

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

Damascus

yellow column indicates original reported units

100% State-owned enterprise

Production / Extraction data

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



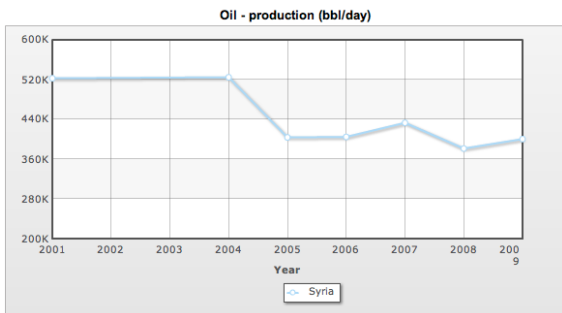
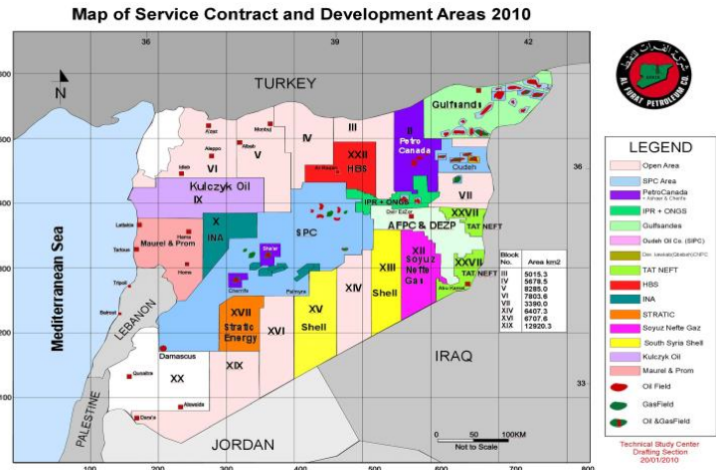
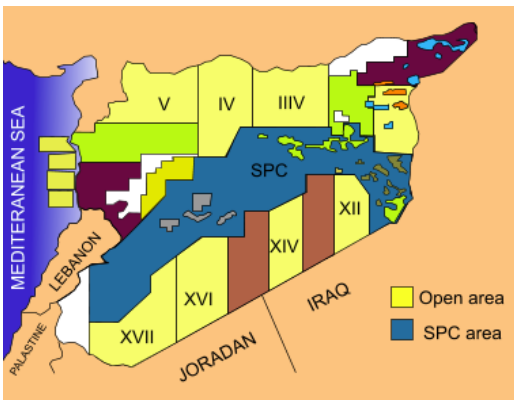
Syrian Petroleum partners

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



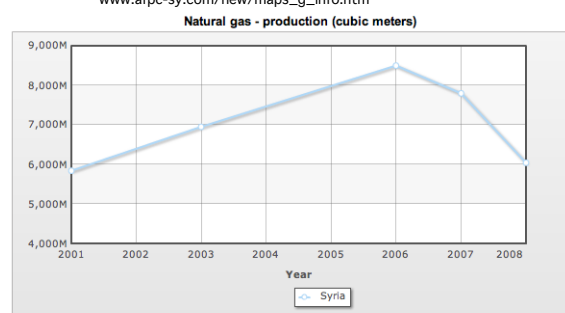
Year	Syria thousand bbl /day	Syria million bbl /yr	Syrian Petroleum 60% of Syria million bbl /yr	Syria gross gas prod'n Bcf/yr	Syria net gas prod'n Bcf/yr	Syrian Petroleum Bcf /yr	Oil & Gas Journal million bbl /yr	Oil & Gas Journal Bcf/yr
1950								
1951								
1952								
1953								
1954								
1955								
1956								
1957								
1958								
1959								
1960								
1961								
1962								
1963								
1964								
1965								
1966								
1967								
1968		9.96	6					
1969		16.77	10					
1970	80	29	18					
1971	100	37	22	na	na			
1972	124	45	27	40	8	5		1 m^3 oil = 6.290 bbl
1973	105	38	23	37	7	4		
1974	124	45	27	40	6	4		1 SCM = 35.315 cf
1975	170	62	37	58	7	4		
1976	175	64	38	61	8	5		
1977	188	69	41	interpolated	10	6		
1978	170	62	37	interpolated	12	7		
1979	166	61	36	interpolated	15	9		
1980	164	60	36		17	10		
1981	166	61	36		9	5		
1982	160	58	35		9	5		
1983	167	61	37		9	5		
1984	170	62	37		9	5		
1985	178	65	39		5	3		
1986	195	71	43		9	5		
1987	231	84	51	OGJ100	22	13		
1988	266	97	58		18	11	61	22.2
1989	342	125	75		35	21	93	24.5
1990	390	142	85		107	64	124	25.8
1991	494	180	108		129	77	142	47.2
1992	483	176	106		132	79	175	122.9
1993	562	205	123		136	82	189	130.8
1994	568	207	124		139	84	210	146.9
1995	588	215	129	EI 2000-2001	123	74	210	155.8
1996	605	221	133	300	171	103	221	155.0
1997	584	213	128	328	191	115	224	154.3
1998	576	210	126		237	142	206	141.3
1999	562	205	123		247	148	202	138.1
2000	551	201	121		249	149	196	136.5
2001	518	189	113	410	216	130	191	
2002	525	192	115	627	253	152	188	211.9
2003	514	188	113	million m^3	260	156		
2004	491	179	108	million bbl	270	162		
2005	467	170	102		234	140		
2006	441	161	97	CIA est Syria	235	141		
2007	415	151	91	billion SCM/yr	222	133		
2008	404	148	89		219	131		
2009	403	147	88	6.04	239	143		
2010	404	148	89	6.04	327	196		
Total	na		3,079	na	3,912.1	2,731	na	na

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	
80															
81															
82		US Energy Information Administration, International Energy Statistics													
83		www.eia.gov/emeu/internationalenergy.html													
84		Vented & Flared of													
85		Syrian		Syrian		Syrian		Syrian		Syrian		Syrian		Syrian	
86		Crude oil, condensate, & NGPL 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		gross %		Vented & Flared Bcf per year	
87		Updated April 2013													
88	1980	164	60	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17	
89	1981	166	61	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9	
90	1982	160	58	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9	
91	1983	167	61	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9	
92	1984	170	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9	
93	1985	178	65	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5	
94	1986	195	71	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9	
95	1987	231	84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22	
96	1988	266	97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18	
97	1989	342	125	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35	
98	1990	390	142	133	107	7	14%	18	103						
99	1991	494	180	158	129	11	11%	18	124						
100	1992	483	176	192	132	11	18%	34	127						
101	1993	562	205	164	136	14	9%	14	131						
102	1994	568	207	168	139	14	8%	14	134						
103	1995	588	215	155	123	16	10%	16	104						
104	1996	605	221	204	171	17	8%	16	142						
105	1997	584	213	226	191	19	7%	16	161						
106	1998	576	210	269	237	18	6%	15	203						
107	1999	562	205	278	247	17	5%	14	213						
108	2000	551	201	280	249	17	5%	14	215						
109	2001	518	189	252	216	25	4%	11	197						
110	2002	525	192	318	253	57	3%	9	240						
111	2003	514	188	332	260	62	3%	10	242						
112	2004	491	179	343	270	63	3%	10	251						
113	2005	467	170	297	234	53	3%	10	215						
114	2006	441	161	305	235	62	3%	9	221						
115	2007	415	151	300	222	72	2%	5	212						
116	2008	404	148	297	219	72	2%	5	208						
117	2009	403	147	287	239	43	2%	5	230						
118	2010	404	148	356	327	24	1%	5	316						
119	2011	334	122	392	294	90	2%	8	278						
120	2012	182	66												
121	1990-2011 totals					5,706	4,629	783	5%	277	4,268				



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 O&GJ100 estimates for 1987-2000 (not available 2001-2008).

Cell: J54

Comment: Rick Heede:

Oil & Gas Journal O&GJ100 estimates for 1987-2000 (not available 2001-2008).

Cell: M54

Comment: Rick Heede:

Oil & Gas Journal O&GJ100 estimates for 1987-2000 (not available 2001-2008).

Cell: H61

Syrian

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

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 Coproration publish production data). CMS uses CIA's World Fact Book (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.