The subject of this thesis is to review foreign direct investment (FDI) in context of its regional differentiation in the Czech republic in a few last years. The task of exact definition of FDI and its classification are presented in the first part. I contextualize theoretic background of FDI, from economic, but especially geographical specialization with influence on regional development. Moreover, this thesis deals with history of FDI not only in the Czech republic, but also in other transition countries and also in worldwide. The emphasis have been placed on industry. My intention is to focus on its positive and negative features, which FDI brings to host economy. The output of this thesis is analysis of regional differentiation of FDI's distribution in the Czech republic and in the study case of Pardubice region, according to factors, which have effect on its allocation.