

IDAHO EMS DEDICATED GRANT PROGRAM

The Emergency Medical Services Fund III is derived from a portion of fees collected for drivers' licenses and began in 2001. It is used exclusively for the purpose of acquiring vehicles and equipment for use by emergency medical services personnel in the performance of their duties, which include highway safety and emergency response to motor vehicle accidents. Applicants must be a nonprofit or governmental entity currently licensed as an ambulance or nontransport service by the Idaho EMS Bureau.

The following information explains the scoring process for vehicles and equipment requested through the FY07 Dedicated Grant Program.

SCORING CRITERIA FOR AWARDING FUNDS FROM THE DEDICATED GRANT:

VEHICLES

<u>Vehicle weighting factors:</u>	<u>Maximum Points</u>
▪ Greater mileage of similar vehicle(s) in active use	15
▪ Greater age of vehicle being replaced	15
▪ Change in deployment ratio	15
▪ Smaller fleet size	10
▪ 4x4 frequency need	10
▪ Less tax levy revenue	10
▪ Prevalence of volunteers	10
▪ Local governmental endorsement	5
▪ Narrative of need and lack of funds	5
▪	

Two documents are used to gather information for determining awards, the Dedicated Grant Application and the current Agency Licensure Application. Each vehicle or equipment item requested is scored independently to arrive at a mathematical score. Greater weight is assigned to those conditions which indicate greater need as shown in the Vehicle weighting factors.

Where applicable, points awarded are set in comparison to the highest points for that category in each grant cycle. For example:

- Greater mileage of similar vehicle(s) in active use. The Maximum is set from the agency listing the largest number of miles on similar vehicles currently in use on their application in this grant cycle. (During the FY07 Grant cycle, this maximum number was 949,957 miles.)
- Greater age of vehicle being replaced. The Maximum is set from the agency replacing the oldest similar vehicle in this grant cycle. (During the FY07 Grant cycle, this maximum number was 28 years old.)
- Change in deployment ratio. This is used only when an agency is adding to their fleet. The formula is derived from the change in deployment by the addition of a new vehicle based on the square miles in the agency response area and the population. (In the FY07 Grant cycle, this base number was 0.02)

VEHICLES

Common Equations

Volunteer Pts: = [# Volunteers/ (# Volunteers + # of Career Staff)] * 10

Endorsement Pts: = [# of Endorsements/ (# of Cities + # of Counties)] * 5

Narrative Pts: = (Reviewer Score 1 ++ Reviewer Score 10) / # of Reviewers

Non Tax Income Percent = [Total Revenue - (Ambulance Tax + Hosp Tax + Fire Tax)] / Total Rev.

Fiscal Pts: = Non Tax Income Percent * 10

Note: if total revenue = 0, then fiscal pts = 0

Vehicle Points

Four by Four Pts --- Based on the value of Four Wheel Drive Request. (This information is a part of the grant application)

0 - 20% of calls requiring 4 wheel drive -- Four By Four pts = 2

21 - 40% of calls requiring 4 wheel drive -- Four By Four pts = 4

41 - 60% of calls requiring 4 wheel drive -- Four By Four pts = 6

61 - 80% of calls requiring 4 wheel drive -- Four By Four pts = 8

81 - 100% of calls requiring 4 wheel drive -- Four By Four pts = 10

Fleet Pts: = (1 / Total Vehicles) * 10

Age Pts: = [Similar Vehicle Age / MAX (similar vehicle age)] * 15 **(Applies only if 'Replacing' vehicle)**

Mileage Pts: = (total similar miles/MAX total similar miles) * 15

Vehicle DR Pts = [Net DR change / MAX (net DR change)] * 15



Net vehicle DR change = Change in Area vehicle DR + Change in Pop vehicle DR

Change in Area Vehicle DR = Post DR Area - Current DR Area

→Post DR area = # of similar vehicles post grant / Response Area

→Current DR area = # of similar vehicles pre grant / Response Area

Change in Pop Vehicle DR = Post DR Pop - Current DR Pop

→Post DR pop = # of similar vehicles post grant / [# of Residents + # of Migrants + (# of Tourists / 365)]

→Current DR pop = # of similar vehicle pre grant / [# of Residents + # of Migrants + (# of Tourists / 365)]

**Total Vehicle Pts: = Fleet Pts + Age Pts + 4X4 Pts + Volunteer Pts + Endorse Pts + Narrative Pts + Vehicle DR pts
+ Mileage Pts + Fiscal pts**

VEHICLE SCORING EXAMPLE:

	Calculation Name	Calculation Description	Points	Max Points
1	Endorsement Points	Endorsements/(Cities = Counties) * 5	5.00	
2	Fiscal Points	((Total Revenue – (Ambulance Tax + Hospital Tax + Fire Tax)) / Total Revenue) * 10	10.00	
3	Fleet Points	(1/ Total Vehicles) * 10	10.00	
4	Mileage Points	(Similar Mileage / Max of all similar Mileage) * 15	2.52	949,957.00
5	4x4 Points	(4x4 Requests * 2)	4.00	
6	Vehicle Age Points	(Similar Vehicle Age / Max of all Similar Vehicles) * 15	0.00	28.00
7	Narrative Points	(Narrative Total / Total Number of Reviewers)	3.00	
8	Vehicle DR Points	((Net DR Change / Max (Net DR Change)) * 15	6.91	0.01
9	Volunteer Points	(Volunteers Staff / Volunteers Staff + Career Staff) * 10	10.00	
	TOTAL POINTS		51.43	

	<u>Awarded Points</u>	<u>Potential Points</u>
1. Agency had no cities and 1 county. They submitted 1 endorsement.	5.00	5.00
2. Agency receives no Ambulance, Hospital or Fire Tax monies.	10.00	10.00
3. Agency has 1 vehicle already in fleet	10.00	10.00
4. Agency has 1 similar vehicle to that being requested with mileage of 159,476. The maximum similar mileage from all applications is 949,957 this year. (If more than 1 similar vehicle, each vehicle's mileage is added together.)	2.52	15.00
5. Agency reported 21 – 40% of calls needed 4x4.	4.00	10.00
6. Agency is not replacing vehicle but is adding to fleet.	0.00	15.00
7. Each agency's narrative is reviewed by members of Emergency Medical Services Advisory Committee Grant Subcommittee and averaged.	3.00	5.00
8. Agency will have 2 similar vehicles after the grant which is divided by the square miles in the agency's response area. Before the grant, there is 1 vehicle which is divided by the response area miles. Agency will have 2 similar vehicles after the grant which is divided by the total population (residents + migrants + tourists [after total number of tourists is divided by 365]). Before the grant, there is 1 vehicle which is divided by the total population. The differences of each of these equations, the <i>Change</i> , is divided by the maximum deployment ratio of all applications (0.01 this year). If the agency is replacing the vehicle, the deployment ratio will automatically be 0.	6.91	15.00
9. The agency's total volunteers (true volunteers plus compensated volunteers) is Divided by the total staff number which includes any career staff.	10.00	10.00
TOTAL	51.43	

VEHICLE SCORING EXAMPLE:

	Calculation Name	Calculation Description	Points	Max Points
1	Endorsement Points	Endorsements/(Cities = Counties) * 5	3.33	
2	Fiscal Points	((Total Revenue – (Ambulance Tax + Hospital Tax + Fire Tax)) / Total Revenue) * 10	10.00	
3	Fleet Points	(1/ Total Vehicles) * 10	5.00	
4	Mileage Points	(Similar Mileage / Max of all similar Mileage) * 15	1.92	949,957.00
5	4x4 Points	(4x4 Requests * 2)	6.00	
6	Vehicle Age Points	(Similar Vehicle Age / Max of all Similar Vehicles) * 15	8.57	28.00
7	Narrative Points	(Narrative Total / Total Number of Reviewers)	5.00	
8	Vehicle DR Points	((Net DR Change / Max (Net DR Change)) * 15	0.00	0.01
9	Volunteer Points	(Volunteers Staff / Volunteers Staff + Career Staff) * 10	10.00	
	TOTAL POINTS		49.82	

Awarded Points Potential Points

1. This agency has 1 city and 2 counties in the response area. Two endorsements were included with application.	3.33	5.00
2. This agency receives no ambulance, hospital, or fire tax monies.	10.00	10.00
3. This agency has 2 vehicles in their fleet.	5.00	10.00
4. The similar mileage of the two vehicles in the agency fleet is 121,734 The maximum similar mileage in all applications is 949,957 this year. (If more than 1 similar vehicle, each vehicle's mileage is added together)	1.92	15.00
5. Agency reported 41 – 60% of calls needed 4x4.	6.00	10.00
6. Agency is replacing one of their similar vehicles which is 16 years old. The oldest vehicle of all applications being replaced this year is 28 years old.	8.57	15.00
7. Each agency's narrative is reviewed by members of Emergency Medical Services Advisory Committee Grant Subcommittee and averaged.	5.00	5.00
8. Because the agency is not changing its fleet size, the deployment ratio does not change.	0.00	15.00
9. The agency's total volunteers (true volunteers plus compensated volunteers) is Divided by the total staff number which includes any career staff.	10.00	10.00
TOTAL	49.82	

EQUIPMENT

Equipment weighting factors:

	<u>Maximum Points</u>
• Anticipated use of item	15
• Duration of use per call	15
• Change in deployment ratio	15
• Less tax levy revenue	10
• Prevalence of volunteers	10
• Local governmental endorsement	5
• Narrative of need and lack of funds	5
• Age of each similar equipment replaced	5
• Less number of similar equipment	5
• Distance to similar equipment	2.5
• Time to similar equipment	2.5

Common Equations

Volunteer Pts: = [# Volunteers / (# Volunteers + # of Career Staff)] * 10

Endorsement Pts: = [# of Endorsements / (# of Cities + # of Counties)] * 5

Narrative Pts: = (Reviewer Score 1 + + Reviewer Score 10) / # of Reviewers

Non Tax Income Percent = [Total Revenue - (Ambulance Tax + Hosp Tax + Fire Tax)] / Total Rev.

Fiscal Pts: = Non Tax Income Percent * 10

Note: if total revenue = 0, then fiscal pts = 0

Equipment Equations

Equip Use Pts: = (Anticipated Use # / Call Volume) * 15

Equip Duration Pts: = [Time Per Use / MAX (time per use)] * 15

Equip Pts: = [1 / (# Similar Items + 1)] * 5

Equip Age Pts: = [Similar Item Age / MAX (similar item age)] * 5 **(Applies only if 'Replacing')**

Equip Dist Pts: = [Similar Equip Access Dist / MAX (similar equip access dist)] * 2.5 (Distance = miles)

Equip Time Pts: = [Similar Equip Access Time / MAX (similar equip access time)] * 2.5 (Time = minutes)

Equip App Pts: = [(Equip Pts + Equip Age Pts + Equip Dist Pts + Equip Time Pts) / MAX (equip app pts)] * 15

Equip DR Pts = [Net DR change / MAX (net DR change)] * 15



Net equip DR change = Change In Area equip DR + Change in Pop equip DR

Change in Area equip DR = Post DR Area - Current DR Area

→ Post DR area = # of similar items post grant / Response Area

→ Current DR area = # of similar items pre grant / Response Area

Change in Pop equip DR = Post DR pop - Current DR pop

→ Post DR pop = # of similar items post grant / [# of Residents + # of Migrants + (# of Tourists / 365)]

→ Current DR pop = # similar items pre grant / [# of Residents + # of Migrants + (# of Tourists / 365)]

Total Equip Pts: = Equip use pts + equip duration pts + equip app pts + equip DR pts + Volunteer pts + Endorsement pts + Narrative Pts + Fiscal Pts