3.1	3.9	2.5	1.9
Slovenia	3.7	3.1	5.1	6.0	3.3	4.2
Slovakia	6.8	11.9	0.5	7.2	4.2	11.9
Finland	0.8	-1.3	-1.4	1.4	-1.1	-1.7
Sweden	3.2	0.5	5.3	7.0	4.9	5.5
United Kingdom	1.7	0.6	2.0	1.1	2.1	0.4
Norway	2.8	2.9	3.1	2.0	-3.0	-1.7

* Working day adjusted

** Estimated by Member State

: Data not available

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The source dataset is available [here](#).

Production indices for total industry, working day and seasonally adjusted
 (base year 2010)

	11/14	12/14	01/15	02/15	03/15	04/15	05/15	06/15	07/15	08/15	09/15	10/15	11/15
EA19	101.3	101.8	102.0	103.0	102.6	102.6	102.5	102.2	103.0	102.5	102.3	103.1	102.4
EU28	101.8	102.4	102.5	103.4	103.3	103.3	103.2	103.2	103.6	103.3	103.3	103.9	103.3
Belgium	104.5	102.8	104.3	101.1	104.2	103.3	103.5	101.3	103.3	103.3	102.4	103.7	:
Bulgaria	108.4	109.6	111.4	110.6	109.1	109.5	110.2	110.9	110.0	109.8	109.0	109.3	110.2
Czech Republic	112.6	113.7	113.7	114.8	114.6	115.4	115.1	116.2	117.7	113.2	116.0	117.7	116.2
Denmark	104.0	104.7	102.6	102.5	106.9	105.8	103.3	108.7	103.2	106.8	104.8	102.3	102.2
Germany	108.1	109.2	108.9	109.1	108.6	109.3	109.7	109.0	110.0	109.1	108.0	108.3	107.8
Estonia	131.9	130.9	127.5	128.4	127.5	128.9	127.5	125.9	125.7	126.1	126.3	127.0	123.7
Ireland	126.9	115.5	118.5	149.9	135.1	138.8	131.4	127.5	138.7	138.7	136.6	141.2	140.7
Greece	88.3	87.3	87.0	89.7	90.0	88.3	83.4	83.2	86.4	89.6	88.0	86.9	89.8
Spain	91.3	91.5	91.8	92.5	93.6	93.4	93.8	94.5	95.1	93.9	95.2	95.5	95.5
France	97.2	98.6	99.0	99.5	99.5	98.5	98.8	99.0	98.1	100.0	100.1	100.7	99.8
Croatia	95.1	95.2	91.4	94.5	96.8	93.0	95.4	92.8	95.8	92.3	97.5	98.4	97.6
Italy	90.9	91.4	90.9	91.5	92.0	91.8	92.6	91.7	92.7	92.2	92.4	92.9	c
Cyprus	70.4	71.0	71.2	72.5	72.6	74.1	74.6	72.8	74.1	74.9	74.2	73.0	:
Latvia	112.2	112.3	109.2	110.0	121.8	122.0	119.5	118.0	119.6	118.0	117.2	116.8	117.1
Lithuania	119.8	116.4	112.2	119.1	114.2	118.2	120.5	121.4	121.9	117.2	115.4	128.7	125.3
Luxembourg	99.7	103.2	98.3	100.6	100.7	98.9	97.3	98.5	96.1	100.0	98.0	97.6	98.0*
Hungary	114.8	113.5	118.6	117.6	120.5	120.6	120.5	121.8	121.2	119.0	122.5	124.6	122.9
Malta	96.6	93.2	99.5	98.8	98.8	98.9	100.8	102.5	100.9	99.8	99.6	101.4	97.6
Netherlands	96.0	96.7	98.7	99.3	94.9	93.7	89.0	92.7	89.7	86.7	89.0	92.5	89.6
Austria	106.8	110.1	110.5	111.0	109.8	109.6	109.6	110.4	112.1	110.3	110.0	111.9	:
Poland	115.3	117.8	118.2	119.4	120.1	117.7	118.8	119.3	119.1	117.7	119.7	120.7	121.5
Portugal	95.3	93.6	95.3	94.4	94.9	97.2	98.7	97.1	99.1	97.1	96.1	99.8	94.9
Romania	129.2	129.3	130.7	131.0	131.2	131.0	130.9	131.9	132.2	131.6	133.1	132.7	132.5
Slovenia	102.0	102.2	104.7	105.0	105.2	105.0	106.1	105.4	106.4	106.0	106.4	106.2	106.5
Slovakia	123.8	127.1	127.2	127.7	130.3	129.0	129.5	131.1	132.8	130.8	133.6	132.8	135.3
Finland	94.2	93.7	92.5	92.6	92.9	93.0	92.4	93.7	92.9	92.8	94.0	93.1	92.6
Sweden	93.5	94.8	92.8	94.1	94.8	97.5	96.9	97.4	94.8	98.4	99.0	98.4	98.5
United Kingdom	97.4	97.3	97.3	97.7	98.3	98.4	98.6	98.5	98.1	99.0	98.9	99.0	98.3
Norway	98.3	98.0	95.3	97.8	99.3	93.5	96.0	99.3	98.2	99.5	100.7	97.6	96.9

: Data not available

* Estimated by Member State

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The source dataset is available [here](#).

Production indices for total industry, working day adjusted
 (base year 2010)

	11/12	11/13	11/14	12/14	01/15	02/15	03/15	04/15	05/15	06/15	07/15	08/15	09/15	10/15	11/15
EA19	104.0	106.7	105.9	97.9	97.7	101.6	110.9	101.3	102.4	105.3	105.1	85.9	106.3	108.4	107.1
EU28	104.0	106.9	106.6	98.8	98.4	101.5	111.4	102.0	103.2	105.9	103.9	89.0	107.0	109.4	108.1
Belgium	99.8	106.4	105.4	101.9	101.5	99.0	113.6	103.3	102.8	106.9	95.3	93.8	108.0	109.7	:
Bulgaria	110.6	115.2	115.6	113.5	106.2	104.2	109.6	107.1	105.0	111.4	113.6	106.8	108.5	114.6	117.6
Czech Republic	108.4	115.4	120.5	108.5	107.8	110.7	122.0	115.9	115.8	120.5	110.4	103.6	119.4	126.0	124.3
Denmark	110.7	111.4	111.9	100.3	102.3	98.7	110.3	102.2	102.3	111.6	89.9	106.1	111.0	112.0	110.1
Germany	110.9	115.5	115.1	104.0	101.7	105.5	116.7	107.7	107.4	110.4	111.0	101.1	112.9	113.1	114.8
Estonia	127.2	132.2	138.2	124.5	121.3	120.4	134.3	127.8	132.6	126.5	114.6	125.0	131.3	137.1	129.7
Ireland	95.5	97.0	123.2	104.6	111.7	146.6	154.5	140.1	128.0	137.5	139.5	131.1	141.6	139.1	140.7
Greece	88.9	82.9	85.7	83.8	79.0	87.1	89.9	87.4	85.6	89.3	96.1	87.1	92.3	85.1	87.3
Spain	91.5	93.6	93.5	84.4	89.2	92.2	99.7	91.9	98.3	99.4	102.3	73.2	98.4	100.0	97.8
France	101.2	102.9	99.0	100.7	101.7	101.3	109.8	100.0	93.9	104.3	96.7	73.9	102.2	106.1	101.9
Croatia	96.9	96.2	98.9	95.8	81.5	88.3	100.4	93.7	100.1	93.6	100.3	86.2	98.5	103.0	101.6
Italy	95.8	96.4	94.8	80.5	85.2	92.6	100.4	90.2	100.8	96.9	106.3	58.9	97.9	101.0	c
Cyprus	78.2	67.9	67.4	69.9	62.8	65.1	69.8	71.5	79.5	79.4	89.1	67.9	80.4	74.2	:
Latvia	118.5	119.2	116.6	114.1	98.3	97.3	118.1	122.3	114.8	118.4	121.0	124.3	122.0	131.0	121.6
Lithuania	119.0	116.8	123.0	117.8	109.2	112.9	118.0	114.2	120.5	122.2	121.4	117.4	115.9	131.8	129.0
Luxembourg	91.1	96.0	100.2	101.6	93.9	98.2	109.3	100.8	98.4	99.5	95.9	87.2	99.8	103.9	98.5*
Hungary	112.3	119.3	126.1	107.3	114.5	112.0	127.7	118.3	121.3	125.5	119.1	106.5	130.4	133.3	135.0
Malta	105.2	96.0	94.4	80.6	96.5	93.6	107.3	100.0	101.9	109.5	108.5	92.5	103.2	106.2	95.0
Netherlands	107.6	109.5	105.2	108.1	109.7	107.5	106.4	90.3	85.2	88.7	79.0	73.1	86.0	96.0	96.8
Austria	115.5	115.5	113.6	110.2	97.9	104.0	117.2	108.9	108.0	113.7	113.5	99.0	117.0	118.0	:
Poland	111.1	119.2	120.0	113.3	112.3	113.0	127.3	116.2	116.6	119.8	116.9	111.6	125.9	130.5	126.6
Portugal	95.2	98.6	97.7	86.6	96.0	94.8	99.0	95.2	102.7	100.6	103.8	81.6	99.1	101.3	97.3
Romania	121.7	132.9	136.5	120.7	126.3	127.3	139.9	128.8	135.4	133.5	133.7	113.9	137.1	141.2	139.1
Slovenia	103.4	104.3	107.1	94.2	98.2	101.2	113.9	103.9	108.9	111.1	107.3	90.8	112.0	112.8	111.6
Slovakia	120.8	135.5	130.7	112.7	123.0	126.7	140.6	129.2	130.4	137.3	127.8	112.1	136.4	145.5	146.2
Finland	107.7	106.7	105.1	103.9	74.7	78.4	96.3	86.1	96.3	92.1	83.7	94.5	102.0	107.6	103.3
Sweden	103.3	103.0	98.6	97.2	88.8	91.3	102.5	99.5	98.5	102.1	77.0	88.9	102.8	105.0	104.0
United Kingdom	98.5	100.1	101.2	95.5	95.6	95.6	106.6	96.6	98.8	99.4	96.4	92.6	99.4	102.0	101.6
Norway	100.9	98.5	102.7	100.5	102.1	96.3	104.1	90.6	95.4	94.7	87.6	96.8	96.2	102.7	101.0

: Data not available

* Estimated by Member State

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The source dataset is available [here](#).