

Public Survey Hot Sheet
(last updated 11/19/05 MV)

"Training and equipping volunteers to provide early defibrillation with an AED [in public places] doubled the number of survivors to hospital discharge after out-of-hospital cardiac arrest"

***Hallstrom AP, Ornato JP, Weisfeldt M, et al: "Public-access defibrillation and survival after out-of-hospital cardiac arrest." New England Journal of Medicine. 351:637-646, 2004).

"Bystanders performing CPR and using automated external defibrillators save as many cardiac-arrest victims as highly trained paramedics-and send more of them home with normal brain function."

***Robert Davis, USA Today Aug. 12 "CPR, defibrillators as effective as paramedics, studies say."

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- A survey was distributed to teachers in an urban public school district, elementary, middle and high schools found that 83% believed a patient would survive if CPR.
 - 92.6% believed a patient would survive if CPR and AED use occurred until an ambulance arrived.
 - Those who had ever been trained were much more likely to attempt CPR than those not trained (71% vs. 23%).
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- While knowledge of services is strong, there is a gap in knowledge about who operates and/or funds ambulance services.
 - A full three in 10 simply do not know which level of government is involved.
 - 61% of general public feel there should be an increase in the percent of the total funding provided by government.
 - 11% said there should be an increase in the percent of the total provided by individual user fees.
 - Fully 88% of patients surveyed lived in homes with total incomes under \$50,000 per year.
 - While there was some difference between those with and without first aid and CPR training (83% vs. 78%), and whether the person was known to them or a stranger (97% vs. 89%), the majority (at least 78%) said that they would intervene in a medical emergency.

***NORTHSTAR Research Partners conducted telephone interviews with 450 Toronto residents who were selected at random.

***They also interviewed 200 patients who had recently used emergency medical services, 200 people who had called 911 and 100 facility staff who had booked non-emergency transfer services.

***The margin of error for the survey results (at the 95% confidence level) ranges from +/- 4.6 for the general population survey to +/- 6.9 for ambulance patients and 911 callers and +/- 9.8 for facility staff.

Public attitude survey in Toronto.

***Conducted in late 1999.

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- A study conducted by researchers at The University of Texas School of Public Health at Houston suggests black men and women are often left out of programs that teach life-saving techniques such as cardiopulmonary resuscitation (CPR) and automated external defibrillation training, even though recent reports show the highest rate of sudden cardiac deaths in black communities.
 - The inquiry also found only 18 percent of men and 28 percent of women in the study had ever taken a CPR class. Most of the men were in their mid-thirties when they participated in CPR training, while women had been trained in their mid-forties.
 - Only 30 percent of all of the participants knew whom to contact to get CPR training.

***The American Heart Association funded the study.

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- 80% of schools felt that CPR training is best provided in school settings.
 - To increase CPR training, the single best strategies suggested were: increase funding, provide time in the curriculum, have more certified instructors, and make CPR student training a requirement.

***Sponsored by School of Public Health and Community Medicine, University of Washington, Seattle, WA, USA and Department of Pediatrics, University of Washington School of Medicine, and Children's Hospital and Regional Medical Center, Seattle, WA, USA.

***Statewide survey of all 310 public high schools in Washington State.

Have you ever had training on CPR?

65% YES

36% NO

How confident are you that you could perform CPR successfully in a medical emergency?

43% Very confident

45% Somewhat confident

8% Not too confident

3% Not at all confident

* Don't know

***Survey by CNN, USA Today, conducted by Gallup Organization, Feb. 24-26, 2003, and based on telephone interviews with a national adult sample of 1,003