

## UPSTREAM OPERATING STATISTICS

PROVED OIL AND GAS RESERVES REPLACEMENT <sup>(1)(2)</sup>	2011	2010	2009	2008	2007	Average 2007-2011
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(million barrels of oil or billion cubic feet of gas unless specified otherwise)

### Liquids (millions of barrels)

Revisions	270	358	361	583	666	447
Improved recovery	—	5	15	6	35	12
Extensions/discoveries	1,166	185	142	1,308	194	599
Purchases	16	378	—	—	—	79
Sales	(54)	(21)	(3)	(86)	(436)	(120)
Total additions	1,398	905	515	1,811	459	1,017
Production	843	883	870	879	953	886
Reserves replacement ratio, excluding sales (percent)	172	105	60	216	94	128
Reserves replacement ratio, including sales (percent)	166	102	59	206	48	115

### Natural Gas (billions of cubic feet)

Revisions	64	879	135	643	4,435	1,231
Improved recovery	—	—	—	1	4	1
Extensions/discoveries	2,682	1,988	5,694	692	324	2,276
Purchases	303	12,789	8	—	9	2,622
Sales	(523)	(106)	(13)	(82)	(320)	(209)
Total additions	2,526	15,550	5,824	1,254	4,452	5,921
Production	5,119	4,742	3,696	3,637	3,750	4,189
Reserves replacement ratio, excluding sales (percent)	60	330	158	37	127	146
Reserves replacement ratio, including sales (percent)	49	328	158	34	119	141

### Oil-Equivalent (millions of barrels)

Revisions	281	505	383	690	1,405	653
Improved recovery	—	5	15	7	36	13
Extensions/discoveries	1,613	516	1,091	1,423	248	978
Purchases	67	2,510	1	—	2	516
Sales	(141)	(38)	(5)	(100)	(490)	(155)
Total additions	1,820	3,498	1,485	2,020	1,201	2,005
Production	1,697	1,674	1,486	1,485	1,578	1,584
Reserves replacement ratio, excluding sales (percent)	116	211	100	143	107	136

Reserves replacement ratio, including sales ( <i>percent</i> )	<b>107</b>	209	100	136	76	127
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(1) ExxonMobil reserves using SEC historical price bases. Proved reserves as defined by the SEC are based on historical market prices: prior to 2009, the SEC defined price as the market price on December 31; beginning in 2009, the SEC changed the definition to the average of the market prices on the first day of each calendar month during the year. Mining and equity company reserves are included for all periods. See Frequently Used Terms on pages 93 through 95 of ExxonMobil's 2011 Financial and Operating Review.

(2) The term "sales" includes the impact of expropriation of proved reserves in Venezuela (462 million oil-equivalent barrels) in 2007.