

NORTH CAROLINA PUBLIC TRANSPORTATION ASSOCIATION

2016 SYSTEM SAFETY SCORES

Fixed Route (Under 1,000,000 Miles)

Concord Kannapolis Area Transit	0.0000000000
C-TRAN	0.0000000000
Goldsboro Wayne Transportation Authority	0.0000050840
Chapel Hill Transit	0.0000053438

Fixed Route (1,000,000 Miles and Over)

Fayetteville Area System of Transit	0.0000000000
GoRaleigh	0.0000010423
Charlotte Area Transit System	0.0000023706
Cape Fear Public Transportation Authority	0.0000031509
GoDurham	0.0000052179

Urban Dial-a-Ride (Under 750,000 Miles)

Fayetteville Area System of Transit	0.0000000000
GoTriangle T-Lynx	0.0000000000
C-TRAN	0.0000013760
Chapel Hill Transit	0.0000021653
Cape Fear Public Transportation Authority	0.0000085935

Community Transportation (Under 500,000 Miles)

Lincoln County Transportation	0.0000000000
Moore County Transportation	0.0000000000
SCUSA	0.0000000000
Brunswick Transit System	0.0000006622
Mitchel County	0.0000011874
PAS-TRAN	0.0000031466
Goldsboro Wayne Transportation Authority	0.0000182592

Community Transportation (500,000 Miles and Over)

Johnston County Area Transit System	0.0000046694
Charlotte Area Transit System	0.0000068688

2016 SYSTEM SAFETY SCORING METHODOLOGY

The lower the score - the higher the safety

At fault accidents, incidents, or safety offenses >\$500  
divided by total miles and then multiplied by a 40% weight factor = Number

At fault accidents, incidents, or safety offenses <\$500  
divided by total miles and then multiplied by a 30% weight factor = Number

At fault accidents, incidents, or safety offenses with passenger injury  
divided by passenger boardings and then multiplied by a 30%  
weight factor = Number

Initial Total Number

At fault accidents, incidents, or safety offenses >\$25,000  
multiplied by .25 penalty factor = X Number

Initial Total multiplied by penalty factor number = Final Total Number