

## UPSTREAM OPERATING STATISTICS

### 2011 RESERVES CHANGES BY REGION<sup>(1)</sup>

	Crude Oil and Natural Gas Liquids							Bitumen	Synthetic Oil	
<i>(million barrels of oil or billion cubic feet of gas unless noted)</i>	United States	Canada / South America	Europe	Africa	Asia	Australia / Oceania	Total	Canada / South America	Canada / South America	Liquids Total
<b>Liquids</b> <i>(millions of barrels)</i>										
Revisions	139	13	78	60	(75)	6	221	53	(4)	270
Improved recovery	—	—	—	—	—	—	—	—	—	—
Extensions/discoveries	73	—	3	1	94	—	171	995	—	1,166
Purchases	16	—	—	—	—	—	16	—	—	16
Sales	(5)	(18)	(31)	—	—	—	(54)	—	—	(54)
Total additions	223	(5)	50	61	19	6	354	1,048	(4)	1,398
Production	154	23	99	185	295	19	775	44	24	843
Net change	69	(28)	(49)	(124)	(276)	(13)	(421)	1,004	(28)	555
Reserves replacement ratio, excluding sales <i>(percent)</i>	148	57	82	33	6	32	53	2,382	—	172
Reserves replacement ratio, including sales <i>(percent)</i>	145	—	51	33	6	32	46	2,382	—	166
<b>Natural Gas</b> <i>(billions of cubic feet)</i>										
Revisions	(235)	55	363	113	(260)	28	64			
Improved recovery	—	—	—	—	—	—	—			
Extensions/discoveries	1,779	42	42	—	819	—	2,682			
Purchases	303	—	—	—	—	—	303			
Sales	(33)	(347)	(143)	—	—	—	(523)			
Total additions	1,814	(250)	262	113	559	28	2,526			
Production	1,559	173	1,295	39	1,921	132	5,119			
Net change	255	(423)	(1,033)	74	(1,362)	(104)	(2,593)			
Reserves replacement ratio, excluding sales <i>(percent)</i>	118	56	31	290	29	21	60			
Reserves replacement ratio, including sales <i>(percent)</i>	116	—	20	290	29	21	49			

(1) See Frequently Used Terms on pages 93 through 95 of ExxonMobil's 2011 Financial and Operating Review.