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**Abstract:** The basic indicator for measuring of manufacturing sector performance is gross value added (GVA). The sources of growth GVA can be divided into extensive or intensive sources. The dynamics of GVA in manufacturing is influenced by the business cycle. The paper deals with the analysis of source of GVA growth in manufacturing of the Czech Republic. The manufacturing sector is divided in many different branches - divisions. The article identifies the importance of extensive and intensive sources in the economic growth of manufacturing divisions. The analysis focuses on divisions with the highest growth of GVA after crisis period. Data sources were taken from the Czech Republic national accounts in the period of 2009-2013. It was found that source of economic growth are not the same in all divisions of manufacturing. The analysis found that the main source of GVA growth in the post-crisis period was intensive growth for most divisions of manufacturing. On the contrary, the extensive growth prevailed in the automotive industry and manufacture of rubber and plastic products.

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