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United States Securities and Exchange Commission

Washington, D.C. 20549

FORM 6-K

Report of Foreign Private Issuer

Pursuant to Rule 13a-16 or 15d-16

of the

Securities Exchange Act of 1934

For the month of

October 2015

Vale S.A.

Avenida Graça Aranha, No. 26 20030-900 Rio de Janeiro, RJ, Brazil

(Address of principal executive office)

(Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.)

(Check One) Form 20-F x Form 40-F o
(Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1))
(Check One) Yes o No x
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(Check One) Yes o No x
(Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.)
(Check One) Yes o No x
(If Yes is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b). 82)

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VALE S PRODUCTION IN 3Q15

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This press release may include statements that present Vale s expectations about future events or results. All statements, when based upon expectations about the future and not on historical facts, involve various risks and uncertainties. Vale cannot guarantee that such statements will prove correct. These risks and uncertainties include factors related to the following: (a) the countries where we operate, especially Brazil and Canada; (b) the global economy; (c) the capital markets; (d) the mining and metals prices and their dependence on global industrial production, which is cyclical by nature; and (e) global competition in the markets in which Vale operates. To obtain further information on factors that may

lead to results different from those forecast by Vale, please consult the reports Vale files with the U.S. Securities and Exchange Commission (SEC), the Brazilian Comissão de ValoresMobiliários (CVM), the French Autorité des Marchés Financiers (AMF), and The Stock Exchange of Hong Kong Limited, and in particular the factors discussed under Forward-Looking Statements and Risk Factors in Vale s annual report on Form 20-F.

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Production highlights
Rio de Janeiro, October 19, 2015 Vale S.A. (Vale) reached 88.2 Mt of iron ore production(1) in the third quarter of 2015 (3Q15), representing the highest quarterly production in Vale s history.
As part of our previously announced strategy, less efficient operations, including beneficiation plants in the Feijão, Jangada, Pico, Fabrica and Brucutu operations, totaling annual capacity of 13 Mt, were shut down in 3Q15. Nonetheless productivity gains in other operations partially offset the production stoppage at the above mentioned beneficiation plants. The iron ore volume acquired from third parties was also reduced in 3Q15.
Production in 9M15 excluding iron ore acquired from third parties and Samarco s attributable production reached the new record of 248.0 Mt, 11.8 Mt higher than in 9M14.
Vale s pellet production in 9M15, excluding Samarco s attributable production of 10.7 Mt, was 35.8 Mt a historical record, driven by the start-up of the Tubarão 8 pellet plant and the good performance of the Oman, Fabrica and Vargem Grande pellet plants.
Nickel production reached 71,600 t in 3Q15, 6.7% higher than in 2Q15 as a result of the better performance of the operations in Indonesia and New Caledonia after the maintenance shutdowns in 2Q15.
Copper production reached 99,300 t in 3Q15, 5.3% lower than in 2Q15 as a result of the planned maintenance shutdowns in Sudbury.
Gold production reached 100,000 oz in 3Q15, the best performance ever for a third quarter, as a result of Salobo's record production.

Coal production reached 2.1 Mt in 3Q15, 2.0% higher than in 2Q15, as a result of the good performance of Moatize, which produced 1	.322 Mt
driven by improvements in the performance of the coal processing plant.	

(1) Excluding Samarco s attributable production and iron ore acquired from third parties

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Production summary

						% change	
3Q15	2Q15	3Q14	9M15	9M14	3Q15/2Q15	3Q15/3Q14	9M15/9M14
88,225	85,290	85,731	248,038	236,242	3.4%	2.9%	5.0%
2,514	4,021	2,696	9,430	9,088	-37.5%	-6.8%	3.8%
90,739	89,311	88,427	257,468	245,330	1.6%	2.6%	4.9%
12,196	12,237	11,444	35,821	31,323	-0.3%	6.6%	14.4%
644	554	654	1,790	1,629	16.4%	-1.4%	9.9%
2,052	2,012	2,340	5,759	6,335	2.0%	-12.3%	-9.1%
71.6	67.1	72.1	208	201	6.7%	-0.7%	3.1%
99.3	104.9	104.8	311	274	-5.3%	-5.3%	13.5%
125	111	140	344	345	11.7%	-10.9%	-0.4%
1,935	2,114	2,158	6,041	6,212	-8.5%	-10.4%	-2.8%
	88,225 2,514 90,739 12,196 644 2,052 71.6 99.3 125	88,225 85,290 2,514 4,021 90,739 89,311 12,196 12,237 644 554 2,052 2,012 71.6 67.1 99.3 104.9 125 111	88,225 85,290 85,731 2,514 4,021 2,696 90,739 89,311 88,427 12,196 12,237 11,444 644 554 654 2,052 2,012 2,340 71.6 67.1 72.1 99.3 104.9 104.8 125 111 140	88,225 85,290 85,731 248,038 2,514 4,021 2,696 9,430 90,739 89,311 88,427 257,468 12,196 12,237 11,444 35,821 644 554 654 1,790 2,052 2,012 2,340 5,759 71.6 67.1 72.1 208 99.3 104.9 104.8 311 125 111 140 344	88,225 85,290 85,731 248,038 236,242 2,514 4,021 2,696 9,430 9,088 90,739 89,311 88,427 257,468 245,330 12,196 12,237 11,444 35,821 31,323 644 554 654 1,790 1,629 2,052 2,012 2,340 5,759 6,335 71.6 67.1 72.1 208 201 99.3 104.9 104.8 311 274 125 111 140 344 345	88,225 85,290 85,731 248,038 236,242 3.4% 2,514 4,021 2,696 9,430 9,088 -37.5% 90,739 89,311 88,427 257,468 245,330 1.6% 12,196 12,237 11,444 35,821 31,323 -0.3% 644 554 654 1,790 1,629 16.4% 2,052 2,012 2,340 5,759 6,335 2.0% 71.6 67.1 72.1 208 201 6.7% 99.3 104.9 104.8 311 274 -5.3% 125 111 140 344 345 11.7%	3Q15 2Q15 3Q14 9M15 9M14 3Q15/2Q15 3Q15/3Q14 88,225 85,290 85,731 248,038 236,242 3.4% 2.9% 2,514 4,021 2,696 9,430 9,088 -37.5% -6.8% 90,739 89,311 88,427 257,468 245,330 1.6% 2.6% 12,196 12,237 11,444 35,821 31,323 -0.3% 6.6% 644 554 654 1,790 1,629 16.4% -1.4% 2,052 2,012 2,340 5,759 6,335 2.0% -12.3% 71.6 67.1 72.1 208 201 6.7% -0.7% 99.3 104.9 104.8 311 274 -5.3% -5.3% 125 111 140 344 345 11.7% -10.9%

⁽¹⁾ Excluding Samarco s attributable production.

⁽²⁾ TPP = Third party purchases

 $^{(3) \} Including \ Lubambe \ \ s \ attributable \ production.$

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Iron Ore

							% change	
000 metric tons	3Q15	2Q15	3Q14	9M15	9M14	3Q15/2Q15	3Q15/3Q14	9M15/9M14
Northern System	33,889	31,609	32,153	93,019	84,799	7.2%	5.4%	9.7%
Carajás	33,889	31,609	32,153	93,019	84,799	7.2%	5.4%	9.7%
Southeastern System	31,246	29,054	28,714	86,168	81,010	7.5%	8.8%	6.4%
Itabira	9,787	9,419	9,579	26,511	25,861	3.9%	2.2%	2.5%
Minas Centrais	11,187	9,974	8,975	30,060	25,824	12.2%	24.6%	16.4%
Mariana	10,272	9,661	10,159	29,597	29,325	6.3%	1.1%	0.9%
Southern System	22,049	23,346	23,236	65,193	66,139	-5.6%	-5.1%	-1.4%
Paraopeba	6,648	7,567	7,454	19,874	22,056	-12.1%	-10.8%	-9.9%
Vargem Grande	7,554	7,330	6,755	20,772	18,873	3.1%	11.8%	10.1%
Minas Itabirito	7 847	8 449						