



CO₂ emissions per product by transportation

Starting the operation of an integrated delivery system in fiscal 2006, NOF has since been endeavoring for more efficient transportation. Additionally, NOF has also engaged in modal shifting* and joint delivery.

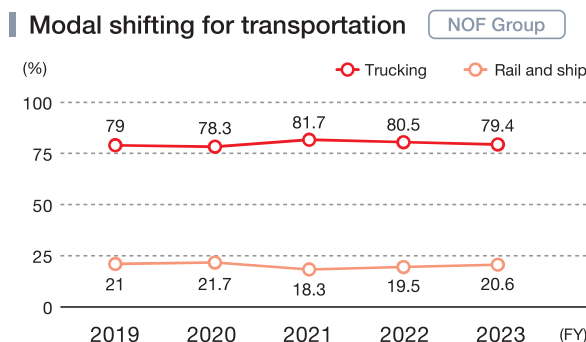
With regard to modal shifting, the percentage of rail or marine transport in the total volume of our product transport had been around 20.6%.

CO₂ emissions per product by transportation were reduced from 100 in fiscal 2006 to 44.0 in fiscal 2023.

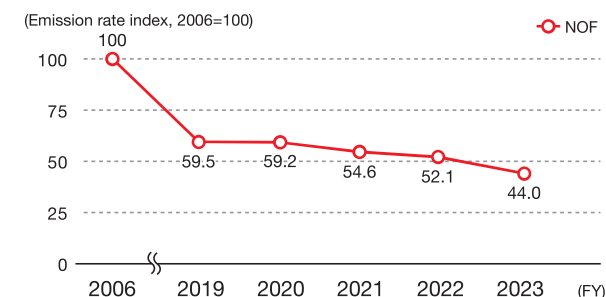


Modal shifting

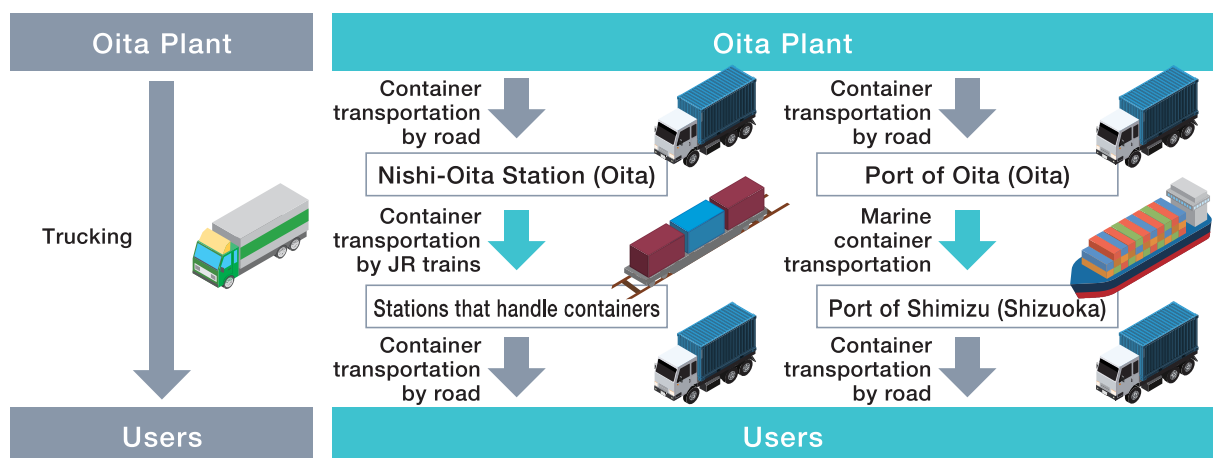
$$\text{CO}_2 \text{ emissions per product by transportation} = \frac{\sum (\text{CO}_2 \text{ emitted by each means of transport})}{\text{Net sales}}$$



CO₂ emissions per product related to transportation (NOF)



Oita Plant modal shifting scheme



*Enhancing the efficiency of transport and at the same time reducing energy consumption and environmental loads by shifting the mode of transport to large per-unit capacity means such as cargo trains and ships.