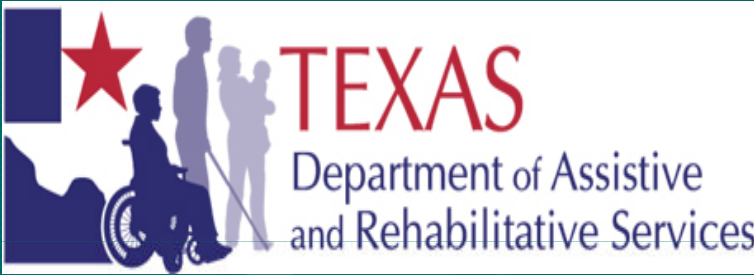


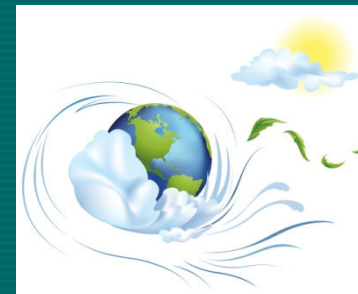
HHS Clean Air Partnership Best Practices







- Information is shared among HHS agencies about clean air activities.
(For example – employee broadcasts, posters, and newsletter articles).
- On-site cafeterias to encourage employees to stay for lunch.
- Participate in single-stream recycling (paper, aluminum and plastics); some facilities also recycle batteries and cell phones.



- Clean Air Force representatives attend annual agency-sponsored Wellness Fairs.
- Encourage staff to sign up for the HHS carpool registry.
- Also, publish related articles for various events. For example -- the Capital Metro Rail Open House and other current events.



Plan to promote various Clean Air initiatives for the upcoming ozone season:

- Suggest other transit alternatives such as bicycling or walking.
- Promote Capital Metro vanpooling.
- Offer flexible work schedules; recently completed a pilot program for telecommuting.
- Offer a compressed work week (e.g. four-10 hour days).



HHS Enterprise Fleet Management Office

- Contain fleet size
- Purchase vehicles that are flex-fueled
- Consider hybrid vehicles for staff pool vehicles
- Monitor vehicle maintenance
- Use recycled engine oil and other fluids as appropriate
- Promote 5-minute idle limit restrictions
- Encourage carpool for staff traveling to same location
- Seek grant funding to update or develop fueling infrastructure for sustainable fuels (e.g. propane, ethanol and biodiesel)



- Purchased 7 new Toyota Prius with federal grants.
- Use low toxic ink and chemicals in the print shop.
- Purchase soy based inks and water miscible chemicals that have lowest affect on environment.

Inks typically fall in the Hazard Identification range:

- Health – 2
- Flammability – 1
- Reactivity – 1
- Personal Protection – B



Publication Examples



Keeping your car maintained good for you, good for the environment

Why is Emissions Testing Needed?

- Reductions in vehicle emissions are essential to achieve clean air
- A vehicles pollution control system removes smog-forming pollution from the tailpipe

What is on the Horizon?

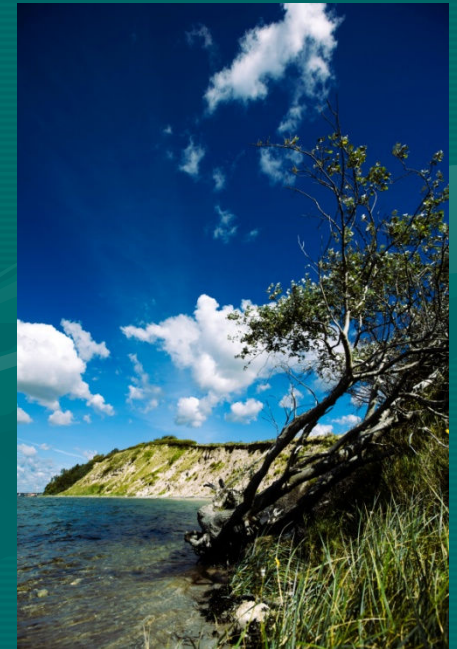
- New second generation on-board diagnostic (OBD) systems were added to cars in 1994 using the vehicle's on-board computer to monitor emissions devices
- By 2001, states began incorporating OBD system checks into the emissions test process

Ozone Season Right Around the Corner

April Fool's Day to Halloween, we experience our highest levels of ozone, levels soar in August and September.

Top 10 Things You Can Do

10. Share a ride to work or school.
9. Avoid morning rush-hour traffic.
8. Walk or ride a bicycle.
7. Take your lunch to work or school.
6. Combine errands into one trip.
5. Avoid drive-through lanes.
4. Postpone refueling until after 6 p.m.
3. Don't top off your gas tank when refueling.
2. Postpone using gas engines/lawnmowers until after 6 p.m.
1. Keep your vehicle properly tuned to keep exhaust levels low.



Car Pool Registry Can Help Drivers, Riders Save Money

- To save money on gasoline, conserve resources and protect the environment or just not travel alone, car pooling may be the answer for you.
- The registry is administered by DADS but open to employees of all five agencies.
- The Car Pool Registry website includes tips for successful carpooling and offers links to public transportation resources for information about bus routes and van pools.

Clean Indoor/Outdoor Air Quiz

1. Children inhale 20% more air per pound of body weight than adults. T/F
 - False – 50%
2. How many Americans have asthma? a. 10M b. 15M c. 20M d.25M
 - b. 15 M
3. Indoor air contaminants cause/aggravate half of all illness. True or False
 - True – Study by state of Massachusetts
4. Trees are a bigger source of pollen than flowers. True or False
 - True
5. How many dust mites are there in one ounce of dust?
 - 40,000

Clean Indoor/Outdoor Air Quiz

6. Exposure to indoor air pollutants decreased recently. True or False
 - False – increased – more synthetic fibers
7. How many millions of Americans suffer from allergies?
 - 28M
8. What percentage of new houses suffer indoor air problems?
 - 30% - World Health Organization
9. How many compounds does tobacco smoke contain?
 - 4000 strong irritants
10. How many pounds of dust does a 1500 sq. ft home generate in a year?
 - 40 pounds

Clean Indoor/Outdoor Air Quiz

11. Indoor levels of many pollutants can occasionally be how many times higher than outdoor air?
 - 25 times – EPA study
12. Which of these household activities does not spread indoor pollutants? Cooking, cleaning, reading, smoking
 - Reading
13. In the last 30 years, the number of people with asthma has gone up by what %?
 - 60%
14. Allergy sufferers should try to live in a house built after 1979? True or False
 - False – tighter insulation that traps smoke
15. Indoor air is how many times more polluted than outdoor air?
 - 4 to 5 times

Thanks for listening!

