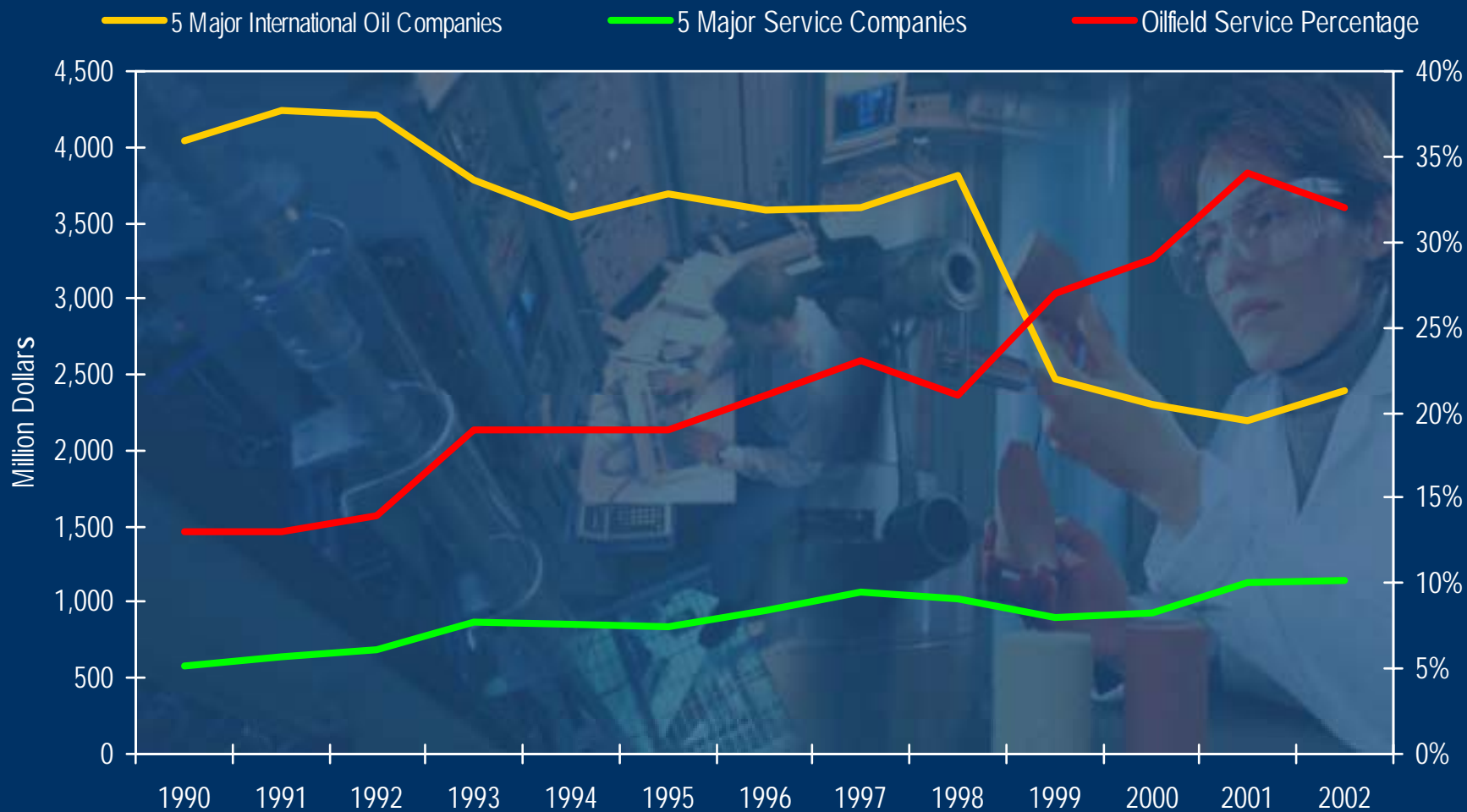


# R&D Spend 1990 - 2002



Source: Company reports

# Largest Oil-Producing Companies, mb/d

1972				2000			
Rank	Company	Production	Share	Company	Production	Share	
1	Exxon	5.0	10.8%	Saudi Aramco	8.8	11.7%	
2	BP	4.7	10.1%	NIOC, Iran	3.8	5.0%	
3	Shell	4.2	9.0%	PEMEX, Mexico	3.5	4.6%	
4	Texaco	3.8	8.2%	PDVSA, Venezuela	2.9	3.9%	
5	Chevron	3.2	7.0%	INOC, Iraq	2.6	3.4%	
6	Gulf	3.2	7.0%	ExxonMobil	2.6	3.4%	
7	Mobil	2.3	5.0%	Shell	2.3	3.0%	
8	Former Planned Economies	1.3	2.8%	CNPC, China	2.1	2.8%	
9	CFP, Total	1.0	2.1%	BP	1.9	2.6%	
10	Sonatrach, Algeria	0.9	2.0%	KPC, Kuwait	1.9	2.5%	
11	Amoco	0.8	1.8%	ADNOC, Abu Dhabi	1.8	2.4%	
12	Arco	0.7	1.4%	Lukoil	1.5	2.1%	
13	Du Pont	0.6	1.3%	NOC, Libya	1.5	2.0%	
14	USX, Marathon	0.5	1.0%	Total	1.4	1.9%	
15	PEMEX, Mexico	0.4	1.0%	Petrobras	1.3	1.8%	
16	Occidental	0.4	1.0%	Pertamina, Indonesia	1.2	1.6%	
17	Gerry	0.4	1.0%	NNPC, Nigeria	1.2	1.6%	
18	Sun	0.4	0.8%	Chevron	1.2	1.5%	
19	Unocal	0.4	0.8%	Sonatrach, Algeria	1.0	1.3%	
20	Phillips	0.3	0.7%	Yukos	1.0	1.3%	

Source: Company reports, EIA Petroleum 1996, Issues and Trends, IEA analysis