

Substância mineral	UF	Município	Mov. Subst. Porto (t)	Mov. Total Porto (t)	Mov. Subst. País (t)	TPm	TPp	TPmp	TPt	Índice
ANTRACITO	AM	Itacoatiara	17.398,75	16.083.383,08	381.051,15	0,10818%	4,56599%	0,00494%	33,77668%	0,014624%
ANTRACITO	CE	São Gonçalo do Amarante	21.438,65	17.062.050,91	381.051,15	0,12565%	5,62619%	0,00707%	33,77668%	0,020930%
ANTRACITO	MA	São Luís	12.468,38	216.024.530,59	381.051,15	0,00577%	3,27210%	0,00019%	33,77668%	0,000559%
ANTRACITO	RJ	Itaguaí	69.079,00	83.176.675,87	381.051,15	0,08305%	18,12854%	0,01506%	33,77668%	0,044575%
ANTRACITO	RO	Porto Velho	1.322,84	10.297.502,81	381.051,15	0,01285%	0,34715%	0,00004%	33,77668%	0,000132%
ANTRACITO	RS	Charqueadas	115.001,98	115.001,98	381.051,15	100,00000%	30,18020%	30,18020%	33,77668%	89,352160%
ANTRACITO	RS	Triunfo	113.800,00	960.769,09	381.051,15	11,84468%	29,86476%	3,53738%	33,77668%	10,472858%
ANTRACITO	SC	Imbituba	30.541,55	7.696.745,17	381.051,15	0,39681%	8,01508%	0,03180%	33,77668%	0,094162%
BORATOS	RS	Porto Alegre	23.774,09	1.300.399,55	23.774,09	1,82821%	100,00000%	1,82821%	1,82821%	100,000000%
CAULIM	PA	Almeirim	30.657,66	73.102,69	635.393,78	41,93780%	4,82499%	2,02349%	3,34374%	60,515876%
CAULIM	PA	Barcarena	604.599,12	43.574.991,19	635.393,78	1,38749%	95,15345%	1,32025%	3,34374%	39,484115%
CAULIM	RO	Porto Velho	137,00	10.297.502,81	635.393,78	0,00133%	0,02156%	0,00000%	3,34374%	0,000009%
FOSFATO	RJ	São João da Barra	20.137,00	84.615.285,30	20.137,00	0,02380%	100,00000%	0,02380%	0,02380%	100,000000%
GRANITO	CE	São Gonçalo do Amarante	9.573,37	17.062.050,91	641.497,63	0,05611%	1,49235%	0,00084%	2,37860%	0,035203%
GRANITO	ES	Aracruz	200.726,79	7.738.277,80	641.497,63	2,59395%	31,29034%	0,81165%	2,37860%	34,123271%
GRANITO	ES	Vila Velha	254.839,84	6.684.001,96	641.497,63	3,81268%	39,72576%	1,51462%	2,37860%	63,676966%
GRANITO	ES	Vitória	176.357,63	94.167.984,83	641.497,63	0,18728%	27,49155%	0,05149%	2,37860%	2,164559%
MAGNESITA	BA	Candeias	51.469,42	7.216.498,61	118.305,98	0,71322%	43,50534%	0,31029%	1,36508%	22,730475%
MAGNESITA	BA	Ilhéus	23.636,78	527.675,06	118.305,98	4,47942%	19,97936%	0,89496%	1,36508%	65,561152%
MAGNESITA	BA	Maragogipe	8.261,62	75.100,97	118.305,98	1,09701%	6,98327%	0,07661%	1,36508%	5,611948%
MAGNESITA	BA	Salvador	4.500,80	11.269.965,07	118.305,98	0,03994%	3,80437%	0,00152%	1,36508%	0,111300%
MAGNESITA	CE	Fortaleza	19.985,42	4.425.422,39	118.305,98	0,45160%	16,89299%	0,07629%	1,36508%	5,588666%
MAGNESITA	CE	São Gonçalo do Amarante	10.451,93	17.062.050,91	118.305,98	0,06126%	8,83466%	0,00541%	1,36508%	0,396459%
MINÉRIO DE ALUMÍNIO	BA	Ilhéus	945,57	527.675,06	30.895.568,13	0,17919%	0,00306%	0,00001%	60,16464%	0,000009%
MINÉRIO DE ALUMÍNIO	MA	São Luís	8.885.944,62	216.024.530,59	30.895.568,13	4,11340%	28,76123%	1,18306%	60,16464%	1,966376%
MINÉRIO DE ALUMÍNIO	PA	Barcarena	3.905.359,94	43.574.991,19	30.895.568,13	8,96239%	12,64052%	1,13289%	60,16464%	1,882987%
MINÉRIO DE ALUMÍNIO	PA	Juruti	5.689.731,00	5.689.731,00	30.895.568,13	100,00000%	18,41601%	18,41601%	60,16464%	30,609360%
MINÉRIO DE ALUMÍNIO	PA	Oriximiná	12.392.907,00	12.606.492,00	30.895.568,13	98,30575%	40,11225%	39,43265%	60,16464%	65,541239%
MINÉRIO DE ALUMÍNIO	RJ	Itaguaí	20.680,00	83.176.675,87	30.895.568,13	0,02486%	0,06694%	0,00002%	60,16464%	0,000028%
MINÉRIO DE COBRE	AL	Maceió	104.336,07	3.325.807,92	1.501.732,29	3,13716%	6,94771%	0,21796%	1,39175%	15,660911%
MINÉRIO DE COBRE	BA	Candeias	69.738,69	7.216.498,61	1.501.732,29	0,96638%	4,64388%	0,04488%	1,39175%	3,224529%
MINÉRIO DE COBRE	MA	São Luís	822.062,00	216.024.530,59	1.501.732,29	0,38054%	54,74092%	0,20831%	1,39175%	14,967570%
MINÉRIO DE COBRE	RJ	Itaguaí	160.398,35	83.176.675,87	1.501.732,29	0,19284%	10,68089%	0,02060%	1,39175%	1,479938%
MINÉRIO DE COBRE	RJ	São João da Barra	220.723,48	84.615.285,30	1.501.732,29	0,26086%	14,69792%	0,03834%	1,39175%	2,754822%
MINÉRIO DE COBRE	SE	Barra dos Coqueiros	124.473,70	1.197.357,88	1.501.732,29	10,39570%	8,28867%	0,86167%	1,39175%	61,912231%
MINÉRIO DE CROMO	AP	Santana	39.681,35	3.756.565,13	39.681,35	1,05632%	100,00000%	1,05632%	1,05632%	100,000000%
MINÉRIO DE ESTANHO	PA	Barcarena	1,10	43.574.991,19	5.801,10	0,00000%	0,01896%	0,00000%	0,05631%	0,000001%
MINÉRIO DE ESTANHO	RO	Porto Velho	5.800,00	10.297.502,81	5.801,10	0,05632%	99,98104%	0,05631%	0,05631%	99,999999%
MINÉRIO DE FERRO	AP	Santana	194.645,82	3.756.565,13	387.572.721,56	5,18148%	0,05022%	0,00260%	78,26955%	0,003325%
MINÉRIO DE FERRO	BA	Maragogipe	679.706,78	753.100,97	387.572.721,56	90,25440%	0,17538%	0,15828%	78,26955%	0,202229%
MINÉRIO DE FERRO	CE	Fortaleza	10.000,00	4.425.422,39	387.572.721,56	0,22597%	0,00258%	0,00001%	78,26955%	0,000007%
MINÉRIO DE FERRO	CE	São Gonçalo do Amarante	4.790.635,92	17.062.050,91	387.572.721,56	28,07773%	1,23606%	0,34706%	78,26955%	0,443414%
MINÉRIO DE FERRO	ES	Anchieta	9.140.967,00	9.310.956,37	387.572.721,56	98,17431%	2,35852%	2,31546%	78,26955%	2,958312%
MINÉRIO DE FERRO	ES	Vitória	69.755.310,00	94.167.984,83	387.572.721,56	74,07540%	17,99799%	13,33208%	78,26955%	17,033552%
MINÉRIO DE FERRO	MA	São Luís	166.334.877,55	216.024.530,59	387.572.721,56	76,99814%	42,91708%	33,04535%	78,26955%	42,219932%
MINÉRIO DE FERRO	MS	Corumbá	3.916.332,49	3.999.800,49	387.572.721,56	97,91320%	1,01048%	0,98939%	78,26955%	1,264081%
MINÉRIO DE FERRO	MS	Ladário	2.138.762,00	2.290.326,00	387.572.721,56	93,38243%	0,55184%	0,51532%	78,26955%	0,658387%
MINÉRIO DE FERRO	RJ	Itaguaí	76.552.917,55	83.176.675,87	387.572.721,56	92,03652%	19,75188%	18,17895%	78,26955%	23,226078%
MINÉRIO DE FERRO	RJ	Mangaratiba	29.523.094,00	29.523.094,00	387.572.721,56	100,00000%	7,61743%	7,61743%	78,26955%	9,732307%
MINÉRIO DE FERRO	RJ	Rio de Janeiro	410.028,00	36.838.304,57	387.572.721,56	1,11305%	0,10579%	0,00118%	78,26955%	0,001504%
MINÉRIO DE FERRO	RJ	São João da Barra	24.062.845,00	84.615.285,30	387.572.721,56	28,43794%	6,20860%	1,76560%	78,26955%	2,255792%
MINÉRIO DE FERRO	SE	Barra dos Coqueiros	62.599,45	1.197.357,88	387.572.721,56	5,22813%	0,01615%	0,00084%	78,26955%	0,001079%
MINÉRIO DE MANGANÊS	AP	Santana	386.342,01	3.756.565,13	1.395.712,35	10,28445%	27,68063%	2,84680%	3,51609%	80,965061%
MINÉRIO DE MANGANÊS	CE	Fortaleza	35.806,40	4.425.422,39	1.395.712,35	0,80911%	2,56546%	0,02076%	3,51609%	0,590352%
MINÉRIO DE MANGANÊS	CE	São Gonçalo do Amarante	104.259,52	17.062.050,91	1.395.712,35	0,61106%	7,46999%	0,04565%	3,51609%	1,298210%
MINÉRIO DE MANGANÊS	MA	São Luís	238.791,77	216.024.530,59	1.395.712,35	0,11054%	17,10895%	0,01891%	3,51609%	0,537874%
MINÉRIO DE MANGANÊS	PA	Barcarena	595.410,55	43.574.991,19	1.395.712,35	1,36640%	42,65998%	0,58291%	3,51609%	16,578317%
MINÉRIO DE MANGANÊS	RJ	Itaguaí	35.102,10	83.176.675,87	1.395.712,35	0,04220%	2,51500%	0,00106%	3,51609%	0,030186%
MINÉRIO DE NÍQUEL	BA	Ilhéus	111.210,32	527.675,06	111.210,32	21,07553%	100,00000%	21,07553%	21,07553%	100,000000%
MINÉRIO DE TITÂNIO	PB	Cabedelo	20.026,33	1.336.996,43	129.546,59	1,49786%	15,45878%	0,23155%	0,34098%	67,908402%
MINÉRIO DE TITÂNIO	RJ	São João da Barra	109.520,27	84.615.285,30	129.546,59	0,12943%	84,54122%	0,10942%	0,34098%	32,091598%
MINÉRIO DE TUNGSTÊNIO	CE	Fortaleza	15.877,69	4.425.422,39	55.641,81	0,35878%	28,53555%	0,10238%	0,13550%	75,560389%
MINÉRIO DE TUNGSTÊNIO	RJ	Itaguaí	39.103,00	83.176.675,87	55.641,81	0,04701%	70,27630%	0,03304%	0,13550%	24,383113%
MINÉRIO DE TUNGSTÊNIO	RO	Porto Velho	661,11	10.297.502,81	55.641,81	0,00642%	1,18816%	0,00008%	0,13550%	0,056298%
QUARTZO	CE	São Gonçalo do Amarante	33.335,59	17.062.050,91	87.534,23	0,19538%	38,08292%	0,07441%	0,11004%	67,615626%
QUARTZO	ES	Vitória	54.198,64	94.167.984,83	87.534,23	0,05756%	61,91708%	0,03564%	0,11004%	32,384374%