

The Czech Republic mine production and mineral reserves – Overview in the year 2025

Mineral	Specifications	production		R e s e r v e s												
		2025	Category in Czech wording	Reserves of the given category in 2025	Category in Czech wording	Category in English wording	Reserves of the given category in 2025	Category in Czech wording	Category in English wording	Reserves of the given category in 2025	Category in Czech wording	Category in English wording	Reserves of the given category in 2025	Category in Czech wording	Category in English wording	Reserves of the given category in 2025
Energy minerals																
Bituminous coal	ths tonnes	1 161		16 318 624			1 246 417			5 753 815			9 318 392			41
Brown coal	ths 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)	24 310	Celkem	8 332 886	Bilanční prozkoumané	Economic explored	2 004 169	Bilanční vyhledané	Economic prospected	1 936 007	Nebilanční	Potentially economic	4 392 710	Vyžitélné	Exploitable (recoverable)	95 535
Crude oil	ths tonnes	66		31 444			21 320			4 286			5 838			1 312
Lignite	ths tonnes	0		997 229			619 652			229 932			147 645			1 903
Natural gas	mil m ³ = ths tonnes	132		29 993			6 668			2 725			20 600			4 774
Uranium	tonnes U	23		134 750			1 300			19 448			114 002			278
Industrial minerals																
Barite	ths tonnes	0		1 557			268			121			1 168			0
Bentonite	ths tonnes (including mining of montmorillonite clays overburden of kaolins since 2004)	230		326 731			83 646			136 548			106 537			24 599
Clays	ths tonnes	462		897 717			151 272			395 921			350 524			30 601
Diatomite	ths tonnes	30		2 070			1 376			0			694			1 244
Dolomite	ths tonnes	505		519 983			78 484			337 297			104 202			5 480
Feldspar	ths tonnes	408		117 203			25 084			68 050			24 069			30 666
Feldspar substitutes	ths tonnes	19		199 574			0			199 574			0			24 004
Fluorspar	ths tonnes	0		2 726			678			459			1 589			0
Foundry sand	ths tonnes	597		418 531			130 328			142 155			146 050			36 329
Glass sand	ths tonnes	681		266 169			85 141			28 769			152 259			26 528
Gemstones	Pyrope bearing rock	ths tonnes	12	19 332	Bilanční prozkoumané	Economic explored	3 144	Bilanční vyhledané	Economic prospected	13 008	Nebilanční	Potentially economic	3 180	Vyžitélné	Exploitable (recoverable)	1 074
	Moldavite (tectite) bearing rock	ths m ³	56	12 612			6			1 261			5			103
		ths tonnes (1 m ³ = 1.8 tonnes)	101	2 290			11			2 270			9			185
Graphite	ths tonnes	0		589			0			589			0			34
Gypsum	ths tonnes	8		504 064			118 937			302 990			82 137			2 096
Kaolin	Raw, ths tonnes (total production of all technological grades)	2 316		1 311 491			447 853			445 187			418 451			107 351
	Beneficiated, ths tonnes	424														
Limestones and corrective additives for cement production	ths tonnes	8 807		4 701 265			1 979 195			1 846 187			875 883			922 383
Silica minerals	ths tonnes	29		27 098			867			22 042			4 189			623
Construction minerals																
Brick clays and related minerals	Mine production in reserved deposits, ths m ³ (decrease of mineral reserves by mine production)	251		520 825			183 665			224 616			112 544			70 696
	Mine production in reserved deposits, ths tonnes (1m ³ = 1.8 tonnes) (decrease of mineral reserves by mine production)	452		937 485			330 597			404 309			202 579			127 253
	Mine production in non-reserved deposits, ths m ³ (estimate)	209		702 057			60 097			516 510			125 450			12 316
	Mine production in non-reserved deposits, ths tonnes (1m ³ = 1.8 tonnes) (estimate)	376		1 263 703			108 175			929 718			225 810			22 169
Crushed stone	Mine production in reserved deposits, ths m ³ (decrease of mineral reserves by mine production)	14 189		2 614 743			1 287 271			1 184 387			143 085			788 735
	Mine production in reserved deposits, ths tonnes (1m ³ = 2.7 tonnes) (decrease of mineral reserves by mine production)	38 310		7 059 806			3 475 632			3 197 845			386 330			2 129 585
	Mine production in non-reserved deposits, ths m ³ (estimate)	1 907		1 100 969			44 814			924 898			131 257			82 337
Dimension stone	production in non-reserved deposits, ths tonnes (1m ³ = 2.7 tonnes) (estimate)	5 149		2 972 616			120 998			2 497 225			354 394			222 310
	Mine production in reserved deposits, ths m ³ (decrease of mineral reserves by mine production)	97		181 522	Bilanční prozkoumané	Economic explored	78 009	Bilanční vyhledané	Economic prospected	64 373	Nebilanční	Potentially economic	39 140	Vyžitélné	Exploitable (recoverable)	82 551
Sand and gravel	Mine production in reserved deposits, ths tonnes (1m ³ = 2.7 tonnes) (decrease of mineral reserves by mine production)	262		490 109			210 624			173 807			105 678			222 888
	Mine production in non-reserved deposits, ths m ³ (estimate)	31		26 300			2 202			21 200			2 898			6 437
	Mine production in non-reserved deposits, ths tonnes (1m ³ = 2.7 tonnes) (estimate)	84		71 010			5 945			57 240			7 825			17 380
	Mine production in reserved deposits, ths m ³ (decrease of mineral reserves by mine production)	6 280		2 114 483			1 077 523			810 542			226 418			532 103
Metallic ores (not mined in the Czech Republic)	Mine production in reserved deposits, ths tonnes (1m ³ = 1.8 tonnes) (decrease of mineral reserves by mine production)	11 304		3 806 069			1 939 541			1 458 976			407 552			957 785
	Mine production in non-reserved deposits, ths m ³ (estimate)	3 637		2 140 795			103 782			1 802 422			234 591			96 548
	Mine production in non-reserved deposits, ths tonnes (1m ³ = 1.8 tonnes) (estimate)	6 547		3 853 431			186 808			3 244 360			422 264			173 786
Copper	ths tonnes Cu	0		51	Bilanční prozkoumané	Economic explored	0	Bilanční vyhledané	Economic prospected	0	Nebilanční	Potentially economic	0		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			118 543			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			23			19			100			
Zinc	ths tonnes Zn	0		559			0			0			559			

Notes:

Bituminous coal	The calorific value of mined bituminous coal Qir is 27.61 - 26.83 MJ/kg, ash content Ad is 16.00%.
Brown coal	The calorific value of mined brown coal Qir is between 9.84 and 17.50 MJ/kg, ash content Ad between 21.98 and 42.70%. The sulfur content Sd is between 0.92 and 2.90%.
Lignite	Lignite was not mined in 2025.
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.