

## The Czech Republic mine production and mineral reserves – Overview in the year 2024

Mineral	Specifications	production	R e s e r v e s																							
		2024	Category in Czech wording	Category in English wording	Reserves of the given category in	Category in Czech wording	Category in English wording	Reserves of the given category in	Category in Czech wording	Category in English wording	Reserves of the given category in	Category in Czech wording	Category in English wording	Reserves of the given category in												
					2024			2024			2024			2024	2024											
Energy minerals																										
Bituminous coal	ths tonnes	1 202	Celkem	Total	16 320 026	Blanční prozkoumané	Economic explored	1 246 087	Blanční vyhledané	Economic prospected	5 753 815	Nebilanční	Potentially economic	9 320 124	Vytěžitelné	Exploitable (recoverable)	1 212									
Brown coal	this tonnes (Czech Statistical Office presents so-called sales mine production which is production of marketable brown coal and reaches on average about 95 % of given mine production)	23 676			8 435 215			2 004 169			2 059 854			4 371 192			486 693									
Crude oil	ths tonnes	68			31 510			21 379			4 293			5 838			1 312									
Lignite	ths tonnes	0			997 229			619 652			229 932			147 645			1 903									
Natural gas	mil m³ = ths tonnes	139			30 045			6 752			2 693			20 600			4 774									
Uranium	tonnes U	17			134 773	1 300		19 448					114 025			278										
Industrial minerals																										
Barite	ths tonnes	0	Celkem	Total	1 557	Blanční prozkoumané	Economic explored	268	Blanční vyhledané	Economic prospected	121	Nebilanční	Potentially economic	1 168	Vytěžitelné	Exploitable (recoverable)	0									
Bentonite	this tonnes (including mining of montmorillonite clays overburden of kaolins since 2004)	185			326 993			83 889			136 548			106 556			24 813									
Clays	ths tonnes	448			899 066			151 459			396 844			350 663			29 505									
Diatomite	ths tonnes	52			2 102			1 408			0			694			1 244									
Dolomite	ths tonnes	374			520 488			78 989			337 297			104 202			5 985									
Feldspar	ths tonnes	389			113 698			25 470			67 205			21 023			30 296									
Feldspar substitutes	ths tonnes	19			199 593			0			199 593			0			24 023									
Fluorspar	ths tonnes	0			2 726			678			459			1 589			0									
Foundry sand	ths tonnes	574			415 143			129 847			139 246			146 050			33 380									
Glass sand	ths tonnes	672			266 852			85 824			28 769			152 259			27 207									
Gemstones	Pyrope bearing rock	6			19			3			13			3			1 086									
	Moldavite (tectite) bearing rock	53			1 300			30			1 265			0			132									
		95			2 340			54			2 277			9			238									
Graphite	ths tonnes	0						589			0			589			0	34								
Gypsum	ths tonnes	13						504 072			118 945			302 990			82 137	2 104								
Kaolin	Raw, ths tonnes (total production of all technological grades)	2 418		1 189 406	270 735	474 557	444 114	108 008																		
	Beneficiated, ths tonnes	433																								
Limestones and corrective additives for cement production	ths tonnes	8 937			4 711 267	1 989 074	1 846 310	875 883	871 412																	
Silica minerals	ths tonnes	12			27 119	888	22 042	4 189	152																	
Construction minerals																										
Brick clays and related minerals	Mine production in reserved deposits, ths m3 (decrease of mineral reserves by mine production)	383	Celkem	Total	524 104	Blanční prozkoumané	Economic explored	194 319	Blanční vyhledané	Economic prospected	225 530	Nebilanční	Potentially economic	104 255	Vytěžitelné	Exploitable (recoverable)	61 406									
	Mine production in reserved deposits, ths tonnes (1m3 = 1.8 tonnes) (decrease of mineral reserves by mine production)	689			943 387			349 774			405 954			187 659			110 531									
	Mine production in non-reserved deposits, ths m3 (estimate)	226			702 266			60 097			516 719			125 450			12 316									
	Mine production in non-reserved deposits, ths tonnes (1m3 = 1.8 tonnes) (estimate)	407			1 258 688			108 175			930 094			225 810			22 169									
Crushed stone	Mine production in reserved deposits, ths m3 (decrease of mineral reserves by mine production)	14 007			2 552 495			1 252 359			1 151 555			148 581			709 188									
	Mine production in reserved deposits, ths tonnes (1m3 = 2.7 tonnes) (decrease of mineral reserves by mine production)	37 819			6 891 737			3 381 369			3 109 199			401 169			1 914 808									
	Mine production in non-reserved deposits, ths m3 (estimate)	1 502			1 083 906			42 435			910 593			130 878			56 874									
	production in non-reserved deposits, ths tonnes (1m3 = 2.7 tonnes) (estimate)	4 055			3 916			114 575			2 458 601			353 371			153 560									
Dimension stone	Mine production in reserved deposits, ths m3 (decrease of mineral reserves by mine production)	111			182 950			77 917			65 893			39 140			78 285									
	Mine production in reserved deposits, ths tonnes (1m3 = 2.7 tonnes) (decrease of mineral reserves by mine production)	300			493 965			210 376			177 911			105 678			211 370									
	Mine production in non-reserved deposits, ths m3 (estimate)	38			25 996			2 202			20 896			2 898			6 158									
	Mine production in non-reserved deposits, ths tonnes (1m3 = 2.7 tonnes) (estimate)	103			70 189			5 945			56 419			7 825			16 627									
Sand and gravel	Mine production in reserved deposits, ths m³ (decrease of mineral reserves by mine production)	5 974			94 333			1 072 299			816 175			239 396			401 359									
	Mine production in reserved deposits, ths tonnes (1m³ = 1.8 tonnes) (decrease of mineral reserves by mine production)	10 753			3 830 166			1 930 138			1 469 115			430 913			722 446									
	Mine production in non-reserved deposits, ths m3 (estimate)	3 916			3 077 428			1 037 842			1 804 995			234 591			95 724									
	Mine production in non-reserved deposits, ths tonnes (1m3 = 1.8 tonnes) (estimate)	7 049			5 539 370			1 868 116			3 248 991			422 264			172 303									
Metallic ores (not mined in the Czech Republic)																										
Copper	ths tonnes Cu	0	Celkem	Total	51	Blanční prozkoumané	Economic explored	0	Blanční vyhledané	Economic prospected	0	Nebilanční	Potentially economic	51												
Gold	tonnes Au	0			242			49			31			162												
Lead	ths tonnes Pb	0			161			0			0			161												
Lithium	tonnes Li	0						1 138 331			156 239			118 542			863 550									
Manganese	ths tonnes ore	0						135 764			26 495			464			108 805									
Silver	tonnes Ag	0						532			0			0			532									
Tin	ths tonnes Sn	0						387			64			67			256									
Tungsten	ths tonnes W	0						141			22			19			100									
Zinc	ths tonnes Zn	0						559			0			0			559									

**Notes:**

Bituminous coal	The calorific value of mined bituminous coal Qir is 27.07, ash content Ad is 16.00 %.
Brown coal	The calorific value of mined brown coal Qir is between 9.84 and 17.36 MJ/kg, ash content Ad between 21.98 and 42.60 % . The sulfur content Sd is between 0.90 and 2.90 %.
Lignite	Lignite was not mined in 2024.
Construction minerals	Reserved mineral deposits are owned by the Czech Republic. Non-reserved deposits (especially lot of sand and gravel, crushed stone and brick clay deposits) are a constituent part of the land and are owned by landowners.