# Topic № 1

# IMPROVING ThE TECHNOLOGICAL PROCESS of passengers transportation

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The system of organization of passengers transport services is in the process of reorganization and doesn’t fit current requirements of management.

To determine the average [weighted](http://www.lingvo.ua/ru/Search/Translate/GlossaryItemExtraInfo?text=%d1%81%d1%80%d0%b5%d0%b4%d0%bd%d0%b5%d0%b2%d0%b7%d0%b2%d0%b5%d1%88%d0%b5%d0%bd%d0%bd%d1%8b%d0%b9&translation=average%20weighted&srcLang=ru&destLang=en) fares for the routes the following [dependence](http://www.lingvo.ua/ru/Search/Translate/GlossaryItemExtraInfo?text=%d0%b7%d0%b0%d0%b2%d0%b8%d1%81%d0%b8%d0%bc%d0%be%d1%81%d1%82%d1%8c&translation=dependence&srcLang=ru&destLang=en) was used:

(1)

where  - fare on - route, uah./km.;

 - capacity of transportation on -route, pas..;

 - quantity of routes.

Change volume of transportation is shown in Figure 1

Figure 1. Transportation volume change

**Literature**

1. I.S. Efremov, Teoriya gorodskix passawirskix perevozok [Text] / I. S. Efremov, V. М. Kobozev, В. А. Udin. – М.: Vush. shola, 1980. – 535 p.