

# Oil and natural gas extraction data

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Climate Mitigation Services  
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## Syrian Petroleum Company, Syria

[www.spc.com.sy](http://www.spc.com.sy)

Damascus

yellow column indicates original reported units

100% State-owned enterprise

## Production / Extraction data

Year	Crude Oil & NGL			Natural Gas			Background data	
	Net production Thousand bbl/d	Net production Million bbl/yr	Net production Million tonnes/yr	Net production Million cf/d	Net production Million SCM/d	Net production Billion cf/yr		



### Syrian Petroleum partners

Al Furat Petroleum Company (1985 -, w Shell and PetroCanada);  
Syria-Sino Alkawkab Oil Company/DEZPC/TEPS (1990-),  
Oudeh Petroleum Company (2003 -)  
Dijia Petroleum Company (2008 -)

Crude oil - production:  
162,500 bbl/day (2012 est.)  
country comparison to the world: 40

Crude oil - exports:  
152,400 bbl/day (2010 est.)  
country comparison to the world: 34

Crude oil - imports:  
0 bbl/day (2010 est.)  
country comparison to the world: 124

Crude oil - proved reserves:  
2.3 billion bbl (1 January 2013 est.)  
country comparison to the world: 33

Refined petroleum products - production:  
253,600 bbl/day (2010 est.)  
country comparison to the world: 48

Refined petroleum products - consumption:  
258,800 bbl/day (2011 est.)  
country comparison to the world: 45

Refined petroleum products - exports:  
36,210 bbl/day (2010 est.)  
country comparison to the world: 65

Refined petroleum products - imports:  
104,800 bbl/day (2010 est.)  
country comparison to the world: 50

Natural gas - production:  
7.87 billion cu m (2011 est.)  
country comparison to the world: 45

Natural gas - consumption:  
9.63 billion cu m (2010 est.)  
country comparison to the world: 68

Natural gas - exports:  
0 cu m (2011 est.)  
country comparison to the world: 182

Natural gas - imports:  
250 million cu m (2011 est.)  
country comparison to the world: 68

Natural gas - proved reserves:  
240.7 billion cu m (1 January 2013 est.)  
country comparison to the world: 45

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Year	Syria	Syria	Syrian Petroleum	60% of Syria			60%			60%			%
	thousand bbl/day	million bbl/yr	million bbl/yr	million bbl/yr	million bbl/yr	million bbl/yr	million bbl/yr	million bbl/yr	million bbl/yr	million bbl/yr	million bbl/yr	million bbl/yr	
		9.96	6	6	6	6	6	6	6	6	6	6	60%
		16.77	10	10	10	10	10	10	10	10	10	10	60%
	80	29	18	18	18	18	18	18	18	18	18	18	60%
	100	37	22	22	22	22	22	22	22	22	22	22	60%
	124	45	27	27	27	27	27	27	27	27	27	27	60%
	105	38	23	23	23	23	23	23	23	23	23	23	60%
	124	45	27	27	27	27	27	27	27	27	27	27	60%
	170	62	37	37	37	37	37	37	37	37	37	37	60%
	175	64	38	38	38	38	38	38	38	38	38	38	60%
	188	69	41	41	41	41	41	41	41	41	41	41	60%
	170	62	37	37	37	37	37	37	37	37	37	37	60%
	166	61	36	36	36	36	36	36	36	36	36	36	60%
	164	60	36	36	36	36	36	36	36	36	36	36	60%
	166	61	36	36	36	36	36	36	36	36	36	36	60%
	160	58	35	35	35	35	35	35	35	35	35	35	60%
	167	61	37	37	37	37	37	37	37	37	37	37	60%
	170	62	37	37	37	37	37	37	37	37	37	37	60%
	178	65	39	39	39	39	39	39	39	39	39	39	60%
	195	71	43	43	43	43	43	43	43	43	43	43	60%
	231	84	51	51	51	51	51	51	51	51	51	51	60%
	266	97	58	58	58	58	58	58	58	58	58	58	60%
	342	125	75	75	75	75	75	75	75	75	75	75	60%
	390	142	85	85	85	85	85	85	85	85	85	85	60%
	494	180	108	108	108	108	108	108	108	108	108	108	60%
	483	176	106	106	106	106	106	106	106	106	106	106	60%
	562	205	123	123	123	123	123	123	123	123	123	123	60%
	568	207	124	124	124	124	124	124	124	124	124	124	60%
	588	215	129	129	129	129	129	129	129	129	129	129	60%
	606	221	133	133	133	133	133	133	133	133	133	133	60%
	584	213	128	128	128	128	128	128	128	128	128	128	60%
	576	210	126	126	126	126	126	126	126	126	126	126	60%
	562	205	123	123	123	123	123	123	123	123	123	123	60%
	551	201	121	121	121	121	121	121	121	121	121	121	60%
	518	189	113	113	113	113	113	113	113	113	113	113	60%
	525	192	115	115	115	115	115	115	115	115	115	115	60%
	514	188	113	113	113	113	113	113	113	113	113	113	60%
	491	179	108	108	108	108	108	108	108	108	108	108	60%
	467	170	102	102	102	102	102	102	102	102	102	102	60%
	441	161	97	97	97	97	97	97	97	97	97	97	60%
	415	151	91	91	91	91	91	91	91	91	91	91	60%
	404	148	89	89	89	89	89	89	89	89	89	89	60%
	403	147	88	88	88	88	88	88	88	88	88	88	60%
	420	153	92	92	92	92	92	92	92	92	92	92	60%
	373	136	82	82	82	82	82	82	82	82	82	82	60%
	170	62	37	37	37	37	37	37	37	37	37	37	60%
	75	27	16	16	16	16	16	16	16	16	16	16	60%
	32	12	7	7	7	7	7	7	7	7	7	7	60%
	38	14	8	8	8	8	8	8	8	8	8	8	60%
	37	13	8	8	8	8	8	8	8	8	8	8	60%
	21	8	5	5	5	5	5	5	5	5	5	5	60%
	30	11	7	7	7	7	7	7	7	7	7	7	60%

1 m<sup>3</sup> oil = 6.290 bbl

1 SCM = 35.315 cf

Oil & Gas Journal million bbl /yr	Oil & Gas Journal Bcf/yr
61	22.2
93	24.5
124	25.8
142	47.2
175	122.9
189	130.8
210	146.9
210	155.8
221	155.0
224	154.3
206	138.1
202	136.5
196	
191	
188	
	211.9

EIA  
EIA  
EIA  
interpolated  
CIA estimate  
CIA estimate  
CIA estimate  
CIA estimate  
www.cia.gov/library/publications/the-world-factbook/geos/sy.html  
CIA: Crude prod 2012: 66.6 million bbl.  
CIA World Factbook, 2017 est  
BP Stat Rev

Total	na	3,253	na	3,911.8	3,574	na	na
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**US Energy Information Administration, International Energy Statistics**

[www.eia.gov/emeu/international/energy.html](http://www.eia.gov/emeu/international/energy.html)

Vented & Flared of

Year	Syrian Crude oil, condensate, & NGPL		Syrian Vented & Flared of				Syrian Dry NatGas Prod
	k bbl per day	million bbl per yr	Gross NatGas Prod Bcf per year	Prod Market Gas Bcf per year	Reinjected NatGas Bcf per year	%	
1980	164	60	NA	NA	-	-	17
1981	166	61	NA	NA	-	-	9
1982	160	58	NA	NA	-	-	9
1983	167	61	NA	NA	-	-	9
1984	170	62	NA	NA	-	-	9
1985	178	65	NA	NA	-	-	5
1986	195	71	NA	NA	-	-	9
1987	231	84	NA	NA	-	-	22
1988	266	97	NA	NA	-	-	18
1989	342	125	NA	NA	-	-	35
1990	390	142	133	107	7	14%	18
1991	494	180	158	129	11	11%	18
1992	483	176	192	132	11	18%	34
1993	562	205	164	136	14	9%	14
1994	568	207	168	139	14	8%	14
1995	588	215	155	123	16	10%	16
1996	606	221	204	171	17	8%	16
1997	584	213	226	191	19	7%	16
1998	576	210	269	237	18	6%	15
1999	562	205	278	247	17	5%	14
2000	551	201	280	249	17	5%	14
2001	518	189	252	216	25	4%	11
2002	525	192	318	253	57	3%	9
2003	514	188	332	260	62	3%	10
2004	491	179	343	270	63	3%	10
2005	467	170	297	234	53	3%	10
2006	441	161	305	235	62	3%	9
2007	415	151	300	222	72	2%	5
2008	404	148	297	219	72	2%	5
2009	403	147	287	239	43	2%	5
2010	420	153	356	327	24	1%	5
2011	373	136	392	294	90	2%	8
2012	170	62	332	238	90	1%	4
2013	75	27	274	238	67	4%	11
2014	32	12	249	238	64	4%	9
2015	38	14	219	238	46	8%	18
2016	37	13	NA	NA	-	-	132
2017	21	8	NA	NA	-	-	132
2018	30	11	NA	NA	-	-	132

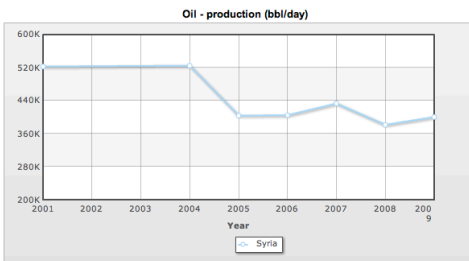
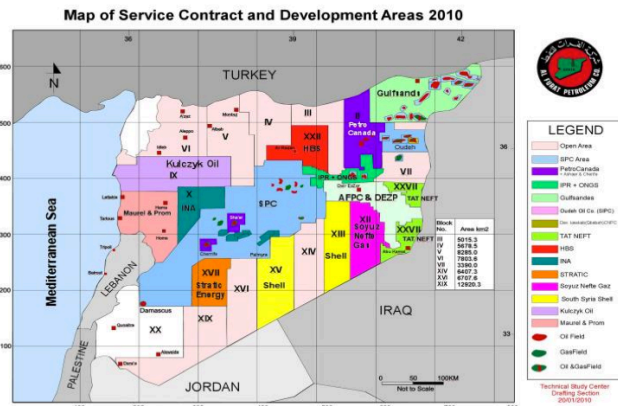
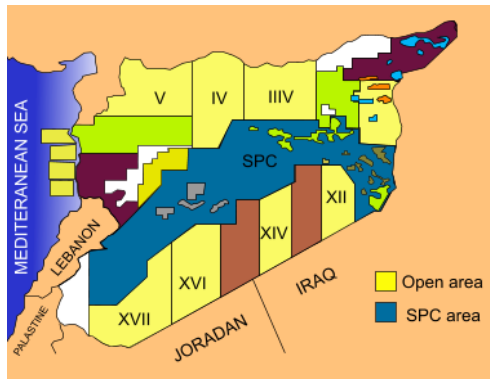
Updated June 2019  
Crude oil, condensate, & NGPL

Updated June 2019

Updated June 2019

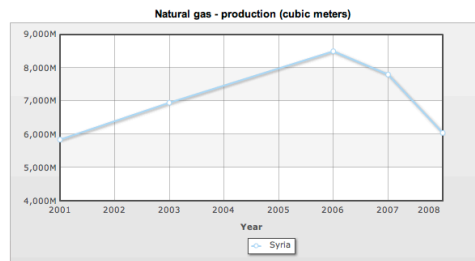
Updated June 2019  
(dry gas, EIA stat to 187)

1990-2011 totals	6,038	4,868	873	5%	281	4,496
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Country	2001	2004	2005	2006	2007	2008	2009
Syria	522,700	525,000	403,800	405,000	433,200	381,600	400,400

CIA Factbook



Country	2001	2003	2006	2007	2008
Syria	5,840,000,000	6,950,000,000	8,500,000,000	7,800,000,000	6,040,000,000

CIA Factbook

**Cell:** H9

**Comment:** Rick Heede:

SPC: "Oil Prospecting activities were carried out in Syria by foreign companies only until 1958 when the legislation decree no . 167 was issued by virtue of which the General commission for petroleum affairs was established , the legislator granted the commission the authority to carry out exploration and production activities in addition to other tasks (refining , transporting , and purchasing of oil derivatives). In 1964 the legislation decree no . 133 was issued , it restricted the granted licenses for exploration and investment to the government only . In 1974 the legislation decree no . 9 was issued by virtue of which the Syrian Petroleum Company (SPC) was established, more over other specialized companies were established and linked to Ministry of Petroleum and mineral resources .As a result of the development of the legislation forms related to the exploration and production activities the legislation decree no . of 1975 was issued ,it granted the permission to the international oil companies to explore and invest in the oil and gas sector according to production sharing contracts between the Syrian government , SPC and the contactors . SPC occupies the most important economic position in Syria; financially on the one hand, where its revenues are more than 50% of the national income, and socially on the other hand, as SPC manpower is about 16000 distributed among its different directorates according to the organizational structure Accommodation services and full medical care are provided to all personnel and their families . SPC is responsible for all activity related to oil and gas industry including exploration activities, oil and gas production as all exploration and drilling works, reservoir, production, gathering and development studies. www.spc-sy.com/en/production/activities1\_en.php: April 2013: SPC URL changed to www.spc.com.sy

**Cell:** M9

**Comment:** Rick Heede:

World Bank, 2008b, page 520: "The Syrian Petroleum Co. is an arm of the Ministry of Petroleum and Mineral Resources. Al-Furat is a joint venture. The Syrian government is the sole owner of all companies except Al-Furat where their interest is undisclosed. Al-Furat is a Syrian joint stock company with a service contract for production operations. Shares Controlled by Government: 100%." "SPC operates only in Syria. Syria has tendered exploration blocks to private and foreign companies with production sharing agreements which include the participation of SPC and the government. It also has the Al-Furat joint venture which is focused on oil production operations pursuant to a service contract." World Bank (2008b) A Citizen's Guide to National Oil Companies, Part B: Data Directory, World Bank, Washington, & Center for Energy Economics, Bureau of Economic Geology Jackson School of Geosciences University of Texas, Austin, 764 pp.

**Cell:** D10

**Comment:** Rick Heede:

Website not accessible 22 April 2013. CMS has not in the past been able to view production data, or SPC's equity production, or general information on Production-Sharing Agreements.

**Cell:** B16

**Comment:** Rick Heede:

SPC: "In the period of 1923 – 1950: Iraq petroleum company and then Syria oil company have been acquired a Concession for oil exploration, where /11/ wells were drilled with out petroleum discoveries." www.spc.com.sy/en/aboutus/aboutus1\_en.php

**Cell:** B17

**Comment:** Rick Heede:

SPC: "In the period of 1951 – 1956: Six wells were drilled and petroleum was discovered in Karachouk field for the first time . In 1956 Concordia Company had signed an exploration contract and drilled twelve wells where oil accumulations were discovered in Souedieh field . In 1957 the Syrian Government had concluded a technical and economical cooperation contract with the Soviet Union. In 1958 General Corporate For Oil Affairs was established and entrusted to supervise the oil industry in Cooperation with the Soviet side,where during this period a geological map for Syria was made. The SPC was established in 1974 and was entrusted to execute oil and gas exploration and production operations in all parts of Syria." www.spc.com.sy/en/aboutus/aboutus1\_en.php

**Cell:** E24

**Comment:** Rick Heede:

www.spc.com.sy/en/main/company.php

**Cell:** B30

**Comment:** Rick Heede:

In 1964 the legislation decree no . 133 was issued , it restricted the granted licenses for exploration and investment to the government only.

**Cell:** F32

**Comment:** Rick Heede:

We have no information on SPC's equity production or details of production sharing agreements with international operators (which include Roayl Dutch Shell, Total SA, a Chinese company, PetroCanada, and others). Until detailed information is available, we assume that 60% of Syrian oil production is Syrian Petroleum Company's equity share for 1970-2010. The Oil & Gas Journal estimates for 1987-2001 appear to reflect total Syrian production, not SPC's, and we do not use the O&GJ data (reproduced in column L).

**Cell:** I34

**Comment:** Rick Heede:

Data for 1969-1976 from US Bureau of Mines, Minerals Yearbook. No Angolan data prior to 1969. Energy Information Administration International Energy Statistics Dry Natural Gas Production, 1980-1989, and Marketed Natural Gas Production, 1990-2010.

**Cell:** I38

**Comment:** Rick Heede:

U.S. Bureau of Mines Minerals Yearbook 1974, page 887, reports both gross and marketed production for 1972-1973.

**Cell:** B40

**Comment:** Rick Heede:

In 1974 the legislation decree no . 9 was issued by virtue of which the Syrian Petroleum Company (SPC) was established.

**Cell:** I40

**Comment:** Rick Heede:

U.S. Bureau of Mines Minerals Yearbook 1976, page 887, reports both gross and marketed production for 1974-1976.

**Cell:** L53

**Comment:** Rick Heede:

Oil & Gas Journal OGJ100 estimates for 1987-2000 (not available 2001-2008).

**Cell:** J54

**Comment:** Rick Heede:

Oil & Gas Journal OGJ100 estimates for 1987-2000 (not available 2001-2008).

**Cell:** M54

**Comment:** Rick Heede:

Oil & Gas Journal OGJ100 estimates for 1987-2000 (not available 2001-2008).

**Cell:** H61

**Comment:** Rick Heede:

Oil and gas production for 2000-2001 from EI (2003) Top 100, p. 242.

**Cell:** F64

**Comment:** Joanie: OGJ100

**Cell:** L64

**Comment:** Joanie: OGJ100

**Cell:** H66

**Comment:** Rick Heede:

Energy Intelligence data show 410 and 627 million cf/day (= 150 and 229 Bcf/yr for 2000 and 2001, respectively).

**Cell:** F67

**Comment:** Rick Heede:

OGJ dat on Syrian Petroleum ends in 2001. Data below is from USGS for 2001-2003.

**Cell:** L67

Syrian

**Comment:** Rick Heede:

OGJ dat on Syrian Petroleum ends in 2001. Data below is from USGS for 2001-2003.

**Cell:** J68

**Comment:** Rick Heede:

Dry gas production from the Yager (USGS, 2003) report on Syrian minerals production (listed in column "I").

**Cell:** M68

**Comment:** Rick Heede:

Dry gas production from the Yager (USGS, 2003) report on Syrian minerals production (listed in column "I"). U.S. Geological Survey (2003) "The Minerals Industries of Jordan, Lebanon, and Syria," Thomas R. Yager, USGS Minerals Yearbook, minerals.usgs.gov/minerals/pubs/country/2003/jolesymyb03.pdf

**Cell:** H72

**Comment:** Rick Heede:

CIA World Fact Book, Syrian natural gas production estimate (2008), in billion cubic meters.

**Cell:** D73

**Comment:** Rick Heede:

CIA World Fact Book forward estimates of Syrian oil production.

**Cell:** F73

**Comment:** Rick Heede (Jan10):

EIA nor OGJ data is available for 2007 and 2008 (nor does the Syrian Petroleum Corporation publish production data). CMS uses CIA's World Fact Book ([www.cia.gov/library/publications/the-world-factbook/geos/sy.html](http://www.cia.gov/library/publications/the-world-factbook/geos/sy.html)) forward estimates for 2007 and 2008, even though these forecasts do not appear to be compared against actual production. CIA data in column "D" is annualized.

**Cell:** D80

**Comment:** Rick Heede:

Estimated from chart at right (Trading Economics . Com)

**Cell:** D83

**Comment:** Rick Heede:

We cite EIA data on oil production in Syria, downloaded June 2019, from 1980 to 2018, and allocate 60% of national production to Syrian Petroleum (this is subject to revision, and likely that 100% of national production is by the national oil company.

CIA: 14,000 bbl per day (est 2017)

Central Intelligence Agency (2018) The World Factbook -

<https://www.cia.gov/library/publications/the-world-factbook/>

Syria energy data: <https://www.cia.gov/library/publications/the-world-factbook/geos/sy.html>

**Cell:** H83

**Comment:** Rick Heede:

CIA: 3.738 billion cubic meters (Bcm) (est 2017). Reserves: 240.7 Bcm, 1Jan2018. Consumption: 3.738 Bcm.

Central Intelligence Agency (2018) The World Factbook -

<https://www.cia.gov/library/publications/the-world-factbook/>

Syria energy data: <https://www.cia.gov/library/publications/the-world-factbook/geos/sy.html>