

## Nikiski Fire MIH-CP Key Performance Indicators, Measures & Potential Cost Savings

The following data will be measured as indicators of program success:

- Number of appropriate EMS Provider treatment in place with patient follow up.
- Number of ED transports by NFD within the program time period.
- Number of Covid-19 vaccinations and educational encounters.
- Patient and provider feedback and survey.

✚ Nikiski Fire Department transports about 450 Patients a year to the emergency room. About 30% (135) of these Patients are considered as Basic Life Support (BLS) level care. The table below shows potential cost savings for the NFSA members per month in healthcare cost utilizing in house treat in place.

Average Cost of BLS Transport	Average Cost of ER visit	Average Cost of Clinic visit	Potential Total Cost Savings/year
$\$720/\text{Transport} \times 135$ = <b>\$97,200.00</b>	$\$2070/\text{visit} \times 135$ = <b>\$279,450.00</b>	$\$150 \times 135$ = <b>\$20,250.00</b>	Treat in place = <b>\$376,650.00</b> Transport to Clinic = <b>\$356,400.00</b>

✚ Another goal of the MIH-CP program is to work with in home healthcare providers and Patients to prevent hospital re-admissions. The table below shows potential cost savings for NFSA members if through education and continuous follow-up, 2 Advanced Life Support (ALS) transports per month out of the 37.5 average transports is prevented from being transported by ALS to the hospital for admission to treat chronic medical issues such as COPD, Diabetes, CHF, etc...

Average Cost of ALS Transport	Average Cost of Hospital Admission	Potential Total Cost Savings/year
$\$990/\text{Transport} \times 24/\text{yr}$ = <b>\$23,760</b>	$\$42,000/\text{admission} \times 24 =$ <b>\$1,008,000</b>	<b>\$1,031,760</b>