

ABSTRAK

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Program Studi : Ekonomi Pembangunan
Judul : Faktor-faktor yang Memengaruhi Penyerapan Tenaga Kerja Sektor Pertanian di Pulau Sumatra

Sektor pertanian merupakan penyerap tenaga kerja terbesar di Indonesia, namun tren penyerapannya di Pulau Sumatra cenderung berfluktuasi akibat dinamika produk domestik regional bruto (PDRB), investasi, dan ekspor pertanian yang belum diketahui secara pasti arah pengaruhnya terhadap ketenagakerjaan sektor tersebut. Fluktuasi tersebut menimbulkan pertanyaan mengenai seberapa besar pengaruh PDRB, investasi dan ekspor sektor pertanian terhadap penyerapan tenaga kerja sektor pertanian. Penelitian ini bertujuan untuk mengetahui pengaruh PDRB sektor pertanian, investasi sektor pertanian, dan ekspor pertanian, baik secara parsial maupun simultan, terhadap penyerapan tenaga kerja sektor pertanian di Pulau Sumatra. Data yang digunakan adalah data sekunder berbentuk data panel dari 10 provinsi di Pulau Sumatra periode 2018-2024, bersumber dari Badan Pusat Statistik dan Kementerian Investasi dan Hilirisasi. Metode analisis yang digunakan adalah regresi data panel dengan pendekatan *Fixed Effect Model*, setelah melalui uji Chow dan uji Hausman. Hasil penelitian menunjukkan bahwa PDRB sektor pertanian berpengaruh positif dan signifikan, investasi sektor pertanian berpengaruh negatif dan signifikan, serta ekspor pertanian berpengaruh positif dan signifikan terhadap penyerapan tenaga kerja sektor pertanian. Secara simultan, ketiga variabel tersebut berpengaruh signifikan dengan nilai Adjusted R-squared sebesar 0,9966. Penelitian ini merekomendasikan agar pemerintah daerah mengarahkan kebijakan investasi pertanian yang lebih berimbang antara padat modal dan padat karya, serta mendorong daya saing dan diversifikasi komoditas ekspor unggulan guna memperluas penyerapan tenaga kerja di sektor pertanian.

Kata kunci: Penyerapan Tenaga Kerja Pertanian, PDRB Pertanian, Investasi Pertanian, Ekspor Pertanian, Data Panel

ABSTRACT

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Title : Factors Affecting Agricultural Sector Labor Absorption In Sumatra Island

The agricultural sector is the largest employer in Indonesia. However, employment absorption in the agricultural sector on Sumatra Island has shown fluctuating trends due to changes in Gross Regional Domestic Product (GRDP), agricultural investment, and agricultural exports, whose effects on employment have not yet been clearly identified. These fluctuations raise questions regarding the extent to which agricultural GRDP, agricultural investment, and agricultural exports influence employment absorption in the agricultural sector. This study aims to analyze the effects of agricultural GRDP, agricultural investment, and agricultural exports, both partially and simultaneously, on employment absorption in the agricultural sector on Sumatra Island. The study uses secondary panel data from 10 provinces on Sumatra Island covering the period 2018–2024, obtained from Statistics Indonesia (BPS) and the Ministry of Investment and Downstream Industry. The analytical method employed is panel data regression using the Fixed Effect Model (FEM), selected based on the Chow test and Hausman test. The results indicate that agricultural GRDP has a positive and significant effect on employment absorption, agricultural investment has a negative and significant effect, and agricultural exports have a positive and significant effect on employment absorption in the agricultural sector. Simultaneously, all three variables have a significant effect, with an Adjusted R-squared value of 0.9966. This study recommends that regional governments formulate agricultural investment policies that maintain a better balance between capital-intensive and labor-intensive activities while enhancing the competitiveness and diversification of leading agricultural export commodities to expand employment opportunities in the agricultural sector.

Keywords: *Labor Absorption, Agricultural Sector, Agricultural GRDP, Agricultural Investment, Agricultural Exports, Panel Data.*