

Oil and natural gas extraction data

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Climate Mitigation Services
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Egyptian General Petroleum Corp., Egypt

www.egpc.com.eg Cairo

yellow column indicates original reported units 100% State-owned enterprise

Production / Extraction data

Year

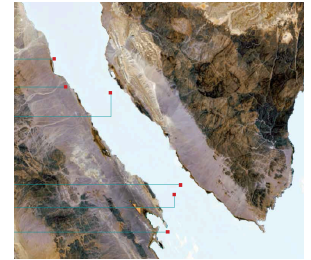
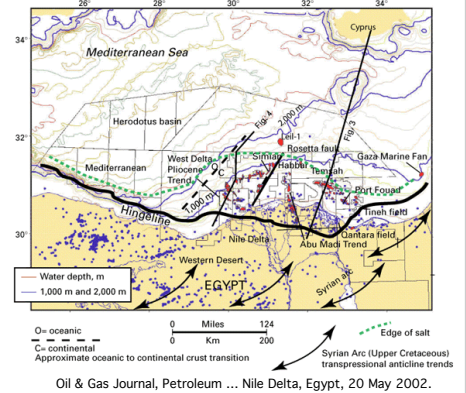
Year	Crude Oil & NGL			Natural Gas			Other data	
	Net production	Net production	Net production	Net production	Net production	Net production	Egyptian Genl	Egyptian Genl
	Thousand bbl /d	Million bbl /yr	Million bbl /yr		Billion cf/yr	Billion cf/yr	Million bbl /yr	Bcf/yr
		EGPC			EGPC & EGAS			

OGJ prod'n data may be in error:
EGPC exceeds total Egyptian oil prod in many years



وزارة البترول هيئة البترول

No production data in Annual Report 2015
(in English, that is: in Egyptian)



AnnRpt 2015

Year	Total Egypt		Attributed to EGPC Percent of Egypt	Egypt gross gas prod'n Bcf/yr	Egypt net gas prod'n Bcf/yr	Attributed to EGPC Percent of Egypt	EGPC AnnRpt
	US BuMines 59-69 US EIA 1970-10 million bbl /yr	million bbl /yr					
1950							
1951							
1952							
1953							
1954							
1955							
1956							
1957							
1958							
1959							
1960							
1961							
1962							
1963							
1964							
1965							
1966							
1967							
1968							
1969							
1970	326	119	12	37	3	0.3	
1971	293	107	11	31	3	0.3	
1972	231	85	8	23	3	0.3	
1973	165	61	6	31	3	0.3	
1974	150	55	6	50	2	0.2	
1975	235	86	9	51	2	0.2	
1976	330	122	62	72	13	7	51%
1977	415	156	79	interpolated	18	9	51%
1978	485	183	93	interpolated	22	11	51%
1979	525	198	101	interpolated	26	13	51%
1980	612	223	114		30	15	51%
1981	615	224	114		50	26	51%
1982	690	252	128		94	48	51%
1983	752	274	140		113	58	51%
1984	847	309	158		143	73	51%
1985	914	334	170		175	89	51%
1986	837	306	156		200	102	51%
1987	921	336	171		222	113	51%
1988	883	322	164		244	124	51%
1989	910	332	169		273	139	51%
1990	913	333	170		286	146	51%
1991	919	335	171		321	164	51%
1992	895	327	167		349	178	51%
1993	908	331	169		399	203	51%
1994	914	334	170		423	216	51%
1995	939	343	175		439	224	51%
1996	943	344	175		473	241	51%
1997	879	321	164		477	243	51%
1998	858	313	160		485	247	51%
1999	882	322	164		518	264	51%
2000	803	293	150		646	330	51%
2001	758	277	141		867	442	51%
2002	751	274	140		883	450	51%
2003	750	274	140		1,058	540	51%
2004	708	258	132		1,150	586	51%
2005	690	252	128		1,501	765	51%
2006	666	243	124		1,932	985	51%
2007	664	242	124		1,967	1,003	51%
2008	694	253	129		2,083	1,062	51%
2009	704	257	131		2,214	1,129	51%
2010	698	255	130		2,166	1,105	51%
2011	704	257	131		2,163	1,103	51%
2012	709	259	132		2,144	1,094	51%
2013	709	259	132		2,009	1,025	51%
2014	708	259	132		1,723	879	51%
2015	719	262	134		1,565	798	51%
2016	684	250	127		1,497	763	51%
2017	659	241	123		1,796	916	51%
2018	669	244	125		2,068	1,055	51%
Total	na	10,734	6,107	na	10,412	18,987	3,640 6,425

Year	OGJ100	OGJ100
1996	no data	no data
1997	no data	no data
1998	no data	no data
1999	no data	no data
2000	no data	no data
2001	no data	no data
2002	no data	no data
2003	no data	no data
2004	no data	no data
2005	no data	no data
2006	no data	no data
2007	no data	no data
2008	no data	no data
2009	no data	no data
2010	no data	no data
2011	no data	no data
2012	no data	no data
2013	no data	no data
2014	no data	no data
2015	no data	no data
2016	358	550
2017	319	484
2018	295	480
2019	311	476
2020	297	471
2021	276	471
2022	274	527
2023	274	501
2024	259	498
2025	254	483
2026	244	484
2027	233	493
2028	248	510
2029	232	527
2030	270	512
2031	244	1,330
2032	244	1,279
2033	245	1,260
2034	251	1,260
2035	241	1,565
2036	240	1,500
2037	231	1,524

OGJ Sep16
OGJ Sep16
OGJ Sep18
OGJ Sep18

Egypt

A B C D E F G H I J K L M N O P Q

US Energy Information Administration, International Energy Statistics

www.eia.gov/emeu/international/energy.html

Vented & Flared of

	Egypt	
	Crude oil, condensate, & NGPL k bbl per day	million bbl per yr
1980	612	223
1981	615	224
1982	690	252
1983	752	274
1984	847	309
1985	914	334
1986	837	306
1987	921	336
1988	863	322
1989	910	332
1990	913	333
1991	919	335
1992	895	327
1993	908	331
1994	914	334
1995	939	343
1996	943	344
1997	879	321
1998	858	313
1999	882	322
2000	803	293
2001	758	277
2002	751	274
2003	750	274
2004	708	258
2005	690	252
2006	666	243
2007	664	242
2008	694	253
2009	704	257
2010	698	255
2011	704	257
2012	709	259
2013	709	259
2014	708	259
2015	719	262
2016	684	250
2017	659	241
2018	669	244

Updated April 2013

	Egypt		Egypt		Egypt		Egypt		Egypt	
	Gross NatGas Prod Bcf per year	Prod Market Gas Bcf per year	Reinjected NatGas Bcf per year	gross %	Vented & Flared Bcf per year	Dry NatGas Prod Bcf per year				
NA		NA	-		-	30				
NA		NA	-		-	50				
NA		NA	-		-	94				
NA		NA	-		26	113				
NA		NA	-		19	143				
NA		NA	-		29	175				
NA		NA	-		33	200				
NA		NA	-		18	222				
NA		NA	-		7	244				
NA		NA	-		7	273				
	402	286		35 10%	42	286				
	478	359		36 17%	83	321				
	479	364		35 17%	80	349				
	527	446		35 9%	46	399				
	549	471		35 8%	42	423				
	563	487		35 7%	41	439				
	631	559		34 6%	39	473				
	641	571		33 6%	37	477				
	645	580		32 5%	32	485				
	694	629		32 5%	32	518				
	860	802		28 4%	30	646				
	1,063	1,008		25 3%	30	867				
	1,107	1,049		28 3%	30	883				
	1,216	1,157		28 2%	30	1,058				
	1,296	1,247		21 2%	28	1,150				
	1,670	1,610		35 2%	28	1,501				
	2,112	1,713		35 1%	28	1,932				
	2,197	1,771		71 1%	30	1,967				
	2,312	2,211		71 1%	30	2,083				
	2,443	2,343		71 1%	30	2,214				
	2,369	2,284		64 1%	21	2,166				
	2,340	2,280		21 3%	62	2,163				
	2,314	2,228		69 1%	14	2,144				
	2,181	2,228		72 1%	18	2,009				
	1,907			67 3%	49	1,723				
	1,742			67 2%	42	1,565				
NA						1,497				
NA						1,796				

Updated June 2019
Crude oil, condensate, & NGPL

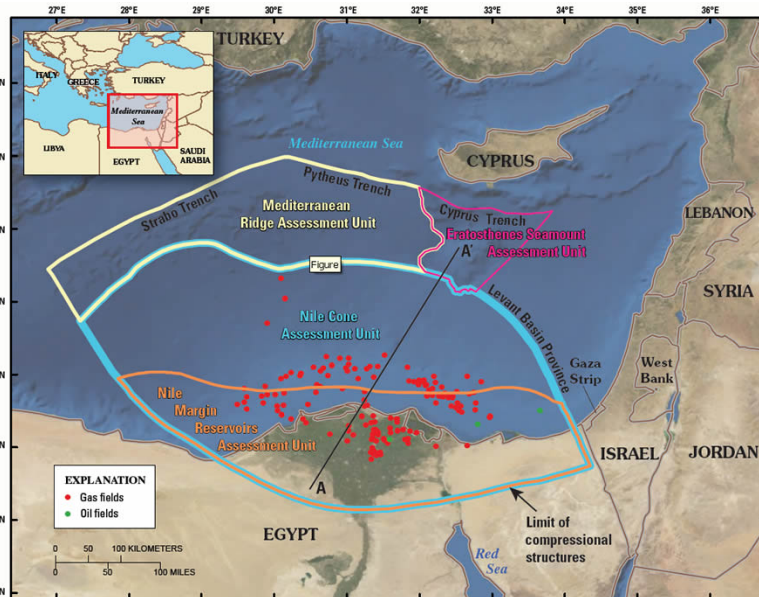
Updated June 2019

Updated June 2019

Updated June 2019
(dry gas, EIA stat to 2017)

1990-2011 totals	28,908	24,227	841	3.0%	853	22,800
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	EIA NGL (k bbl/d) added crude oil
1970	1
1971	1
1972	1
1973	1
1974	1
1975	1
1976	3
1977	12
1978	17
1979	17
1980	17
1981	17
1982	20
1983	25
1984	25
1985	27
1986	24
1987	25
1988	35
1989	45
1990	40
1991	45
1992	45



U.S. Geological Survey (2010) Undiscovered Oil and Gas of the Nile Delta Basin, Eastern Mediterranean, USGS fact sheet 2010-3027.

Egypt

Cell: J9

Comment: Rick Heede:

Egyptian General Petroleum Corporation (EGPC) Economic organization belongs to the ministry of petroleum, General organization for petroleum affairs has been established under law no. 135 of 1956 amended by law no. 167 of 1958, EGPC established under law no. 20 of 1976. EGPC managing the exploration and production operations in its affiliated 93 joint venture companies representing 28 different nationalities , including several major international companies. www.egpc.com.eg/index.html (15 Nov 2011).

Cell: M9

Comment: Rick Heede:

World Bank, 2008b, page 422: "EGPC was incorporated in Egypt according to the Law no. 135 of 1956 under the name of "The General Corporation of Petroleum Affairs. EGPC Group comprises the holding, and 12 public sector companies. In addition, there are over 50 joint venture companies with foreign partners. Shares Controlled by Government: 100%." 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: D11

Comment: Rick Heede:

On this worksheet we report extractive data for each company or state-owned enterprise. Three columns under crude oil and natural gas allow for data reported in one of three formats (e.g., thousand barrels per day, or million barrels per year, or million tonnes per year). Coal is normally reported in U.S. or metric tonnes per year. Note: the carbon content of the extracted resources is adjusted by a number of factors before emissions estimates. Most important is the subtraction of the fraction typically sequestered in petrochemicals and other non-combusted uses such as road oils, waxes, lubricants, greases, etc. See the non-energy uses worksheet for details.

Cell: F12

Comment: Rick Heede:

Total net worldwide crude oil plus natural gas liquids produced by each company or state-owned enterprise. Crude production includes natural gas liquids (NGL) unless noted.

Cell: J12

Comment: Rick Heede:

Natural gas is typically reported as dry gas; natural gas liquids are reported under crude oil. Carbon dioxide is normally removed from the gas flow at the production site (see "Vented Carbon Dioxide"). "SCM/d" = standard cubic meters per day. "cf/d" = cubic feet per day.

Cell: E15

Comment: Rick Heede:

According to the EIA Country Study on Egypt (May05), EGPC has production-sharing agreements with several international oil and gas companies, e.g., BP, Apache, ENI-Agip, Shell, and BG. Shell, TotalFinElf, and ENI have been awarded offshore exploration blocks.

Cell: F19

Comment: Rick Heede:

CMS considers the Oil & Gas Journal's OGJ100 oil and gas production data (published for 1996-2004 only) as likely in error. Given that EGPC has signed production-sharing agreements and offered concessions to several international oil and gas companies (e.g., BP, BG, Apache, Shell, ENI, and Total), oil production should be some fraction, albeit possibly a high proportion, of total national production. In many years, EIA production data for Egypt is lower than OGJ's production attributed to EGPC. For example, OGJ shows 358 million bbl in 1996, whereas EIA shows 337 million bbl for Egypt; OGJ 259 million bbl for EGPC in 2004, and EIA 217 million bbl for Egypt.

Cell: F23

Comment: Rick Heede:

EGPC does not publish their equity production, or percentage production of total Egyptian oil and gas production. We assume -- until comprehensive data becomes available -- that EGPC nationalized 51 percent of production of both oil and natural gas commencing with the creation of EGPC in 1976. This will be revised if equity production or working interest shares by year are documented.

Cell: J33

Comment: Rick Heede:

EGPC does not publish their equity production, or percentage production of total Egyptian oil and gas production. We assume -- until comprehensive data becomes available -- that EGPC nationalized 51 percent of production of both oil and natural gas commencing with the creation of EGPC in 1976. This will be revised if equity production or working interest shares by year are documented.

Cell: I35

Comment: Rick Heede:

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

Cell: D36

Comment: Rick Heede:

EIA, Crude Oil production 1970-1992, including lease condensate but not NGL production, judging from the 1993 overlap.

Cell: I40

Comment: Rick Heede:

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

Cell: B42

Comment: Rick Heede:

EGPC established under law no. 20 of 1976.

Cell: D46

Comment: Rick Heede:

Data 1980-2010 from EIA International Energy Statistics, World Crude Oil Production, plus Lease Condensate, and natural gas plant liquids (NGPLs).

Cell: F62

Comment: Rick Heede:

We continue the 51 percent attribution of Egypt's oil production to EGPC; the Oil & Gas Journal data (reproduced in column L at right) are much higher over the whole period and roughly equal the EIA total Egyptian oil production statistics in column E.

Cell: J62

Comment: Rick Heede:

We continue the 51 percent attribution of Egypt's natural gas production to EGPC; the Oil & Gas Journal data (reproduced in column M at right) are much higher in the 1990s, though lower in the 2000s.

Cell: L66

Comment: Rick Heede:

Energy Intelligence shows 398 and 358 thousand bbl per day for 2000 and 2001, respectively (145 and 131 million bbl per year).

Cell: M66

Comment: Rick Heede:

Energy Intelligence shows 888 and 1,022 million cf per day for 2000 and 2001, respectively (324 and 373 Bcf per year).

Cell: M74

Comment: Rick Heede (Dec09):

Oil & Gas Journal OGJ100, various years; 2008 gas production not available; CMS assumes equal to 2007.

Cell: L75

Comment: Rick Heede:

OGJ100 6Sep2010 pg 69; 2008 production reported as 237.3 lower than earlier report at 247.8

Cell: M75

Comment: Rick Heede:

OGJ100 6Sep 2010: 1,445 million cf/day in 2009, and 1,404 million cf/day in 2010.

Egypt

Cell: L76

Comment: Rick Heede:
Oil & Gas Journal, OGJ 100, 30Oct2011.

Cell: M77

Comment: Rick Heede:
Oil and gas production data from Energy Intelligence (2003) Top 100: Ranking the World's Oil Companies, p. 138.

Cell: L82

Comment: Rick Heede:
Oil & Gas Journal OGJ100, September 2018.

Cell: H84

Comment: Rick Heede:
EGCP Annual Reports are listed on the website but with a failed link. Repeated attempts in 2018 and 2019 and 2020 all showed "server error." CAI emailed the company to request a viable link or a PDF of their 2018 Annual Report.

Cell: L84

Comment: Rick Heede:
BP (2019) Statistical Review of Energy. Gas production, Egypt. CAI attributes 51% of Egyptian gas production to EGPC.