PROVED OIL AND GAS RESERVES REPLACEMENT 100 2009 2008 2007 2	UPSTREAM OPERATING STATISTICS						
PROVED OIL AND GAS RESERVES REPLACEMENT 2011 2010 2009 2008 2007 2007-2011	OFSTREAM OPERATING STATISTICS						
Carellion barrels of all arbillion cubic feet of gas unless specified otherwise) Carellion barrels of all arbillions of barrels	PROVED OIL AND GAS RESERVES REPLACEMENT ⁽¹⁾⁽²⁾	2011	2010	2009	2008	2007	
Part							2007-2011
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 - - - - 7 7 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) 16 102 59 206 48 112 Reserves replacement ratio, including sales (percent) 64 879 135 643 4,435 1231 Improved recovery - - - - 1 4 1 Extensions/discoveries 2,526 15,550 5,824 1,254 4,452 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
Improved recovery -	• • •						
Extensions/discoveries 1,166 1.85 142 1,308 194 599 Purchases 16 378 - - - - 79 79 Sales (54) (15) (3) (86) (436) (170 Total additions 1,398 905 515 1,811 459 1,017 Production 843 883 870 879 953 886 Reserves replacement ratio, including sales (percent) 172 105 60 216 94 128 Reserves replacement ratio, including sales (percent) 166 102 59 206 48 128 Reserves replacement ratio, including sales (percent) 64 879 135 643 4,435 1,231 Improved recovery - - - 1 4 1 Extensions/discoveries 2682 1,588 5,694 692 324 2,252 Sales 1,52 1,52 1,52 1,5		270			583		
Purchases 16 378 - - - - 7 79 Sales (54) (21) (3) (86) (436) (120) Total additions 1,398 905 515 1,511 459 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) 843 879 135 643 4,435 1,231 Improved recovery - - - - 1 4 1 1 Extensions/discoveries 2,682 1,988 5,694 692 324 2,276 Purchases 303 12,789 8 - 9 2,622 Sales (523) (106) 135 <t< td=""><td>•</td><td>_</td><td>5</td><td>15</td><td>6</td><td>35</td><td></td></t<>	•	_	5	15	6	35	
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, including sales (percent) 166 102 59 206 48 112 Reserves replacement ratio, including sales (percent) 166 102 59 206 48 112 Natural Gas (billions of cubic feet) 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 333 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<	Extensions/discoveries	1,166	185	142	1,308	194	599
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) 166 102 59 206 48 115 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	Purchases	16	378	-	_	_	79
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 3,75 1,418 Reserves replacement ratio, excluding sales (percent)	Sales	(54)	(21)	(3)	(86)	(436)	(120)
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 Revisions 64 879 135 643 4,435 1,231 Improved recovery - - - 1 4 1 2 2 1,282 1,231 4 1 2 1 4 1 1 4 1 2 1 4 1 1 4 1 2 2 1 8 - - 9 2,622 2	Total additions	1,398	905	515	1,811	459	1,017
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) (290) 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 Resisions 281 505 383 690 1,405 653 Improved recovery - 5 15	Production	843	883	870	879	953	886
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 Revisions 281 505 383 690 1,405 653 Improved recovery - 5 15 7	Reserves replacement ratio, excluding sales (percent)	172	105	60	216	94	128
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 Revisions 281 505 383 690 1,405 653 Improved recovery - 5 15 7 36 13	Reserves replacement ratio, including sales (percent)	166	102	59	206	48	115
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, including sales (percent) 60 330 158 37 127 146 Reserves replacement ratio, including sales (percent) 49 328 158 34 119 141 Dil-Equivalent (millions of barrels) 281 505 383 690 1,405 653 Revisions 281 505 383 690 1,405 13 Extensions/discoveries 1,613 516 1,091 1,423 248 </td <td>Natural Gas (billions of cubic feet)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Natural Gas (billions of cubic feet)						
Extensions/discoveries 2,682 1,988 5,694 692 324 2,726 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 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 5 <td>Revisions</td> <td>64</td> <td>879</td> <td>135</td> <td>643</td> <td>4,435</td> <td>1,231</td>	Revisions	64	879	135	643	4,435	1,231
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 Cil-Equivalent (millions of barrels) 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)	Improved recovery	_	_	_	1	4	1
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) 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 <td>Extensions/discoveries</td> <td>2,682</td> <td>1,988</td> <td>5,694</td> <td>692</td> <td>324</td> <td>2,276</td>	Extensions/discoveries	2,682	1,988	5,694	692	324	2,276
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) 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,	Purchases	303	12,789	8	_	9	2,622
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) Sales 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	Sales	(523)	(106)	(13)	(82)	(320)	(209)
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	Total additions	2,526	15,550	5,824	1,254	4,452	5,921
Reserves replacement ratio, including sales (percent) 49 328 158 34 119 141 Oil-Equivalent (millions of barrels) 888 505 383 690 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	Production	5,119	4,742	3,696	3,637	3,750	4,189
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)	60	330	158	37	127	146
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, including sales (percent)	49	328	158	34	119	141
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	Oil-Equivalent (millions of barrels)						
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	Revisions	281	505	383	690	1,405	653
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	Improved recovery	_	5	15	7	36	13
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	Extensions/discoveries	1,613	516	1,091	1,423	248	978
Sales(141)(38)(5)(100)(490)(155)Total additions1,8203,4981,4852,0201,2012,005Production1,6971,6741,4861,4851,5781,584		67	2,510	1	_	2	516
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	Sales	(141)		(5)	(100)	(490)	(155)
Production 1,697 1,674 1,486 1,485 1,578 1,584	Total additions		•				
	Production		-	-	-	-	
	Reserves replacement ratio, excluding sales (percent)						

- (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.