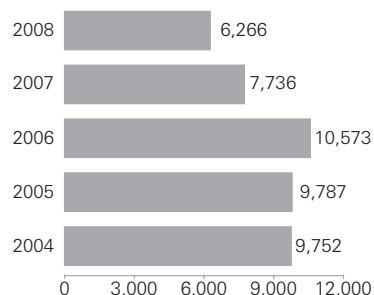
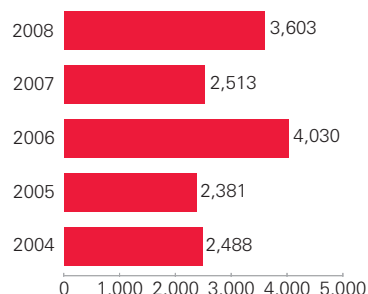
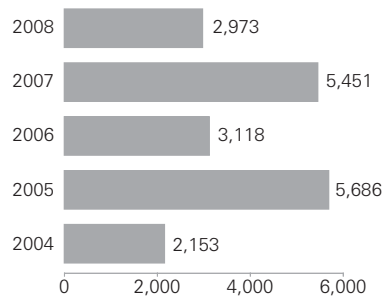


## GEOLOGICAL EXPLORATION

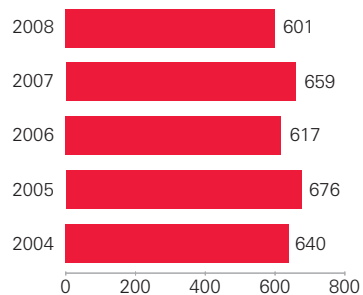
2D seismic prospecting, km



Geo-electrics, km


 3D seismic prospecting, km<sup>2</sup>


Proved hydrocarbon reserve extensions and discoveries, mln boe



### Geological exploration

	2004	2005	2006	2007	2008
2D seismic prospecting, km	9,752	9,787	10,573	7,736	6,266
3D seismic prospecting, km <sup>2</sup>	2,153	5,686	3,118	5,451	2,973
VSP*, wells	45	40	33	30	15
Geo-electrics, km	2,488	2,381	4,030	2,513	3,603

\*Vertical seismic profiling.

### Exploration drilling by regions, th. meters

	2004	2005	2006	2007	2008
<b>Total</b>	<b>118</b>	<b>131</b>	<b>162</b>	<b>143</b>	<b>150</b>
<i>Russia</i>	111	119	139	130	123
Western Siberia	44	44	60	54	63
Urals	11	11	9	9	9
Volga	17	23	29	31	17
including Caspian	0	2	2	4	0
Timan-Pechora	24	26	27	18	18
Bolshekhetskaya Depression	4	6	4	6	4
Other	11	9	10	12	12
<i>International</i>	7	12	23	13	27

### Number and average depth of exploration wells drilled in Russia

	2004	2005	2006	2007	2008
Number of wells	47	28	40	49	41
Average depth, meters	2,541	2,548	2,417	2,797	2,553

### Number of newly discovered fields and strata at existing fields

	2004	2005	2006	2007	2008
<b>Fields</b>	<b>13</b>	<b>5</b>	<b>10</b>	<b>7</b>	<b>8</b>
Oil (including oil, gas and condensate)	12	5	9	7	8
Gas	0	0	1	0	0
Gas condensate	1	0	0	0	0
<b>Strata</b>	<b>10</b>	<b>11</b>	<b>15</b>	<b>17</b>	<b>18</b>
Oil	10	11	15	13	18
Gas	0	0	0	0	0
Gas condensate	0	0	0	4	0

### Proved reserve extensions and discoveries, mln boe

	2004	2005	2006	2007	2008
Oil	624	506	551	518	529
Gas	16	170	66	141	72
<b>Hydrocarbons</b>	<b>640</b>	<b>676</b>	<b>617</b>	<b>659</b>	<b>601</b>

**Proved reserve replacement by extensions and discoveries, %**

	2004	2005	2006*	2007	2008
Oil	98	76	78	73	75
Gas	55	510	71	146	63
<b>Hydrocarbons</b>	<b>96</b>	<b>97</b>	<b>77</b>	<b>81</b>	<b>74</b>

\* Starting from 2006 reserves are calculated on the basis of total gas production including losses, own use and reinjection.

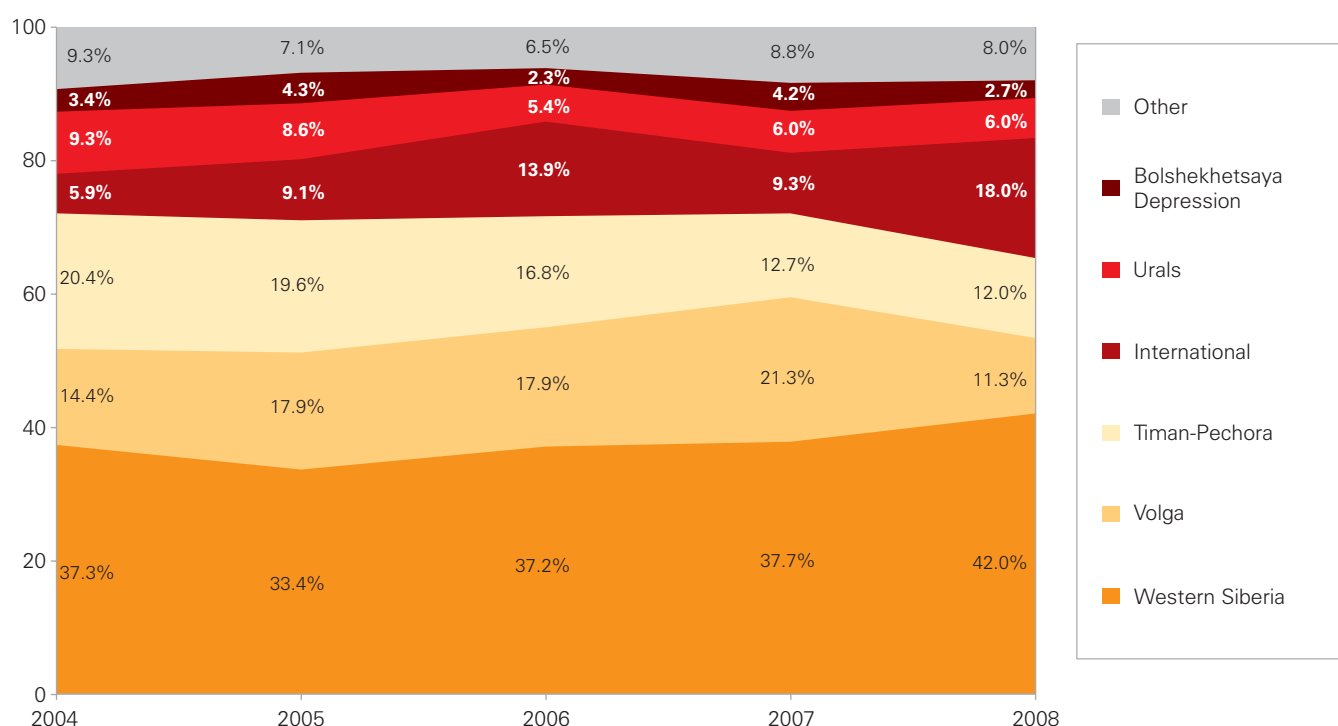
**Exploration expenses, mln USD**

	2004	2005	2006	2007	2008
<b>Total expenses</b>	<b>309</b>	<b>426</b>	<b>479</b>	<b>558</b>	<b>679</b>
<i>Subsidiaries</i>	306	423	468	546	670
Russia	225	252	276	366	313
International	81	171	192	180	357
<i>Affiliates</i>	3	3	11	12	9
Russia	3	3	10	12	9
International	0	0	1	0	0

**Finding & development costs of LUKOIL Group subsidiaries**

$$\text{Finding and development costs} = \frac{\text{Exploration expenses} + \text{Development expenses} + \text{Acquisition of unproved reserves}}{\text{Proved reserve extensions and discoveries}}$$

	2002–2004	2003–2005	2004–2006	2005–2007	2006–2008
Reserve extensions and discoveries, mln barrels	2,258	1,720	1,898	1,899	1,824
Exploration expenses, mln USD	651	985	1,197	1,437	1,684
Acquisition of unproved reserves, mln USD	395	1,444	1,905	2,347	1,341
Development expenses, mln USD	4,833	6,006	8,973	13,547	18,201
<b>F&amp;D costs, USD per barrel</b>	<b>2.60</b>	<b>4.90</b>	<b>6.36</b>	<b>9.13</b>	<b>11.64</b>

**Exploration drilling by regions, %**

## OIL RESERVES

### Oil reserves of LUKOIL Group (end of year), mln barrels

	2003	2004	2005	2006	2007	2008
Proved	15,977	15,972	16,114	15,927	15,715	14,458
Developed	10,207	10,651	10,583	10,176	10,059	9,170
Undeveloped	5,770	5,321	5,531	5,751	5,656	5,288
Probable	7,238	7,424	8,869	8,767	8,679	8,083
Possible	3,326	3,269	4,336	4,275	4,446	3,333
<b>Total</b>	<b>26,541</b>	<b>26,665</b>	<b>29,319</b>	<b>28,969</b>	<b>28,840</b>	<b>25,874</b>

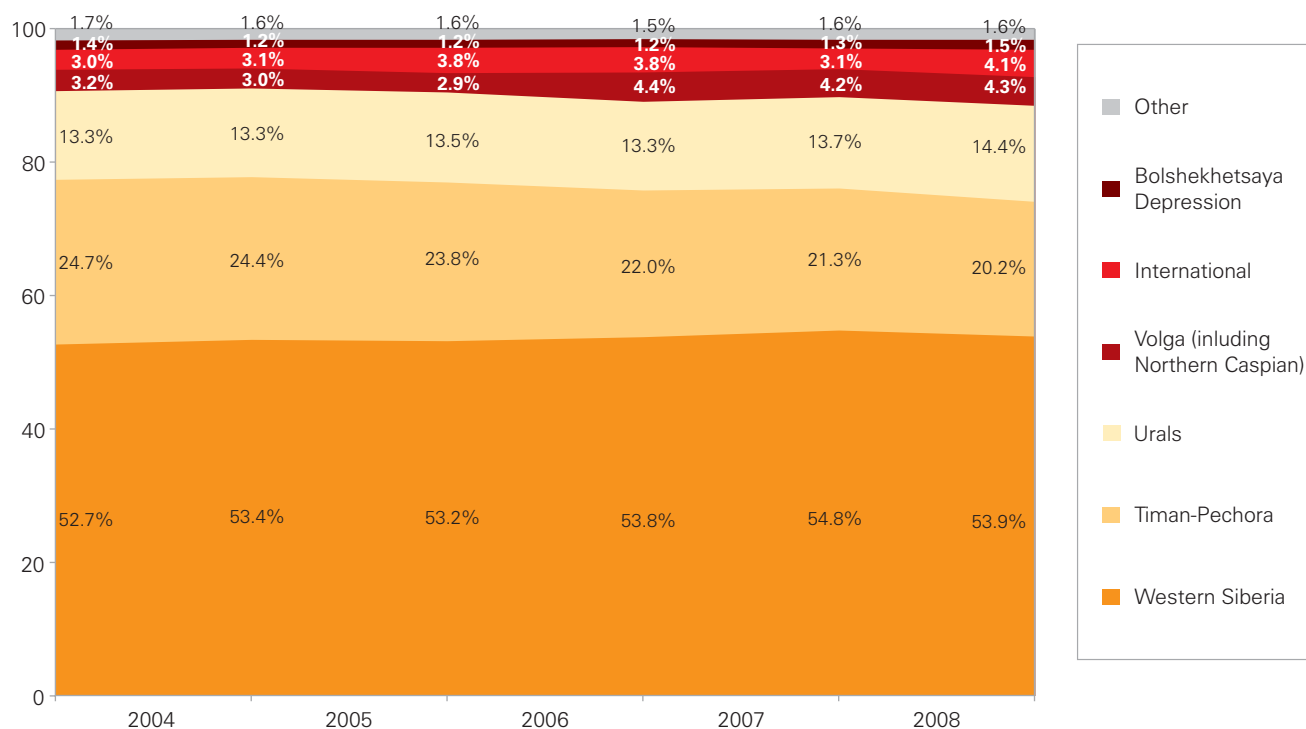
### Proved oil reserves of LUKOIL Group (end of year), mln barrels

	2003	2004	2005	2006	2007	2008
<b>Total</b>	<b>15,977</b>	<b>15,972</b>	<b>16,114</b>	<b>15,927</b>	<b>15,715</b>	<b>14,458</b>
<i>Russia</i>	15,506	15,485	15,500	15,319	15,220	13,866
Western Siberia	8,421	8,536	8,572	8,574	8,616	7,798
Urals	2,124	2,130	2,170	2,112	2,151	2,082
Volga	516	478	468	697	657	623
including Caspian	185	184	183	448	407	376
Timan-Pechora	3,953	3,892	3,833	3,496	3,346	2,912
Bolshekhetskaya Depression	216	195	203	197	203	219
Other	276	254	254	243	247	232
<i>International</i>	471	487	614	608	495	592

Oil reserves replacement ratio, %	221	99	121	73	70	(79)
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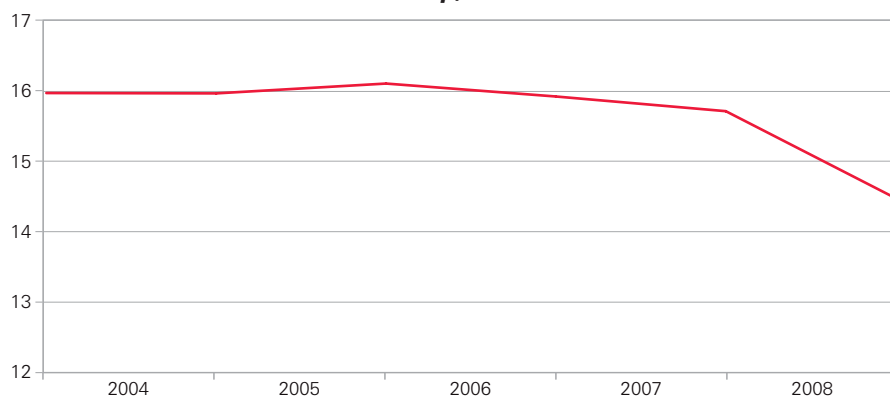
Oil reserves to production ratio, years	27.0	25.2	24.3	22.7	22.0	20.6
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### Proved oil reserves of LUKOIL Group by regions, %

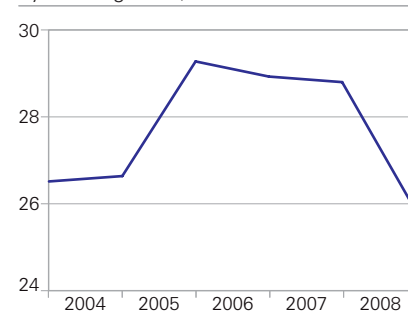


**Factors of change in proved oil reserves, mln barrels**

	2004	2005	2006	2007	2008
Reserves at start of year	15,977	15,972	16,114	15,927	15,715
Extensions and discoveries	624	506	551	518	529
Production	(635)	(664)	(703)	(713)	(703)
Acquisition and sale of reserves	(4)	320	216	(31)	41
Revision of previous estimates	10	(20)	(251)	14	(1,124)
Reserves at end of year	15,972	16,114	15,927	15,715	14,458

**Proved oil reserves of LUKOIL Group, bln barrels**

Total oil reserves of LUKOIL Group by all categories\*, bln barrels



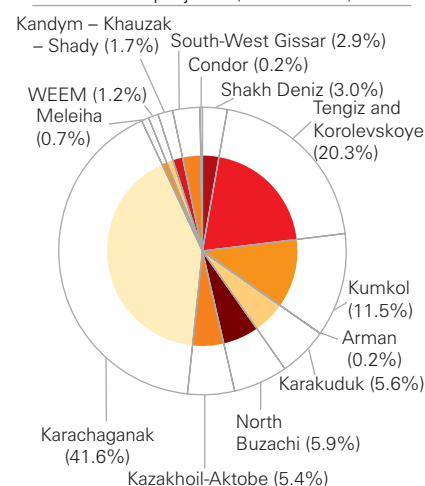
\* Proved, probable and possible.

**Proved oil reserves in international projects (end of year), mln barrels**

	2003	2004	2005	2006	2007	2008
<b>Azerbaijan</b>						
Shakh Deniz	7	15	11	10	11	18
<b>Kazakhstan</b>						
Tengiz and Korolevskoye	106	112	118	120	117	120
Kumkol	107	111	89	79	78	68
Karachaganak	232	231	208	173	157	246
Arman	-	-	3	4	2	1
Karakuduk	-	-	38	50	34	33
North Buzachi	-	-	42	80	41	35
Kazakhoil-Aktobe	-	-	89	76	35	32
<b>Egypt</b>						
Meleiha	4	1	3	2	3	4
WEEM	15	13	7	6	5	7
<b>Uzbekistan</b>						
Kandym – Khauzak – Shady	-	4	6	8	6	10
South-West Gissar	-	-	-	-	-	17
<b>Colombia</b>						
Condor	-	-	-	-	6	1
<b>Total</b>	<b>471</b>	<b>487</b>	<b>614</b>	<b>608</b>	<b>495</b>	<b>592</b>

**Proved oil reserves in international projects, mln barrels**

Proved oil reserves in international projects (31.12.2008)



## GAS RESERVES

### Gas reserves of LUKOIL Group (end of year), bcf

	2003	2004	2005	2006	2007	2008
Proved	24,473	24,598	25,298	26,597	27,921	29,253
Developed	2,914	4,958	6,089	7,480	8,055	7,919
Undeveloped	21,559	19,640	19,209	19,117	19,866	21,334
Probable	14,616	15,537	20,587	21,436	21,048	22,103
Possible	3,548	5,103	10,240	10,479	11,134	11,694
<b>Total</b>	<b>42,637</b>	<b>45,238</b>	<b>56,125</b>	<b>58,512</b>	<b>60,103</b>	<b>63,050</b>

### Proved gas reserves of LUKOIL Group (end of year), bcf

	2003	2004	2005	2006	2007	2008
<b>Total</b>	<b>24,473</b>	<b>24,598</b>	<b>25,298</b>	<b>26,597</b>	<b>27,921</b>	<b>29,253</b>
<i>Russia</i>	22,167	21,382	21,453	22,155	22,853	22,281
Western Siberia	1,284	1,414	1,698	1,999	2,163	1,726
Urals	568	667	607	619	471	496
Volga	5,926	5,913	5,783	6,031	6,255	6,278
including Caspian	5,763	5,736	5,603	5,786	6,057	6,060
Timan-Pechora	577	463	176	708	709	631
Bolshekhetskaya Depression	13,806	12,919	13,185	12,788	13,243	13,138
Other	6	6	4	10	12	12
<i>International</i>	2,306	3,216	3,845	4,442	5,068	6,972

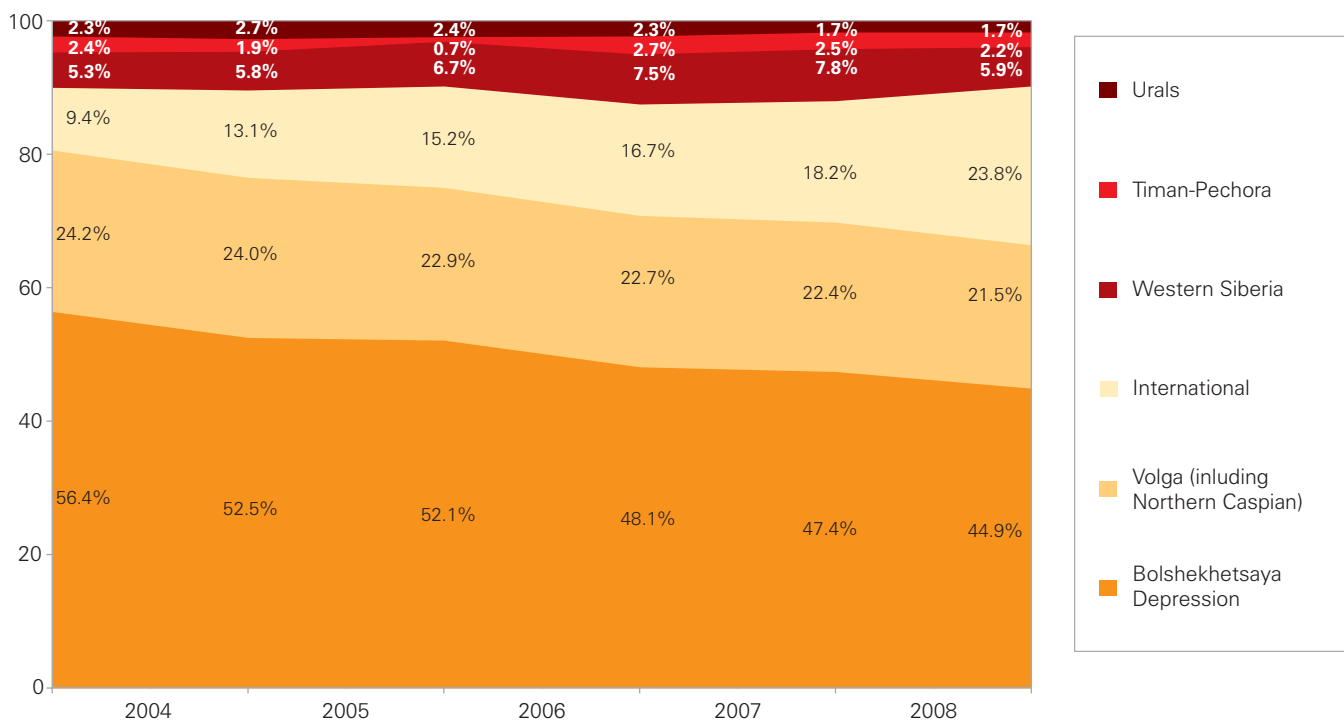
Gas reserves replacement ratio, %

332	172	450	330	329	294
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Gas reserves to production ratio, years

184.0	141.4	126.5	47.1	48.2	42.6
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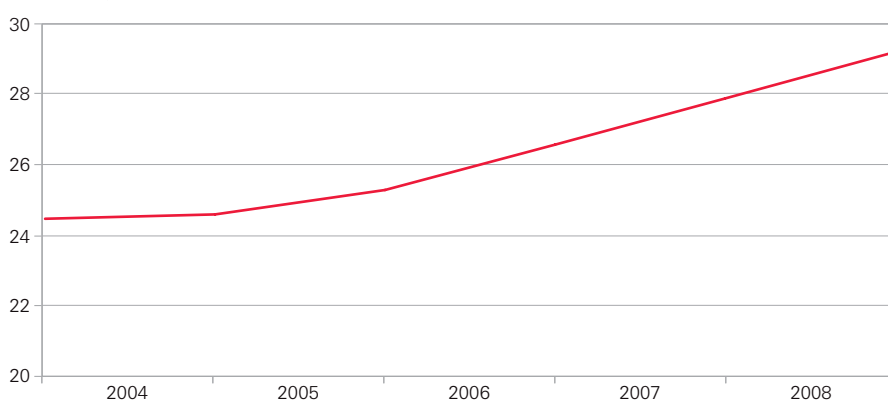
### Proved gas reserves of LUKOIL Group by regions, %



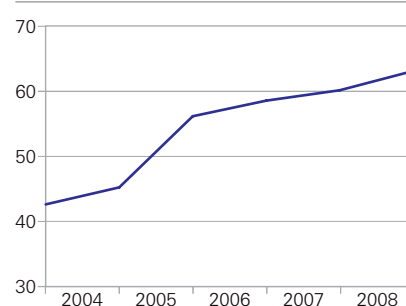
**Factors of change in proved gas reserves, bcf**

	2004	2005	2006*	2007	2008
Reserves at start of year	24,473	24,598	25,298	26,597	27,921
Extensions and discoveries	95	1,020	399	844	435
Production	(174)	(200)	(565)	(579)	(686)
Acquisition and sale of reserves	1,171	2	(2)	5	1,399
Revision of previous estimates	(967)	(122)	1,467	1,054	184
Reserves at end of year	24,598	25,298	26,597	27,921	29,253

\* Starting from 2006 reserves are calculated on the basis of total gas production including losses, own use and reinjection.

**Proved gas reserves of LUKOIL Group, tcf**

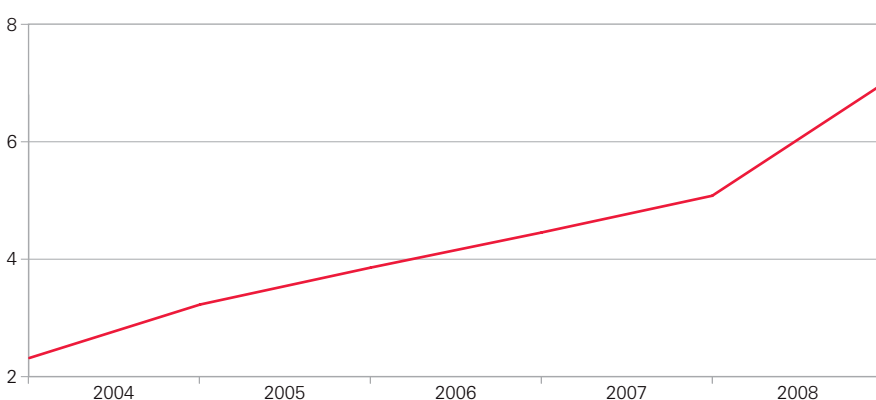
Total gas reserves of LUKOIL Group by all categories\*\*, tcf



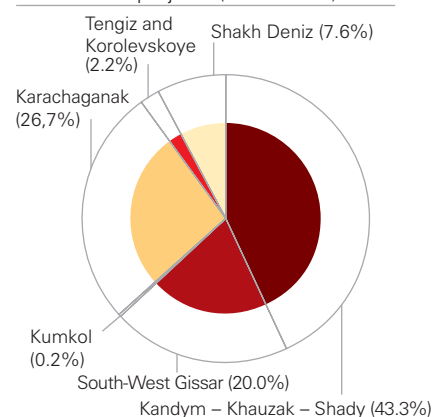
\*\* Proved, probable and possible.

**Proved gas reserves in international projects (end of year), bcf**

	2003	2004	2005	2006	2007	2008
<b>Azerbaijan</b>						
Shakh Deniz	125	338	249	314	476	532
<b>Kazakhstan</b>						
Tengiz and Korolevskoye	151	188	177	154	151	152
Karachaganak	2,030	1,624	1,441	1,203	1,137	1,861
Kumkol	0	0	0	13	14	13
<b>Uzbekistan</b>						
Kandym – Khauzak – Shady	–	1,066	1,978	2,758	3,290	3,019
South-West Gissar	–	–	–	–	–	1,395
<b>Total</b>	<b>2,306</b>	<b>3,216</b>	<b>3,845</b>	<b>4,442</b>	<b>5,068</b>	<b>6,972</b>

**Proved gas reserves in international projects, tcf**

Proved gas reserves in international projects (31.12.2008)



## HYDROCARBON RESERVES

### Hydrocarbon reserves of LUKOIL Group (end of year), mln boe

	2003	2004	2005	2006	2007	2008
Proved	20,056	20,072	20,330	20,360	20,369	19,334
Developed	10,693	11,477	11,598	11,423	11,402	10,490
Undeveloped	9,363	8,595	8,732	8,937	8,967	8,844
Probable	9,674	10,014	12,300	12,340	12,187	11,767
Possible	3,917	4,119	6,043	6,022	6,301	5,282
<b>Total</b>	<b>33,647</b>	<b>34,205</b>	<b>38,673</b>	<b>38,722</b>	<b>38,857</b>	<b>36,383</b>

### Proved hydrocarbon reserves of LUKOIL Group (end of year), mln boe

	2003	2004	2005	2006	2007	2008
<b>Total</b>	<b>20,056</b>	<b>20,072</b>	<b>20,330</b>	<b>20,360</b>	<b>20,369</b>	<b>19,334</b>
<i>Russia</i>	19,201	19,049	19,075	19,010	19,030	17,580
Western Siberia	8,635	8,772	8,855	8,907	8,977	8,085
Urals	2,219	2,241	2,271	2,215	2,230	2,165
Volga	1,504	1,464	1,432	1,702	1,699	1,670
including Caspian	1,146	1,140	1,117	1,412	1,417	1,386
Timan-Pechora	4,049	3,969	3,862	3,614	3,465	3,017
Bolshekhetskaya Depression	2,517	2,348	2,400	2,327	2,410	2,409
Other	277	255	255	245	249	234
<i>International</i>	855	1,023	1,255	1,350	1,339	1,754

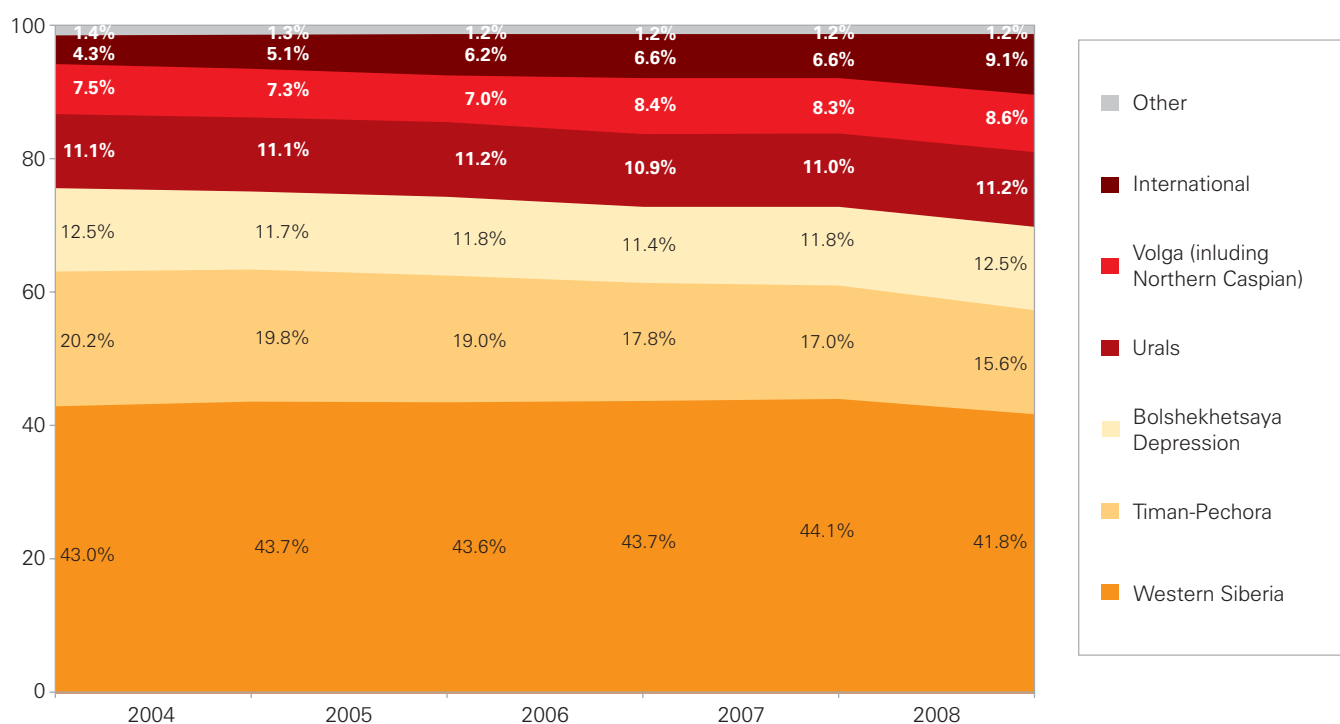
### Hydrocarbon reserves replacement

ratio, %	226	102	137	104	101	(27)
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### Hydrocarbon reserves to production

ratio, years	32.7	30.2	29.2	25.5	25.2	23.7
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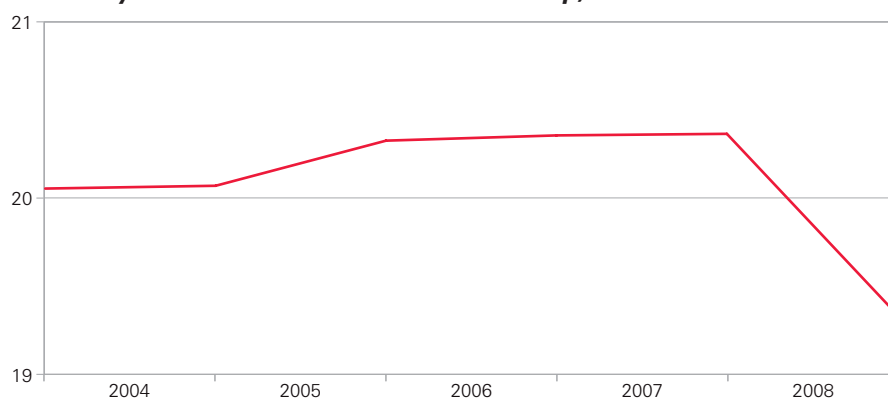
### Proved hydrocarbon reserves of LUKOIL Group by regions, %



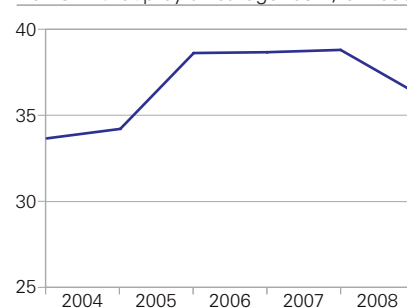
**Factors of change in proved hydrocarbon reserves, mln boe**

	2004	2005	2006*	2007	2008
Reserves at start of year	20,056	20,072	20,330	20,360	20,369
Extensions and discoveries	640	676	617	659	601
Production	(665)	(697)	(797)	(809)	(817)
Acquisition and sale of reserves	192	320	217	(31)	274
Revision of previous estimates	(151)	(41)	(7)	190	(1,093)
Reserves at end of year	20,072	20,330	20,360	20,369	19,334

\* Starting from 2006 reserves are calculated on the basis of total gas production including losses, own use and reinjection.

**Proved hydrocarbon reserves of LUKOIL Group, bln boe**

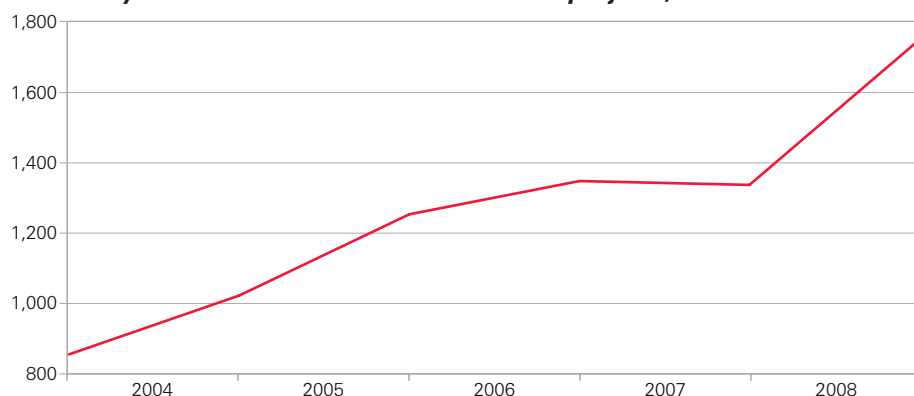
Total hydrocarbon reserves of LUKOIL Group by all categories\*\*, bln boe



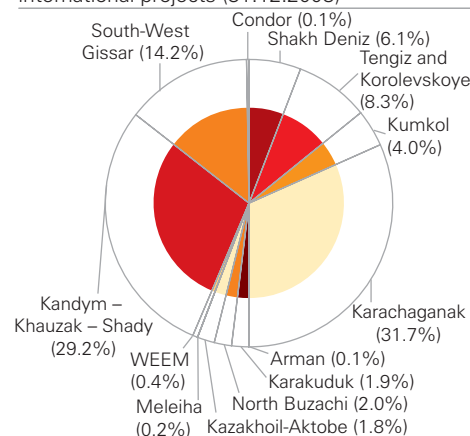
\*\* Proved, probable and possible.

**Proved hydrocarbon reserves in international projects (end of year), mln boe**

	2003	2004	2005	2006	2007	2008
<b>Azerbaijan</b>						
Shakh Deniz	28	71	53	63	90	107
<b>Kazakhstan</b>						
Tengiz and Korolevskoye	131	143	147	146	142	145
Kumkol	107	111	89	81	80	70
Karachaganak	570	502	448	374	347	556
Arman	–	–	3	4	2	1
Karakuduk	–	–	38	50	34	33
North Buzachi	–	–	42	80	41	35
Kazakhoil-Aktobe	–	–	89	76	35	32
<b>Egypt</b>						
Meleiha	4	1	3	2	3	4
WEEM	15	13	7	6	5	7
<b>Uzbekistan</b>						
Kandym – Khauzak – Shady	–	182	336	468	554	513
South-West Gissar	–	–	–	–	–	250
<b>Colombia</b>						
Condor	–	–	–	–	6	1
<b>Total</b>	<b>855</b>	<b>1,023</b>	<b>1,255</b>	<b>1,350</b>	<b>1,339</b>	<b>1,754</b>

**Proved hydrocarbon reserves in international projects, mln boe**

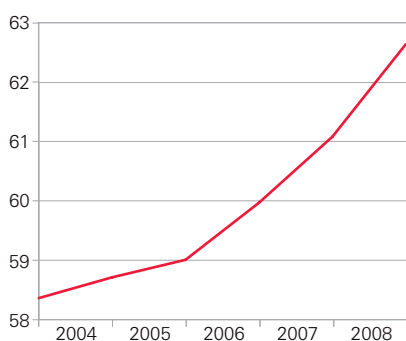
Proved hydrocarbon reserves in international projects (31.12.2008)



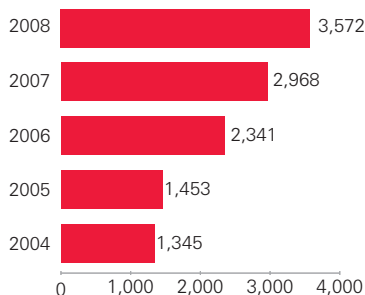


## FIELD DEVELOPMENT

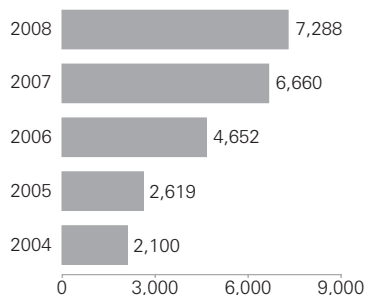
Drilled wells at oil &amp; gas fields of LUKOIL Group, th. wells



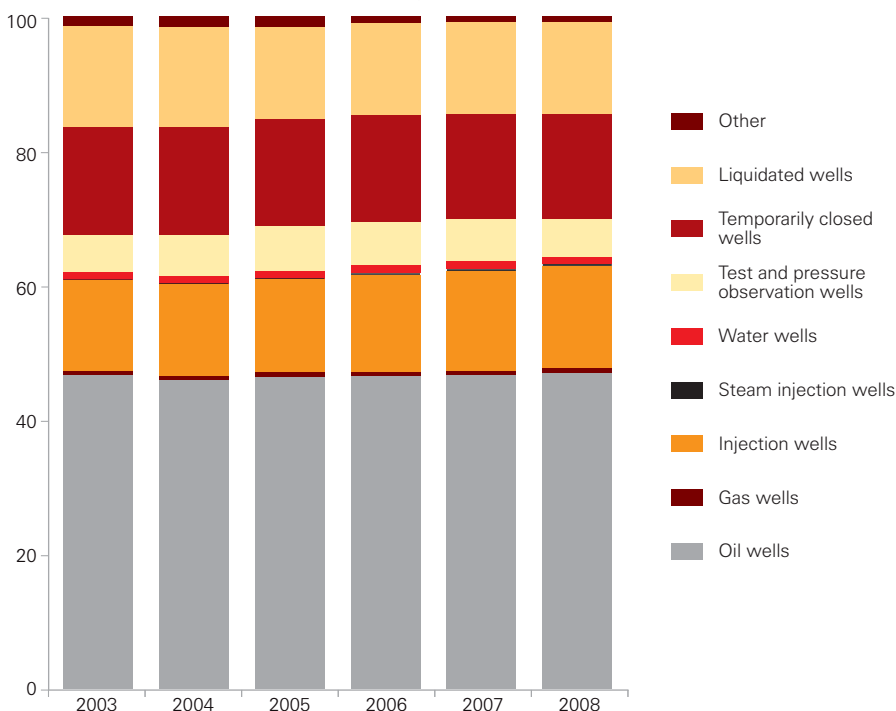
Production drilling, th. meters



Development expenses, mln USD



Structure of drilled wells at oil &amp; gas fields of LUKOIL (end of year), %



Number of fields put into operation and their reserves (at the end of year when they were put into operation)

	2004	2005	2006	2007	2008
Fields	7	9	11	13	11
Reserves (proved, probable and possible), mln boe	1,302	1,618	681	354	1,016

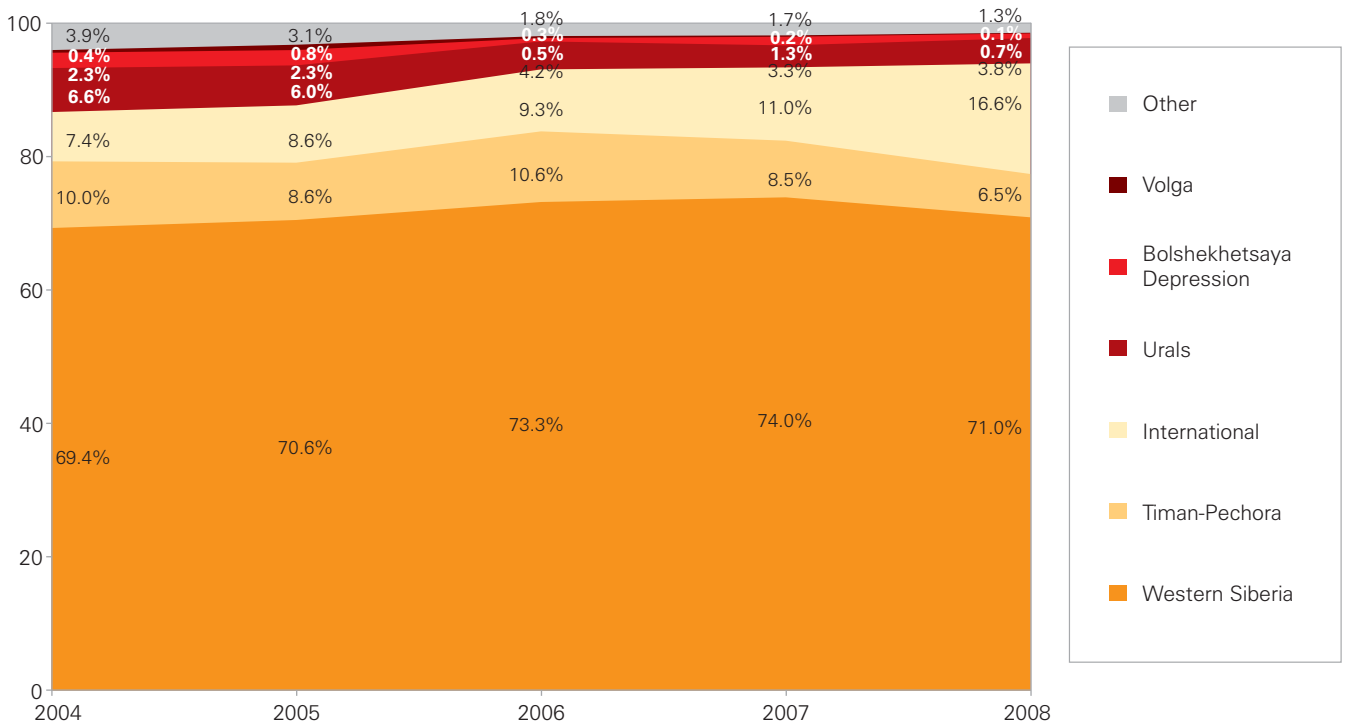
Production drilling by regions, th. meters

	2004	2005	2006	2007	2008
<b>Total</b>	<b>1,345</b>	<b>1,453</b>	<b>2,341</b>	<b>2,968</b>	<b>3,572</b>
<i>Russia</i>	<i>1,245</i>	<i>1,328</i>	<i>2,122</i>	<i>2,641</i>	<i>2,981</i>
Western Siberia	933	1,027	1,716	2,197	2,563
Urals	88	88	98	98	137
Volga	5	11	7	5	3
Timan-Pechora	135	125	248	254	231
Bolshekhetskaya Depression	31	33	11	37	0
Other	53	44	42	50	47
<i>International</i>	<i>100</i>	<i>125</i>	<i>219</i>	<i>327</i>	<i>591</i>

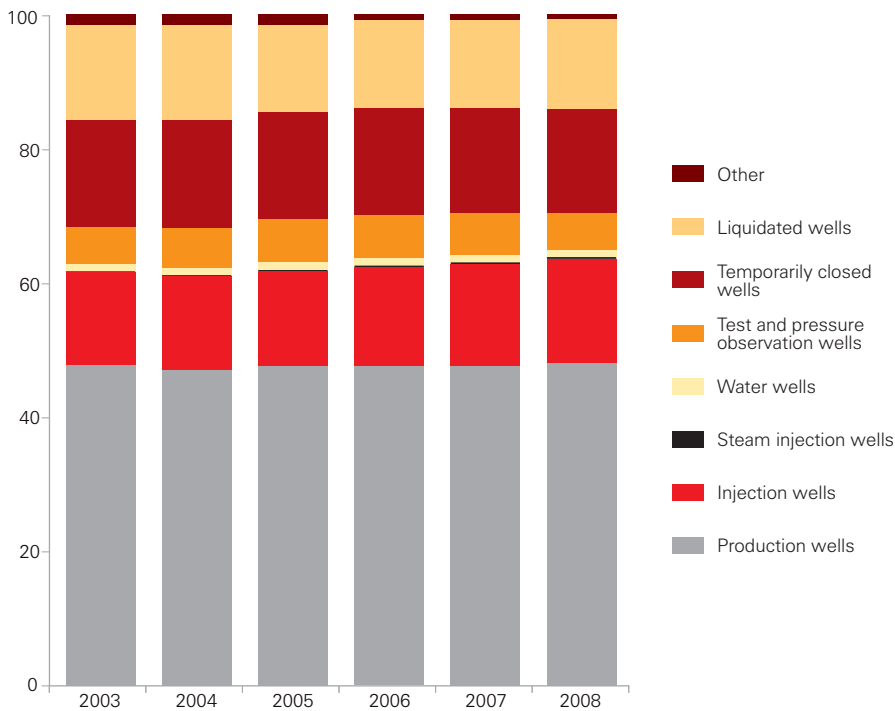
Development expenses, mln USD

	2004	2005	2006	2007	2008
<b>Total</b>	<b>2,100</b>	<b>2,619</b>	<b>4,652</b>	<b>6,660</b>	<b>7,288</b>
<i>Subsidiaries</i>	<i>1,983</i>	<i>2,495</i>	<i>4,495</i>	<i>6,557</i>	<i>7,149</i>
Russia	1,875	2,235	3,901	5,887	6,430
International	108	260	594	670	719
<i>Share in affiliates</i>	<i>117</i>	<i>124</i>	<i>157</i>	<i>103</i>	<i>139</i>

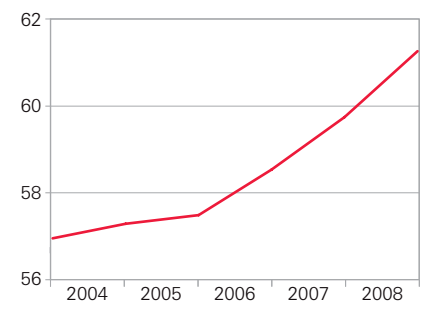
**Production drilling of LUKOIL Group by regions, %**



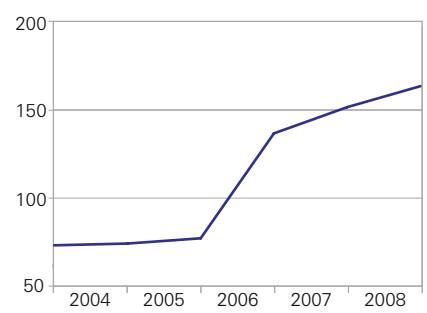
**Drilled wells at oil fields (end of year), %**



Drilled wells at oil fields of LUKOIL Group, th. wells



Steam injection wells



**Number and average depth of production wells drilled in Russia**

	2004	2005	2006	2007	2008
Number of production wells	459	511	707	941	1,151
Average depth, meters	2,350	2,330	2,652	2,722	2,625

**New oil wells put into operation**

	2004	2005	2006	2007	2008
Wells	514	558	945	1,193	1,510

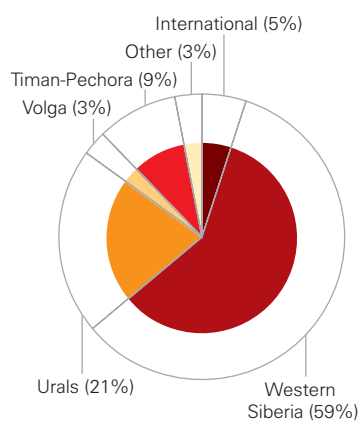
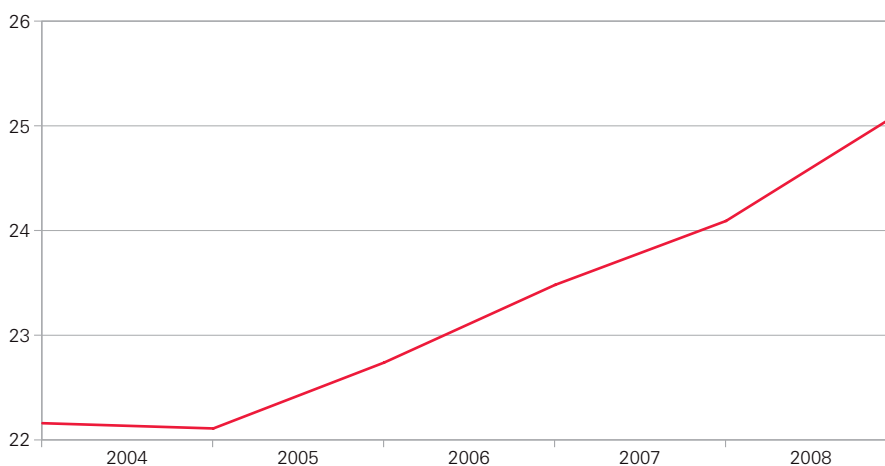
**Oil production wells (end of year), wells**

	2003	2004	2005	2006	2007	2008
<b>Total</b>	<b>27,221</b>	<b>26,936</b>	<b>27,354</b>	<b>27,833</b>	<b>28,468</b>	<b>29,417</b>
<i>Russia</i>	26,812	26,502	26,619	26,965	27,451	28,097
Western Siberia	15,436	15,256	15,417	15,940	16,372	16,797
Urals	6,343	6,142	6,104	6,134	6,255	6,393
Volga	1,114	1,087	1,051	1,001	906	869
Timan-Pechora	3,395	3,447	3,473	3,288	3,286	3,387
Other	524	570	574	602	632	651
<i>International</i>	409	434	735	868	1,017	1,320

**Oil production wells in use (end of year), wells**

	2003	2004	2005	2006	2007	2008
<b>Total</b>	<b>22,172</b>	<b>22,122</b>	<b>22,750</b>	<b>23,490</b>	<b>24,099</b>	<b>25,112</b>
<i>Russia</i>	21,844	21,761	22,150	22,799	23,238	23,964
Western Siberia	12,721	12,802	13,346	13,879	14,337	14,775
Urals	5,582	5,480	5,322	5,298	5,225	5,375
Volga	1,045	982	951	895	790	785
Timan-Pechora	1,990	1,937	1,967	2,133	2,266	2,394
Other	506	560	564	594	620	635
<i>International</i>	328	361	600	691	861	1,148

Oil production wells in use by regions (31.12.2008)


**Oil production wells in use, th. wells**

**Share of idle wells in total oil production wells (end of year), %**

	2003	2004	2005	2006	2007	2008
<b>Total</b>	<b>18.5</b>	<b>17.9</b>	<b>16.8</b>	<b>15.6</b>	<b>15.3</b>	<b>14.6</b>
<i>Russia</i>	18.5	17.9	16.8	15.4	15.3	14.7
Western Siberia	17.6	16.1	13.4	12.9	12.4	12.0
Urals	12.0	10.8	12.8	13.6	16.5	15.9
Volga	6.2	9.7	9.5	10.6	12.8	9.7
Timan-Pechora	41.4	43.8	43.4	35.1	31.0	29.3
Other	3.4	1.8	1.7	1.3	1.9	2.5
<i>International</i>	19.8	16.8	18.4	20.4	15.3	13.0

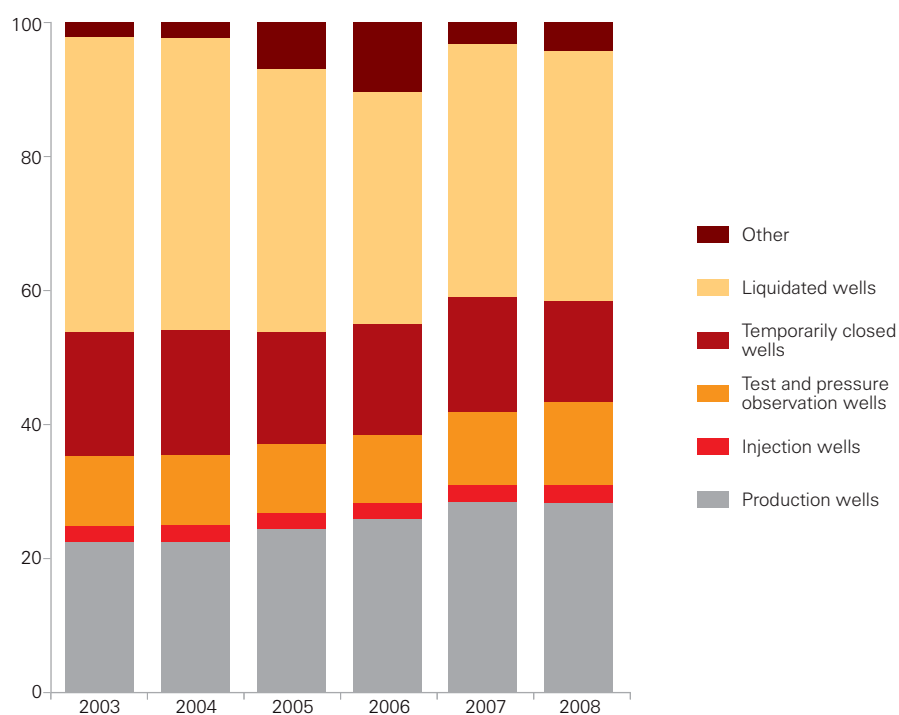
**Injection wells at oil fields (end of year), wells**

	2003	2004	2005	2006	2007	2008
<i>Operating wells</i>	7,848	8,007	8,158	8,663	9,064	9,552
Russia	7,780	7,937	8,048	8,501	8,859	9,303
International	68	70	110	162	205	249
<i>Wells under pressure</i>	5,196	5,434	5,769	6,338	6,656	7,047
Russia	5,133	5,365	5,669	6,193	6,471	6,835
International	63	69	100	145	185	212
<i>Share of idle wells, %</i>	33.8	32.1	29.3	26.8	26.6	26.2
Russia	34.0	32.4	29.6	27.1	27.0	26.5
International	7.4	1.4	9.1	10.5	9.8	14.9

**Number of steam injection wells at oil fields\* (end of year), wells**

	2003	2004	2005	2006	2007	2008
Wells	73	74	77	137	152	164

\* LUKOIL-Komi is the only LUKOIL subsidiary operating steam injection wells.

**Drilled wells at gas fields (end of year), %**

Drilled wells at gas fields of LUKOIL Group, th. wells

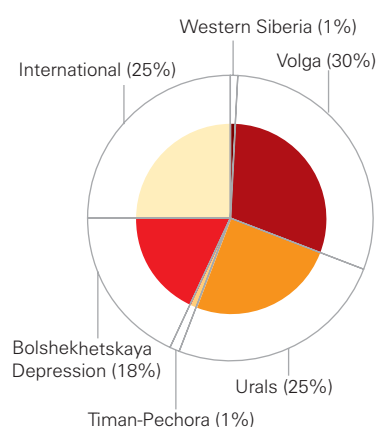
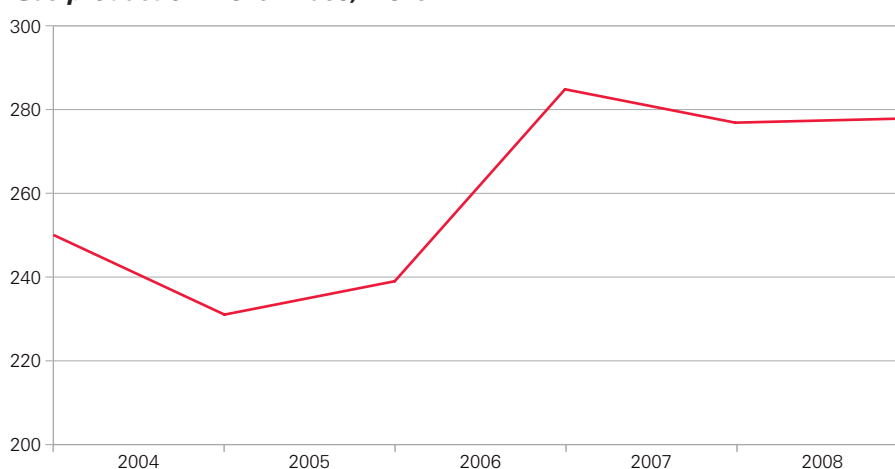
**Gas production wells (end of year), wells**

	2003	2004	2005	2006	2007	2008
<b>Total</b>	<b>313</b>	<b>317</b>	<b>365</b>	<b>367</b>	<b>376</b>	<b>387</b>
<i>Russia</i>	254	258	302	295	297	299
Western Siberia	0	0	4	4	5	6
Urals	85	81	74	72	73	73
Volga	122	118	119	123	123	124
Timan-Pechora	47	56	56	35	35	35
Bolshekhetskaya Depression	0	3	49	61	61	61
<i>International</i>	59	59	63	72	79	88

**Gas production wells in use (end of year), wells**

	2003	2004	2005	2006	2007	2008
<b>Total</b>	<b>250</b>	<b>231</b>	<b>239</b>	<b>285</b>	<b>277</b>	<b>278</b>
<i>Russia</i>	213	190	194	239	221	209
Western Siberia	0	0	2	2	1	2
Urals	75	74	73	71	71	71
Volga	97	101	101	104	87	83
Timan-Pechora	41	14	5	1	1	2
Bolshekhetskaya Depression	0	1	13	61	61	51
<i>International</i>	37	41	45	46	56	69

Gas production wells in use by regions (31.12.2008)


**Gas production wells in use, wells**

**Share of idle wells in gas production wells (end of year), %**

	2003	2004	2005	2006	2007	2008
<b>Total</b>	<b>20.1</b>	<b>27.1</b>	<b>34.5</b>	<b>22.3</b>	<b>26.3</b>	<b>28.2</b>
<i>Russia</i>	16.1	26.4	35.8	19.0	25.6	30.1
Western Siberia	–	–	50.0	50.0	80.0	66.7
Urals	11.8	8.6	1.4	1.4	2.7	2.7
Volga	20.5	14.4	15.1	15.4	29.3	33.1
Timan-Pechora	12.8	75.0	91.1	97.1	97.1	94.3
Bolshekhetskaya Depression	–	66.7	73.5	0.0	0.0	16.4
<i>International</i>	37.3	30.5	28.6	36.1	29.1	21.6

**Injection wells at gas fields (end of year), wells**

	2003	2004	2005	2006	2007	2008
<b>Total</b>	<b>34</b>	<b>34</b>	<b>35</b>	<b>35</b>	<b>35</b>	<b>35</b>
<i>Russia</i>	20	20	20	20	20	20
<i>International</i>	14	14	15	15	15	15

## Oil PRODUCTION

### LUKOIL's main hydrocarbon production regions



### Oil production by LUKOIL Group

	2004	2005	2006	2007	2008
Th. tons	86,200	90,158	95,235	96,645	95,240
Mln barrels	636	664	703	713	703
Th. tons per day	236	247	261	265	260
Th. barrels per day	1,738	1,820	1,926	1,953	1,921

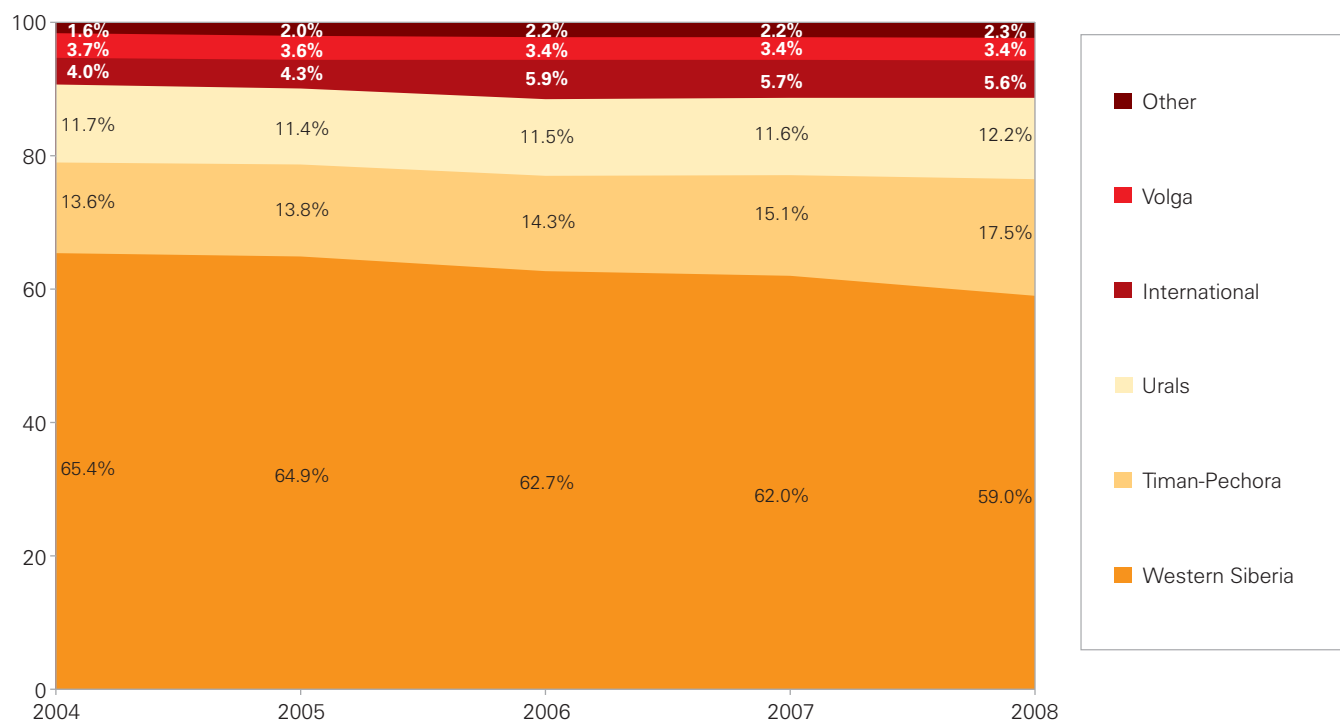
### Oil production by LUKOIL Group, mln barrels

	2004	2005	2006	2007	2008
<b>LUKOIL Group production, total</b>	<b>636</b>	<b>664</b>	<b>703</b>	<b>713</b>	<b>703</b>
<i>Subsidiaries</i>	607	634	675	694	684
Russia	596	619	648	668	660
International	11	15	27	26	24
<i>Share in production by affiliates</i>	29	30	28	19	19

### Oil production by regions, th. tons

	2004	2005	2006	2007	2008
<b>LUKOIL Group production, total</b>	<b>86,200</b>	<b>90,158</b>	<b>95,235</b>	<b>96,645</b>	<b>95,240</b>
<i>Russia</i>	82,720	86,277	89,561	91,100	89,945
Western Siberia	56,351	58,469	59,764	59,917	56,187
Urals	10,082	10,307	10,923	11,257	11,625
Volga	3,175	3,210	3,214	3,240	3,263
Timan-Pechora	11,732	12,476	13,601	14,576	16,685
Other	1,380	1,815	2,059	2,110	2,185
<i>International</i>	3,480	3,881	5,674	5,545	5,295

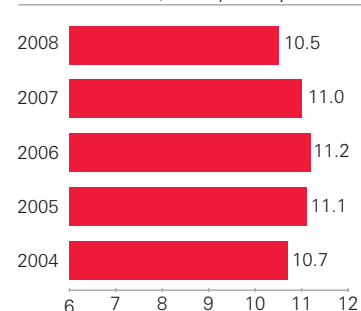
	2004	2005	2006	2007	2008
<b>Subsidiaries</b>	<b>82,408</b>	<b>86,193</b>	<b>91,537</b>	<b>94,147</b>	<b>92,846</b>
<i>Russia</i>	<i>81,039</i>	<i>84,180</i>	<i>87,930</i>	<i>90,735</i>	<i>89,646</i>
Western Siberia	55,630	57,345	58,414	59,849	56,187
Urals	10,010	10,234	10,855	11,183	11,548
Volga	2,969	3,001	3,001	3,017	3,041
Timan-Pechora	11,050	11,785	13,601	14,576	16,685
Other	1,380	1,815	2,059	2,110	2,185
<i>International</i>	<i>1,369</i>	<i>2,013</i>	<i>3,607</i>	<i>3,412</i>	<i>3,200</i>
<b>Share in production by affiliates</b>	<b>3,792</b>	<b>3,965</b>	<b>3,698</b>	<b>2,498</b>	<b>2,394</b>
<i>Russia</i>	<i>1,681</i>	<i>2,097</i>	<i>1,631</i>	<i>365</i>	<i>299</i>
Western Siberia	721	1,124	1,350	68	0
Urals	72	73	68	74	77
Volga	206	209	213	223	222
Timan-Pechora	682	691	0	0	0
Other	0	0	0	0	0
<i>International</i>	<i>2,111</i>	<i>1,868</i>	<i>2,067</i>	<i>2,133</i>	<i>2,095</i>

**Oil production by regions, %**


**Flow rate of Russian oil wells of LUKOIL Group, tons per day**

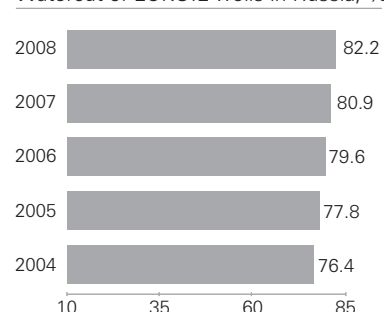
	2004	2005	2006	2007	2008
New wells	44.3	41.9	37.3	33.0	36.1
Old wells	10.4	10.8	10.8	10.6	10.0
<b>Total wells</b>	<b>10.7</b>	<b>11.1</b>	<b>11.2</b>	<b>11.0</b>	<b>10.5</b>
Western Siberia	12.3	12.4	12.3	11.7	10.5
Urals	5.2	5.4	5.8	6.0	6.2
Volga	9.1	9.7	10.3	11.4	10.8
Timan-Pechora	17.5	18.7	18.6	18.4	19.8
Other	7.3	9.2	10.0	10.0	9.7

Average flow rate of LUKOIL oil wells in Russia, tons per day

**Watercut of Russian oil wells of LUKOIL Group, %**

	2004	2005	2006	2007	2008
New wells	21.1	22.0	27.4	35.1	32.1
Old wells	77.1	78.5	80.4	83.0	83.1
<b>Total wells</b>	<b>76.4</b>	<b>77.8</b>	<b>79.6</b>	<b>80.9</b>	<b>82.2</b>
Western Siberia	78.7	80.5	82.5	84.1	85.9
Urals	69.7	69.7	68.5	66.6	65.7
Volga	62.7	63.4	62.2	60.0	64.3
Timan-Pechora	71.3	70.5	71.8	72.3	71.4
Other	66.8	62.2	60.8	62.7	64.8

Watercut of LUKOIL wells in Russia, %

**Application of enhanced oil recovery methods and latest technologies**

	2004	2005	2006	2007	2008
Drilling of horizontal wells	29	41	56	109	112
Average flow rate, tons per day	79.6	125.4	110.4	65.5	58.4
Drilling of sidetracks	63	102	146	188	260
Average increase in flow rate, tons per day	21.9	25.0	25.9	19.2	18.1
Hydrofracturing, wells	583	850	1,002	762	711
Average increase in flow rate, tons per day	15.9	13.7	10.2	8.9	9.4

**Additional oil production from application of enhanced oil recovery methods in Russia, mln tons**

	2004	2005	2006	2007	2008
<b>LUKOIL Group in Russia, total</b>	<b>21.53</b>	<b>22.07</b>	<b>24.19</b>	<b>23.75</b>	<b>22.95</b>
Western Siberia	17.46	17.74	19.16	18.19	16.76
Urals	1.34	1.51	1.84	2.17	2.76
Volga	0.56	0.59	0.57	0.64	0.51
Timan-Pechora	2.00	2.06	2.41	2.69	2.73
Other	0.17	0.17	0.21	0.06	0.19




**GAS PRODUCTION**
**Marketable gas production by LUKOIL Group\***

	2004	2005	2006	2007	2008
Mcm	4,924	5,635	13,612	13,955	17,020
Bcf	174	200	481	493	601
Mln boe	29.0	33.2	80.1	82.1	100.2
Mcm per day	13.5	15.4	37.3	38.1	46.5
Mcf per day	475.1	545.2	1,317.0	1,350.0	1,642.1
Th. boe per day	79	91	219	225	273

**Natural gas production, mcm**

	2004	2005	2006	2007	2008
<b>Total production of natural gas**</b>	<b>1,828</b>	<b>2,628</b>	<b>10,709</b>	<b>10,787</b>	<b>13,888</b>
<b>Production of marketable natural gas*</b>	<b>1,395</b>	<b>1,878</b>	<b>9,821</b>	<b>9,652</b>	<b>12,671</b>
including:					
<b>Subsidiaries</b>	<b>1,395</b>	<b>1,878</b>	<b>9,821</b>	<b>9,652</b>	<b>12,671</b>
<i>Russia</i>	478	899	8,816	8,161	8,711
Western Siberia	0	0	0	0	0
Bolshekhetskaya Depression	3	433	8,348	7,719	8,313
Urals	326	319	326	322	291
Volga	148	146	141	119	106
Timan-Pechora	1	1	1	1	1
Other	0	0	0	0	0
<i>International</i>	917	979	1,005	1,491	3,960
<b>Share in production by affiliates</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>Russia</i>	0	0	0	0	0
<i>International</i>	0	0	0	0	0

**Associated petroleum gas production, mcm**

<b>Total production of associated petroleum gas**</b>	<b>4,645</b>	<b>4,941</b>	<b>5,258</b>	<b>5,610</b>	<b>5,549</b>
<b>Production of marketable associated petroleum gas*</b>	<b>3,529</b>	<b>3,757</b>	<b>3,791</b>	<b>4,303</b>	<b>4,349</b>
including:					
<b>Subsidiaries</b>	<b>3,281</b>	<b>3,499</b>	<b>3,576</b>	<b>4,079</b>	<b>4,084</b>
<i>Russia</i>	3,281	3,497	3,576	4,079	4,084
Western Siberia	1,983	2,103	2,089	2,528	2,549
Urals	433	487	527	575	576
Volga	381	398	409	403	426
Timan-Pechora	474	499	542	564	524
Other	10	10	9	9	9
<i>International</i>	0	2	0	0	0
<b>Share in production by affiliates</b>	<b>248</b>	<b>258</b>	<b>215</b>	<b>224</b>	<b>265</b>
<i>Russia</i>	30	31	31	33	33
<i>International</i>	218	227	184	191	232
<b>Utilization rate of associated petroleum gas, %</b>	<b>79.7</b>	<b>79.1</b>	<b>72.2</b>	<b>69.0</b>	<b>70.4</b>

\* Includes gas for sale, does not include reinjection and own consumption as well as production and transportation losses.

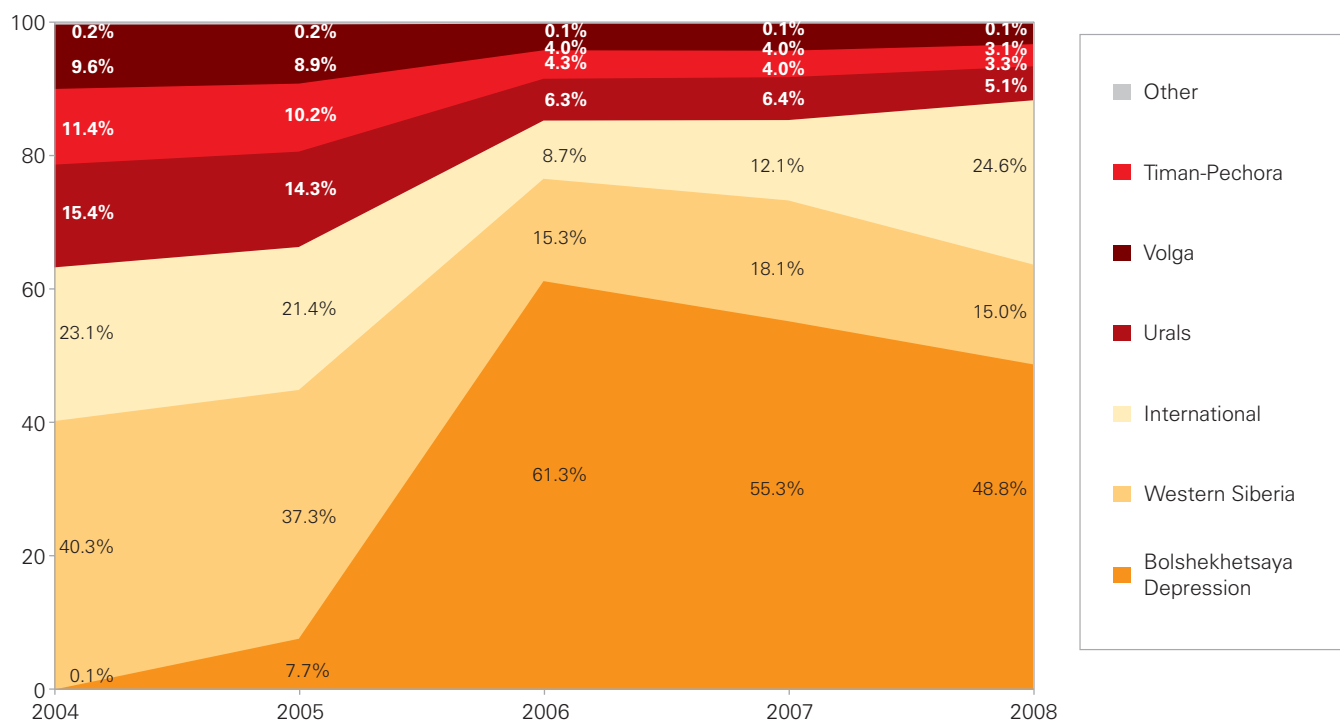
\*\* Includes gas for sale, reinjection and own consumption as well as production and transportation losses.

**Natural and associated petroleum gas production, mcm**

	2004	2005	2006	2007	2008
<b>Total production of gas**</b>	<b>6,473</b>	<b>7,569</b>	<b>15,967</b>	<b>16,397</b>	<b>19,437</b>
<b>Production of marketable gas*</b>	<b>4,924</b>	<b>5,635</b>	<b>13,612</b>	<b>13,955</b>	<b>17,020</b>
including:					
<b>Subsidiaries</b>	<b>4,676</b>	<b>5,377</b>	<b>13,397</b>	<b>13,731</b>	<b>16,755</b>
<i>Russia</i>	3,759	4,396	12,392	12,240	12,795
Western Siberia	1,983	2,103	2,089	2,528	2,549
Bolshekhetskaya Depression	3	433	8,348	7,719	8,313
Urals	759	806	853	897	867
Volga	529	544	550	522	532
Timan-Pechora	475	500	543	565	525
Other	10	10	9	9	9
<i>International</i>	917	981	1,005	1,491	3,960
<b>Share in production by affiliates</b>	<b>248</b>	<b>258</b>	<b>215</b>	<b>224</b>	<b>265</b>
<i>Russia</i>	30	31	31	33	33
<i>International</i>	218	227	184	191	232

\* Includes gas for sale, does not include reinjection and own consumption as well as production and transportation losses.

\*\* Includes gas for sale, reinjection and own consumption as well as production and transportation losses.

**Gas production by regions, %**


**HYDROCARBON PRODUCTION**
**LUKOIL Group hydrocarbon production, mln boe**

	2004	2005	2006	2007	2008
Oil	636	664	703	713	703
Gas*	38	45	94	96	114
<b>Total production by LUKOIL Group</b>	<b>674</b>	<b>709</b>	<b>797</b>	<b>809</b>	<b>817</b>
<b>Total production by LUKOIL Group, th. boe per day</b>	<b>1,842</b>	<b>1,942</b>	<b>2,184</b>	<b>2,218</b>	<b>2,232</b>

**Production of marketable hydrocarbons (including marketable gas\*\*)**

	<b>665</b>	<b>697</b>	<b>783</b>	<b>795</b>	<b>803</b>
<b>Production of marketable hydrocarbons, th. boe per day</b>	<b>1,817</b>	<b>1,911</b>	<b>2,145</b>	<b>2,178</b>	<b>2,194</b>

**Marketable hydrocarbon production by regions, mln boe**

	2004	2005	2006	2007	2008
<b>Total production by LUKOIL Group</b>	<b>665</b>	<b>697</b>	<b>783</b>	<b>795</b>	<b>803</b>
<i>Russia</i>	632	660	733	743	738
Western Siberia	430	444	455	459	431
Bolshekhetskaya Depression	0	3	49	45	49
Urals	78	80	84	87	90
Volga	27	27	28	28	28
Timan-Pechora	87	93	102	108	124
Other	10	13	15	16	16
<i>International</i>	33	37	50	52	65

**Subsidiaries**

	<b>635</b>	<b>665</b>	<b>754</b>	<b>775</b>	<b>783</b>
<i>Russia</i>	619	643	721	740	735
Western Siberia	425	435	445	458	431
Bolshekhetskaya Depression	0	3	49	45	49
Urals	77	79	84	86	89
Volga	25	25	26	27	26
Timan-Pechora	82	88	102	108	124
Other	10	13	15	16	16
<i>International</i>	16	22	33	35	48

**Share in production by affiliates**

	<b>30</b>	<b>32</b>	<b>29</b>	<b>20</b>	<b>20</b>
<i>Russia</i>	13	17	12	3	3
Western Siberia	5	9	10	1	0
Bolshekhetskaya Depression	0	0	0	0	0
Urals	1	1	0	1	1
Volga	2	2	2	1	2
Timan-Pechora	5	5	0	0	0
Other	0	0	0	0	0
<i>International</i>	17	15	17	17	17

**Hydrocarbon lifting costs of LUKOIL Group subsidiaries, USD per boe**

	2004	2005	2006	2007	2008
<b>Total</b>	<b>2.46</b>	<b>2.66</b>	<b>3.08</b>	<b>3.58</b>	<b>4.12</b>
Russia	2.44	2.60	3.01	3.55	4.11
International	3.52	4.50	4.67	4.16	4.32

\* Includes gas for sale, does not include reinjection and own consumption as well as production and transportation losses.

\*\* Includes gas for sale, reinjection and own consumption as well as production and transportation losses.

## MAJOR FIELDS OF LUKOIL GROUP IN RUSSIA

### Oil fields\*

#### Western Siberia

	2004	2005	2006	2007	2008
Total LUKOIL production of oil in Western Siberia, th. tons	56,351	58,469	59,764	59,917	56,187
Oil production from 15 major oil fields of the Group in the region, th. tons	44,536	45,543	45,821	44,857	42,249
<b>Share, %</b>	<b>79.0</b>	<b>77.9</b>	<b>76.7</b>	<b>74.9</b>	<b>75.2</b>
LUKOIL proved oil reserves in Western Siberia, mln barrels					7,798
Proved oil reserves of 15 major oil fields of the Group in the region, mln barrels					5,801
<b>Share, %</b>					<b>74.4</b>

#### Tevlinsko-Russkinskoye field

	2004	2005	2006	2007	2008
<b>Proved oil reserves, mln barrels</b>					<b>1,023</b>
<b>Oil production, th. tons</b>	<b>11,367</b>	<b>11,443</b>	<b>10,382</b>	<b>9,486</b>	<b>8,608</b>
Cumulative oil production, mln tons	102.7	114.2	124.6	134.1	142.7
<i>Total wells</i>	<i>2,088</i>	<i>2,151</i>	<i>2,229</i>	<i>2,297</i>	<i>2,407</i>
Production wells	1,233	1,332	1,383	1,404	1,423
Production wells in use	1,171	1,227	1,281	1,300	1,333
Average flow rate per well, tons per day	26.2	25.6	22.7	20.3	17.9
Watercut, %	45.4	54.9	64.2	70.4	75.4

#### Vat-Yeganskoye field

	2004	2005	2006	2007	2008
<b>Proved oil reserves, mln barrels</b>					<b>1,292</b>
<b>Oil production, th. tons</b>	<b>8,058</b>	<b>8,175</b>	<b>8,344</b>	<b>8,086</b>	<b>7,626</b>
<b>Group's share, th. tons</b>	<b>7,943</b>	<b>8,087</b>	<b>8,265</b>	<b>8,086</b>	<b>7,626</b>
Cumulative oil production, mln tons	136.2	144.4	152.7	160.8	168.4
<i>Total wells</i>	<i>3,476</i>	<i>3,563</i>	<i>3,643</i>	<i>3,722</i>	<i>3,834</i>
Production wells	2,362	2,390	2,331	2,310	2,357
Production wells in use	2,144	2,124	2,041	2,017	2,074
Average flow rate per well, tons per day	10.6	10.7	11.0	11.0	10.2
Watercut, %	78.4	80.8	81.8	83.0	85.0

#### Povkhovskoye field

	2004	2005	2006	2007	2008
<b>Proved oil reserves, mln barrels</b>					<b>760</b>
<b>Oil production, th. tons</b>	<b>5,618</b>	<b>5,824</b>	<b>6,093</b>	<b>6,183</b>	<b>5,898</b>
Cumulative oil production, mln tons	160.0	165.8	171.9	178.1	184.0
<i>Total wells</i>	<i>3,202</i>	<i>3,202</i>	<i>3,213</i>	<i>3,261</i>	<i>3,268</i>
Production wells	1,831	1,836	1,824	1,873	1,886
Production wells in use	1,330	1,422	1,428	1,466	1,535
Average flow rate per well, tons per day	11.9	11.8	11.9	11.8	10.7
Watercut, %	61.5	66.3	70.1	71.2	73.4

\* Reserves are stated in accordance with the share of the Group. If the Group's share in production is less than 100%, then the share is stated in a separate line. Summary production data are stated in accordance with the share of the Group.

***Yuzhno-Yagunskoye field***

	2004	2005	2006	2007	2008
<b>Proved oil reserves, mln barrels</b>					<b>571</b>
<b>Oil production, th. tons</b>	<b>4,535</b>	<b>4,387</b>	<b>3,711</b>	<b>3,142</b>	<b>2,810</b>
<b>Group's share, th. tons</b>	<b>4,512</b>	<b>4,365</b>	<b>3,689</b>	<b>3,142</b>	<b>2,810</b>
Cumulative oil production, mln tons	113.2	117.5	121.2	124.3	127.1
<i>Total wells</i>	<i>1,771</i>	<i>1,776</i>	<i>1,783</i>	<i>1,810</i>	<i>1,879</i>
Production wells	1,006	1,046	979	975	990
Production wells in use	907	943	875	860	883
Average flow rate per well, tons per day	14.6	13.2	11.3	10.0	8.7
Watercut, %	76.3	80.1	83.3	86.7	89.6

***Pokachevskoye field***

	2004	2005	2006	2007	2008
<b>Proved oil reserves, mln barrels</b>					<b>321</b>
<b>Oil production, th. tons</b>	<b>3,096</b>	<b>3,412</b>	<b>3,468</b>	<b>3,582</b>	<b>3,125</b>
Cumulative oil production, mln tons	132.8	136.2	139.7	143.3	146.4
<i>Total wells</i>	<i>2,206</i>	<i>2,214</i>	<i>2,215</i>	<i>2,243</i>	<i>2,272</i>
Production wells	1,182	1,165	1,232	1,341	1,362
Production wells in use	965	978	1,059	1,151	1,158
Average flow rate per well, tons per day	8.7	9.4	9.0	8.9	7.4
Watercut, %	87.7	88.6	91.0	92.1	93.3

***Kogalymskoye field***

	2004	2005	2006	2007	2008
<b>Proved oil reserves, mln barrels</b>					<b>273</b>
<b>Oil production, th. tons</b>	<b>2,380</b>	<b>2,460</b>	<b>2,623</b>	<b>2,793</b>	<b>2,846</b>
Cumulative oil production, mln tons	20.9	23.4	26.0	28.8	31.6
<i>Total wells</i>	<i>473</i>	<i>504</i>	<i>520</i>	<i>553</i>	<i>574</i>
Production wells	240	267	282	294	308
Production wells in use	217	232	248	275	287
Average flow rate per well, tons per day	33.5	30.8	30.9	29.1	27.4
Watercut, %	40.2	41.9	42.3	45.7	50.3

***Uryevskoye field***

	2004	2005	2006	2007	2008
<b>Proved oil reserves, mln barrels</b>					<b>310</b>
<b>Oil production, th. tons</b>	<b>1,987</b>	<b>1,935</b>	<b>1,847</b>	<b>2,227</b>	<b>2,394</b>
Cumulative oil production, mln tons	74.8	76.7	78.6	80.8	83.2
<i>Total wells</i>	<i>1,984</i>	<i>2,008</i>	<i>2,011</i>	<i>2,076</i>	<i>2,200</i>
Production wells	989	945	906	921	945
Production wells in use	782	798	811	818	833
Average flow rate per well, tons per day	7.0	6.7	6.4	7.6	8.0
Watercut, %	90.3	90.9	91.6	90.0	89.7

**Nong-Yeganskoye field**

	2004	2005	2006	2007	2008
<b>Proved oil reserves, mln barrels</b>					<b>192</b>
<b>Oil production, th. tons</b>	<b>1,456</b>	<b>1,536</b>	<b>1,447</b>	<b>1,340</b>	<b>1,026</b>
Cumulative oil production, mln tons	27.3	28.8	30.3	31.6	32.6
<i>Total wells</i>	443	443	444	454	469
Production wells	223	240	257	285	300
Production wells in use	195	204	222	250	263
Average flow rate per well, tons per day	20.1	21.3	18.2	15.5	10.9
Watercut, %	73.0	75.4	83.7	86.4	89.6

**Kluhevoye field**

	2004	2005	2006	2007	2008
<b>Proved oil reserves, mln barrels</b>					<b>101</b>
<b>Oil production, th. tons</b>	<b>1,751</b>	<b>1,464</b>	<b>1,385</b>	<b>1,160</b>	<b>884</b>
Cumulative oil production, mln tons	17.2	18.6	20.0	21.2	22.1
<i>Total wells</i>	409	409	409	409	407
Production wells	299	295	292	295	302
Production wells in use	275	259	248	261	264
Average flow rate per well, tons per day	17.2	14.9	14.3	12.2	9.2
Watercut, %	71.5	78.8	85.4	88.3	91.8

**Druzhnoye field**

	2004	2005	2006	2007	2008
<b>Proved oil reserves, mln barrels</b>					<b>140</b>
<b>Oil production, th. tons</b>	<b>1,287</b>	<b>1,380</b>	<b>1,682</b>	<b>1,655</b>	<b>1,477</b>
Cumulative oil production, mln tons	41.4	42.8	44.4	46.1	47.6
<i>Total wells</i>	896	915	945	966	998
Production wells	333	363	436	467	440
Production wells in use	288	324	378	415	400
Average flow rate per well, tons per day	12.8	12.7	13.6	11.5	9.8
Watercut, %	80.8	81.6	83.0	85.2	87.3

**Nivagalskoye field**

	2004	2005	2006	2007	2008
<b>Proved oil reserves, mln barrels</b>					<b>345</b>
<b>Oil production, th. tons</b>	<b>1,422</b>	<b>1,283</b>	<b>1,198</b>	<b>1,330</b>	<b>1,632</b>
Cumulative oil production, mln tons	15.1	16.4	17.6	18.9	20.5
<i>Total wells</i>	931	931	934	936	968
Production wells	501	474	459	473	489
Production wells in use	356	376	380	386	402
Average flow rate per well, tons per day	10.7	9.7	8.7	9.6	11.7
Watercut, %	75.6	79.9	83.0	82.1	81.2

**Sredne-Khulymenskoye field**

	2004	2005	2006	2007	2008
<b>Proved oil reserves, mln barrels</b>					<b>32</b>
<b>Oil production, th. tons</b>	<b>781</b>	<b>1,090</b>	<b>1,035</b>	<b>969</b>	<b>840</b>
Cumulative oil production, mln tons	1.2	2.3	3.4	4.4	5.2
<i>Total wells</i>	<i>61</i>	<i>85</i>	<i>114</i>	<i>138</i>	<i>142</i>
Production wells	53	72	81	93	96
Production wells in use	51	69	79	89	91
Average flow rate per well, tons per day	59.1	52.5	39.9	29.6	26.9
Watercut, %	19.3	23.8	31.3	38.2	44.7

**Severo-Pokachevskoye field**

	2004	2005	2006	2007	2008
<b>Proved oil reserves, mln barrels</b>					<b>73</b>
<b>Oil production, th. tons</b>	<b>476</b>	<b>680</b>	<b>853</b>	<b>1,093</b>	<b>1,036</b>
Cumulative oil production, mln tons	0.9	1.6	2.5	3.6	4.6
<i>Total wells</i>	<i>89</i>	<i>105</i>	<i>125</i>	<i>154</i>	<i>204</i>
Production wells	53	59	76	88	104
Production wells in use	46	50	69	77	91
Average flow rate per well, tons per day	32.7	41.4	40.0	44.4	34.7
Watercut, %	16.2	28.1	34.4	43.6	59.7

**Kamenny license area** (eastern part of the Kamennaya area of the Krasnoleninskoye field)

	2004	2005	2006	2007	2008
<b>Proved oil reserves, mln barrels</b>					<b>192</b>
<b>Oil production, th. tons</b>	–	–	<b>1,124</b>	<b>1,081</b>	<b>1,079</b>
Cumulative oil production, mln tons	–	–	2.8	2.9	5.0
<i>Total wells</i>	<i>–</i>	<i>–</i>	<i>311</i>	<i>332</i>	<i>434</i>
Production wells	–	–	196	205	294
Production wells in use	–	–	148	170	264
Average flow rate per well, tons per day	–	–	23.5	18.2	14.7
Watercut, %	–	–	43.7	50.4	62.0

**Kechimovskoye field**

	2004	2005	2006	2007	2008
<b>Proved oil reserves, mln barrels</b>					<b>176</b>
<b>Oil production, th. tons</b>	<b>460</b>	<b>584</b>	<b>730</b>	<b>731</b>	<b>968</b>
Cumulative oil production, mln tons	2.6	3.2	4.0	4.7	5.7
<i>Total wells</i>	<i>146</i>	<i>167</i>	<i>177</i>	<i>200</i>	<i>327</i>
Production wells	83	101	98	112	177
Production wells in use	73	86	83	97	155
Average flow rate per well, tons per day	17.4	20.7	24.2	22.9	22.1
Watercut, %	61.7	63.5	65.9	68.2	73.8

**Timan-Pechora**

	2004	2005	2006	2007	2008
Total LUKOIL production of oil in Timan-Pechora, th. tons	11,732	12,476	13,601	14,576	16,685
Oil production from 7 major oil fields of the Group in the region, th. tons	7,235	7,631	8,475	9,152	10,714
<b>Share, %</b>	<b>61.7</b>	<b>61.2</b>	<b>62.3</b>	<b>62.8</b>	<b>64.2</b>
LUKOIL proved oil reserves in Timan-Pechora, mln barrels					2,912
Proved oil reserves of 7 major oil fields of the Group in the region, mln barrels					1,608
<b>Share, %</b>					<b>55.2</b>

**Kharyaginskoye field**

	2004	2005	2006	2007	2008
<b>Proved oil reserves, mln barrels</b>					<b>298</b>
<b>Oil production, th. tons</b>	<b>2,711</b>	<b>2,721</b>	<b>2,827</b>	<b>2,874</b>	<b>2,901</b>
Cumulative oil production, mln tons	27.7	30.5	33.3	36.2	39.1
<i>Total wells</i>	<i>331</i>	<i>333</i>	<i>348</i>	<i>356</i>	<i>365</i>
Production wells	221	226	237	250	261
Production wells in use	184	188	213	217	234
Average flow rate per well, tons per day	40.7	39.6	40.0	37.0	34.9
Watercut, %	38.5	42.0	45.2	47.2	51.9

**Usinskoye field**

	2004	2005	2006	2007	2008
<b>Proved oil reserves, mln barrels</b>					<b>518</b>
<b>Oil production, th. tons</b>	<b>2,128</b>	<b>2,149</b>	<b>2,129</b>	<b>2,113</b>	<b>2,109</b>
Cumulative oil production, mln tons	148.5	150.7	152.8	154.9	157.0
<i>Total wells</i>	<i>1,755</i>	<i>1,752</i>	<i>1,748</i>	<i>1,745</i>	<i>1,730</i>
Production wells	1,210	1,224	1,228	1,241	1,247
Production wells in use	680	670	726	757	793
Average flow rate per well, tons per day	8.8	8.8	8.5	7.9	7.4
Watercut, %	83.1	83.3	83.1	83.9	84.0

**Yuzhno-Shapkinskoye field**

	2004	2005	2006	2007	2008
<b>Proved oil reserves, mln barrels</b>					<b>82</b>
<b>Oil production, th. tons</b>	<b>1,346</b>	<b>1,498</b>	<b>1,341</b>	<b>1,299</b>	<b>903</b>
<b>Group's share, th. tons</b>	<b>672</b>	<b>811</b>	<b>1,341</b>	<b>1,299</b>	<b>903</b>
Cumulative oil production, mln tons	1.9	3.4	4.7	6.0	6.9
<i>Total wells</i>	<i>43</i>	<i>57</i>	<i>60</i>	<i>62</i>	<i>68</i>
Production wells	27	30	34	42	48
Production wells in use	24	28	33	41	44
Average flow rate per well, tons per day	198.2	157.2	127.2	96.3	61.3
Watercut, %	7.9	21.1	52.1	57.2	67.5



**Vozeiskoye field**

	2004	2005	2006	2007	2008
<b>Proved oil reserves, mln barrels</b>					<b>120</b>
<b>Oil production, th. tons</b>	<b>1,085</b>	<b>1,058</b>	<b>1,058</b>	<b>1,138</b>	<b>1,278</b>
Cumulative oil production, mln tons	95.8	96.8	97.9	99.0	100.3
<i>Total wells</i>	<i>1,587</i>	<i>1,588</i>	<i>1,586</i>	<i>1,585</i>	<i>1,583</i>
Production wells	768	819	760	767	787
Production wells in use	347	363	403	439	465
Average flow rate per well, tons per day	9.0	8.4	7.7	7.6	7.8
Watercut, %	89.8	89.7	90.3	90.0	89.3

**Tedinskoye field**

	2004	2005	2006	2007	2008
<b>Proved oil reserves, mln barrels</b>					<b>46</b>
<b>Oil production, th. tons</b>	<b>621</b>	<b>882</b>	<b>1,037</b>	<b>1,099</b>	<b>1,042</b>
Cumulative oil production, mln tons	1.2	2.0	3.1	4.2	5.2
<i>Total wells</i>	<i>19</i>	<i>28</i>	<i>36</i>	<i>50</i>	<i>58</i>
Production wells	19	28	35	43	49
Production wells in use	19	27	35	43	49
Average flow rate per well, tons per day	124.9	106.8	93.5	80.2	65.0
Watercut, %	5.8	23.3	39.6	54.0	65.5

**Pashshorskoye field**

	2004	2005	2006	2007	2008
<b>Proved oil reserves, mln barrels</b>					<b>39</b>
<b>Oil production, th. tons</b>	<b>18</b>	<b>10</b>	<b>83</b>	<b>629</b>	<b>954</b>
Cumulative oil production, mln tons	0	0	0	0.8	1.7
<i>Total wells</i>	<i>6</i>	<i>6</i>	<i>6</i>	<i>14</i>	<i>21</i>
Production wells	2	2	3	12	19
Production wells in use	2	2	3	10	16
Average flow rate per well, tons per day	386.0	356.4	317.1	226.0	190.2
Watercut, %	0.7	0.0	11.0	13.1	10.6

**Yuzhno-Khylchuyuskoye field**

	2004	2005	2006	2007	2008
<b>Proved oil reserves, mln barrels</b>					<b>505</b>
<b>Oil production, th. tons</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,527</b>
Cumulative oil production, mln tons	-	-	-	-	1.6
<i>Total wells</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>68</i>
Production wells	-	-	-	-	22
Production wells in use	-	-	-	-	22
Average flow rate per well, tons per day	-	-	-	-	539.9
Watercut, %	-	-	-	-	2.0

**Urals**

	2004	2005	2006	2007	2008
Share of the Unvinskoye field in LUKOIL oil production in Urals, %	10.2	11.2	11.7	12.3	11.9
Share of the Unvinskoye field in LUKOIL proved oil reserves in Urals, %					8.1

**Unvinskoye field**

	2004	2005	2006	2007	2008
Proved oil reserves, mln barrels					169
Oil production, th. tons	1,033	1,152	1,274	1,385	1,385
Cumulative oil production, mln tons	21.5	22.7	23.9	25.3	26.7
Total wells	428	428	428	428	420
Production wells	289	294	291	293	294
Production wells in use	262	233	252	251	261
Average flow rate per well, tons per day	11.3	13.6	14.6	16.2	15.3
Watercut, %	24.3	19.8	19.6	27.3	30.2

**Volga**

	2004	2005	2006	2007	2008
Share of the Pamyatno-Sasovskoye field in LUKOIL oil production in Volga, %	70.4	72.1	72.8	76.0	73.2
Share of the Pamyatno-Sasovskoye field in LUKOIL proved oil reserves in Volga (excluding Caspian), %					58.3

**Pamyatno-Sasovskoye field**

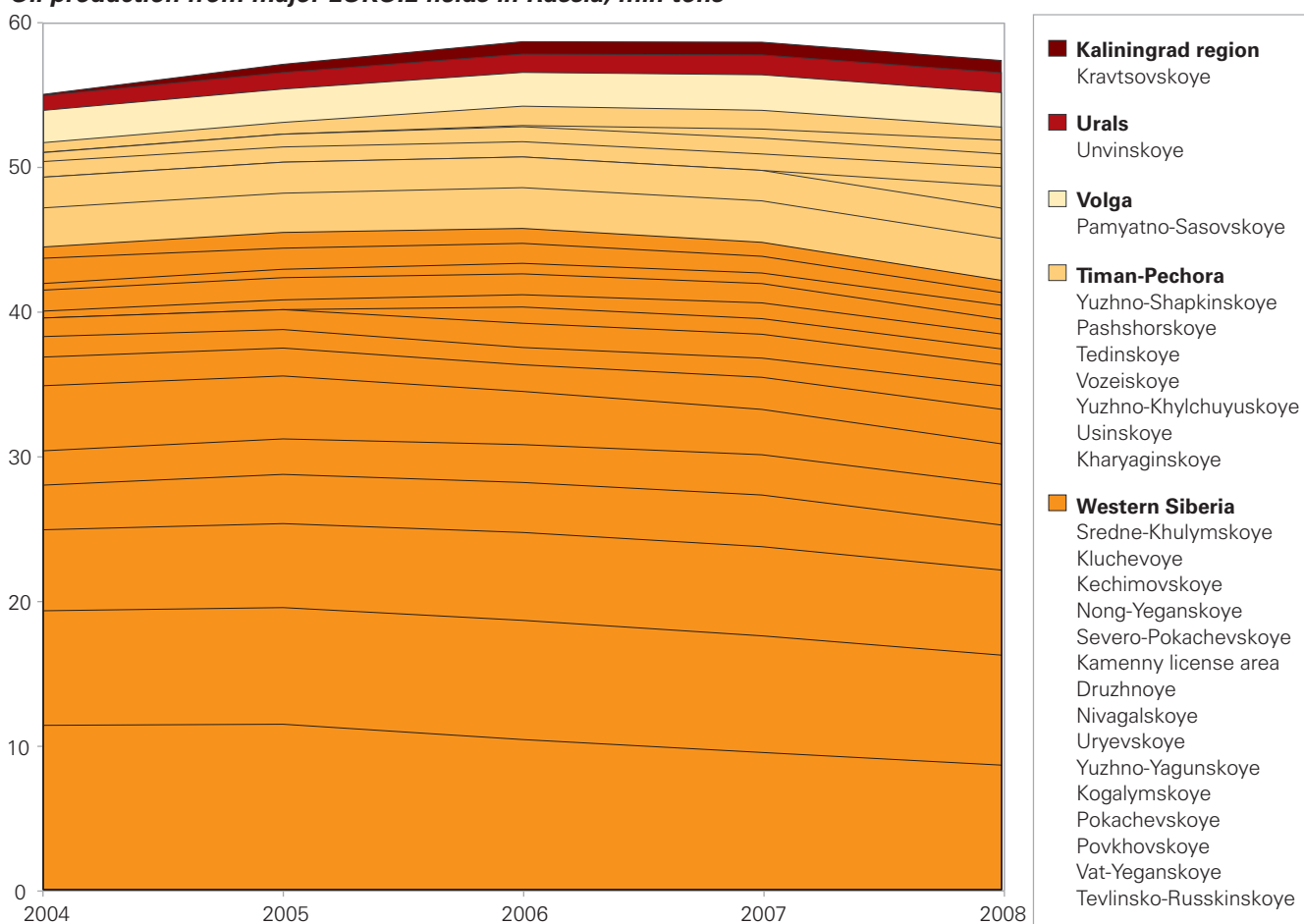
	2004	2005	2006	2007	2008
Proved oil reserves, mln barrels					144
Oil production, th. tons	2,439	2,518	2,547	2,667	2,585
Group's share, th. tons	2,236	2,313	2,341	2,464	2,390
Cumulative oil production, mln tons	24.7	27.2	29.8	32.4	35.0
Total wells	61	62	65	65	65
Production wells	49	48	49	49	49
Production wells in use	49	47	49	49	48
Average flow rate per well, tons per day	135.5	143.5	143.7	147.3	146.4
Watercut, %	0.2	0.7	0.9	2.3	3.8

**Kaliningrad region**

	2004	2005	2006	2007	2008
Share of the Kravtsovskoye field in LUKOIL oil production in Kaliningrad region, %	10.3	47.3	60.9	61.7	59.1
Share of the Kravtsovskoye field in LUKOIL proved oil reserves in Kaliningrad region, %					42.4

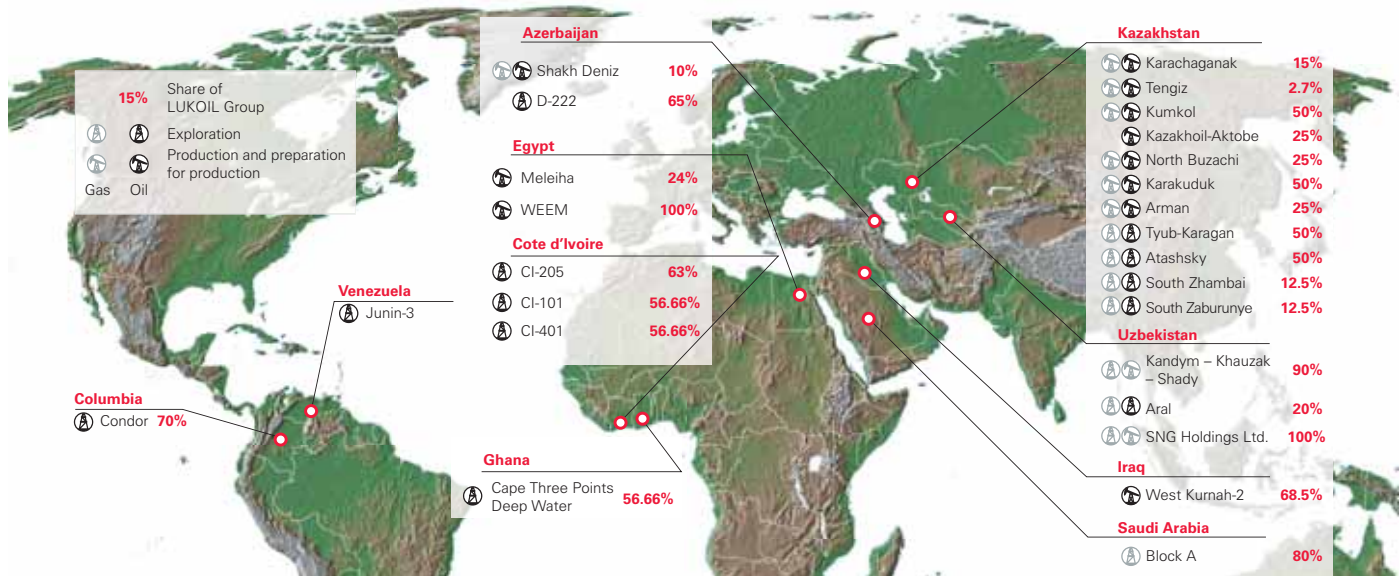
**Kravtsovskoye field**

	2004	2005	2006	2007	2008
<b>Proved oil reserves, mln barrels</b>					<b>33</b>
<b>Oil production, th. tons</b>	<b>80</b>	<b>562</b>	<b>861</b>	<b>877</b>	<b>842</b>
Cumulative oil production, mln tons	0.1	0.6	1.5	2.4	3.2
<i>Total wells</i>	3	8	12	18	19
Production wells	3	8	12	12	13
Production wells in use	3	8	12	12	13
Average flow rate per well, tons per day	237.4	277.0	252.3	200.5	171.3
Watercut, %	14.5	5.5	8.7	14.0	22.3

**Oil production from major LUKOIL fields in Russia, mln tons**

**Gas fields**
**Nakhodkinskoye field**

	2004	2005	2006	2007	2008
<b>Proved natural gas reserves, bcf</b>					<b>3,703</b>
<b>Natural gas production, mcm</b>	<b>7</b>	<b>472</b>	<b>8,486</b>	<b>7,798</b>	<b>8,408</b>
Cumulative natural gas production, mcm	0.0	0.5	9.0	16.8	25.2
<i>Total wells</i>	–	52	69	65	65
Production wells	–	49	61	61	61
Production wells in use	–	13	61	61	50

## INTERNATIONAL PROJECTS OF LUKOIL GROUP



### International projects\*, total

	2004	2005	2006	2007	2008
Proved oil reserves, mln barrels	487	614	608	495	592
Proved gas reserves, bcf	3,216	3,845	4,442	5,068	6,972
Hydrocarbon reserves, mln boe	1,023	1,255	1,350	1,339	1,754
Oil production, th. tons	3,480	3,881	5,674	5,545	5,295
Marketable gas production, mcm	1,135	1,208	1,189	1,682	4,192
Marketable hydrocarbon production, mln boe	33	37	50	52	65

### Kazakhstan

#### Karachaganak

Proved oil reserves, mln barrels	231	208	173	157	246
Proved gas reserves, bcf	1,624	1,441	1,203	1,137	1,861
Hydrocarbon reserves, mln boe	502	448	374	347	556
Oil production, th. tons	1,189	1,438	1,448	1,601	1,565
Marketable gas production, mcm	1,189	979	1,005	1,046	1,069
Marketable hydrocarbon production, mln boe	15	17	17	19	18

#### Kumkol

Proved oil reserves, mln barrels	111	89	79	78	68
Proved gas reserves, bcf	0	0	13	14	13
Hydrocarbon reserves, mln boe	111	89	81	80	70
Oil production, th. tons	1,689	1,502	1,707	1,756	1,628
Marketable gas production, mcm	51	54	41	44	42
Marketable hydrocarbon production, mln boe	13	12	13	14	13

#### Tengiz

Proved oil reserves, mln barrels	112	118	120	117	120
Proved gas reserves, bcf	188	177	154	151	152
Hydrocarbon reserves, mln boe	143	147	146	142	145
Oil production, th. tons	369	366	360	376	466
Marketable gas production, mcm	167	172	143	147	190
Marketable hydrocarbon production, mln boe	4	4	4	4	5

#### North Buzachi

Proved oil reserves, mln barrels	–	42	80	41	35
Oil production, th. tons	–	103	668	524	428
Marketable gas production, mcm	–	2	–	–	–
Marketable hydrocarbon production, mln boe	–	0.7	5	4	3

\* Group's share.

	2004	2005	2006	2007	2008
<b>Arman</b>					
Proved oil reserves, mln barrels	–	3	4	2	0.6
Oil production, th. tons	–	19	82	44	26
<i>Oil production, mln barrels</i>	–	0.1	0.6	0.3	0.2
<b>Karakuduk</b>					
Proved oil reserves, mln barrels	–	38	50	34	33
Oil production, th. tons	–	125	702	668	636
Marketable gas production, mcm	–	1	–	–	–
<i>Marketable hydrocarbon production, mln boe</i>	–	1	5	5	5
<b>Kazakhoil-Aktobe</b>					
Proved oil reserves, mln barrels	–	89	76	35	32
Oil production, th. tons	–	114	508	286	190
<i>Oil production, mln barrels</i>	–	1	4	2	1
<b>Egypt</b>					
<b>Meleiha</b>					
Proved oil reserves, mln barrels	1	3	2	3	4
Oil production, th. tons	53	47	40	46	47
<i>Oil production, mln barrels</i>	0.4	0.4	0.3	0.4	0.4
<b>WEEM</b>					
Proved oil reserves, mln barrels	13	7	6	5	7
Oil production, th. tons	180	167	159	154	144
<i>Oil production, mln barrels</i>	1	1	1	1	1
<b>Azerbaijan</b>					
<b>Shakh Deniz</b>					
Proved oil reserves, mln barrels	15	11	10	11	18
Proved gas reserves, bcf	338	249	314	476	532
<i>Hydrocarbon reserves, mln boe</i>	71	53	63	90	107
Oil production, th. tons	–	–	–	88	147
Marketable gas production, mcm	–	–	–	309	551
<i>Marketable hydrocarbon production, mln boe</i>	–	–	–	2	4
<b>Uzbekistan</b>					
<b>Kandym – Khauzak – Shady</b>					
Proved oil reserves, mln barrels	4	6	8	6	10
Proved gas reserves, bcf	1,066	1,978	2,758	3,290	3,019
<i>Hydrocarbon reserves, mln boe</i>	182	336	468	554	513
Oil production, th. tons	–	–	–	2	12
Marketable gas production, mcm	–	–	–	136	2,340
<i>Marketable hydrocarbon production, mln boe</i>	–	–	–	0.8	14
<b>South-West Gissar</b>					
Proved oil reserves, mln barrels	–	–	–	–	17
Proved gas reserves, bcf	–	–	–	–	1,395
<i>Hydrocarbon reserves, mln boe</i>	–	–	–	–	250
Oil production, th. tons	–	–	–	–	6
<i>Marketable hydrocarbon production, mln boe</i>	–	–	–	–	0.1
<b>Columbia</b>					
<b>Condor</b>					
Proved oil reserves, mln barrels	–	–	–	6	1
Proved gas reserves, bcf	–	–	–	–	–
<i>Hydrocarbon reserves, mln boe</i>	–	–	–	6	1

## OIL REFINING

### LUKOIL Group refineries



\* Capacity of the ISAB complex is shown in accordance with the Company share (49%). The throughput represents the Company share in December 2008.

### Input capacity of LUKOIL facilities, th. barrels per day

	Crude	Vacuum distillation	Coking	Thermal operations	Catalytic cracking	Catalytic reforming	Catalytic hydrocracking	Catalytic hydrotreating
Perm	254.6	116.3	17.6	–	9.3	36.9	65.2	146.3
Volgograd	225.2	68.2	18.5	–	–	43.7	–	95.9
Nizhny Novgorod	337.1	132.4	–	42.2	–	47.1	–	158.5
Ukhta	73.4	18.1	–	14.1	–	9.2	–	29.4
Burgas	175.1	72.6	–	26.4	34.8	14.4	–	101.4
Ploiesti	47.8	21.8	10.5	–	18.5	10.1	–	45.7
Odessa	55.7	25.5	–	12.3	–	11.5	–	33.9
<b>Total*</b>	<b>1,168.9</b>	<b>454.9</b>	<b>46.6</b>	<b>95.0</b>	<b>62.6</b>	<b>172.9</b>	<b>65.2</b>	<b>611.1</b>

### Production capacity of LUKOIL facilities, th. barrels per day

	Alkylation	Aromatics	Isomerization	Lubricants	Oxygenates	Hydrogen, mcf per day	Sulfur, tons per day	Bitumen
Perm	–	2.2	12.0	9.4	–	119.4	213.7	12.1
Volgograd	–	1.8	9.8	11.3	–	10.7	111.8	4.2
Nizhny Novgorod	–	–	11.8	4.5	–	–	–	20.7
Ukhta	–	–	–	–	–	11.9	11.0	4.4
Burgas	4.6	3.3	1.3	–	1.9	16.1	164.4	4.8
Ploiesti	–	–	3.8	–	2.6	3.9	54.8	–
Odessa	–	–	3.2	–	–	–	21.1	3.3
<b>Total*</b>	<b>4.6</b>	<b>7.3</b>	<b>41.9</b>	<b>25.2</b>	<b>4.5</b>	<b>162.0</b>	<b>576.8</b>	<b>49.5</b>

### Capital expenditures in refining, mln USD

	2004	2005	2006	2007	2008
Expenditures	428	412	696	830	1,023

### Refining expenses, mln USD

	2004	2005	2006	2007	2008
Owned refineries	532	644	730	880	1,115
Affiliated refineries	n/a	104	230	242	439

\* Excluding mini-refineries and ISAB Complex.