

Environmental Cost of Meat Consumption: Cross-Country Analysis

Aigerim Yergabulova¹

Abstract

Studies show that taxing meat consumption could be an important tool to mitigate negative effects of meat production on the environment. Tax impact strongly depends on consumer preferences and household income. This paper is the first to predict the environmental implications of the introduction of meat consumption taxes in Eurasian Economic Union (EAEU) countries. Four meat products (beef, poultry, lamb and pork) and two greenhouse gases (methane and nitrous oxide) are included in this study that shows that simultaneous introduction of taxes on all four meat products result in up to nine percent of emissions reduction in EAEU countries.

Keywords: meat, consumer demand, environmental tax, greenhouse gas emissions, climate change.

¹ Nazarbaev University, Kazakhstan