

Peak Oil Preparations Summary

Transportation	
P e r s o n a l	<ul style="list-style-type: none"> • Use public transportation wherever/whenever available, ride a bike, or walk. • Downsize your family to <u>one</u> fuel-efficient vehicle; carpool, bike and rideshare. • If you need to trade to a more fuel-efficient vehicle, seriously consider a plug-in hybrid, gas hybrid, EV, flex-fuel vehicles, or a vehicle with an engine size of less than 2.0 liters. Excluding EV's and hybrids, diesel offers the highest mileage per gallon. • If you <i>must</i> drive, schedule the trip to avoid heavy traffic and congestion. • Plan errands so you aren't hauling a 2-ton machine with you every time you just want a gallon of milk or "something quick for dinner", or need to run a single errand. • Purchase goods from a close source rather than driving cross-town to a "favorite". • Slow down. You achieve far better gas mileage at 50mph than you do at 65mph. • Discover the "walkability" of your neighborhood → http://www.walkscore.com/. If your score is under "50", consider moving. Start walking to handle local errands. • Know the fuel cost per mile (fcpm) to operate your vehicle. At the start of each errand or trip, mentally calculate the fuel cost (\$\$) for that trip. For example, if it costs \$35.00 for 10 gallons of gas (\$3.50/gal.) and 10 gallons takes you approximately 250 miles (25 mpg), then fcpm is 14¢ per mile on average. To calculate trip cost, use the formula "trip miles x fcpm = trip cost" [ex. 18miles x 14¢ = \$2.52]. Promotes visibility. • Work closer to home or move closer to work. • Commit to using public transportation or a car pool to work and back at least one day per week (will reduce commuting fuel use by 20% per week.) • Request permission at work to telecommute from home at least one day per week (will save you another 20% in commuting fuel use per week.) • Request a ten-hour, four-day workweek instead of eight-hour, five-day workweek (will save an additional 20% in commuting fuel use per week.) • Purchase a good bicycle for every member of your family, including safety gear. • Insist that children, from the age of 10, ride their bike to school.
N e i g h b o r h o o d	<ul style="list-style-type: none"> • Get to know your neighbors. Be prepared to work together on transportation issues for your neighborhood. • Know your local bus route schedule and transit center options • Canvas neighbors to see what transportation resources they use and encourage neighbors to make appropriate choices. Become an activist in your neighborhood on the subject of reducing fossil fuel use. • Organize bulk purchases of staples like sugar, flour, grains, (i.e., through a food co-op) • Plan a carpooling coop for your neighborhood. Find out where your neighbors work and shop and coordinate car sharing between them. • Investigate a car coop for your neighborhood – share a car amongst several families. • Lobby for bike and pedestrian paths and sidewalks into and through your neighborhood to shopping, schools, and public transit areas. • Investigate purchasing a "Neighborhood electric Vehicle" (NEV). These electric cars have a range of about 30 miles at speeds up to 35mph. See www.mcev.com.

C o m m u n i t y	<ul style="list-style-type: none"> • Become an activist on the subject of peak oil so that your community will understand what you are doing and why, and why it is important to the future of the community. • Write or call your community leaders and lobby to encourage heavy spending now on increased/improved public transport (preferably electricity-based), more bike and pedestrian paths and trails, and a walkable community. • Support and encourage localized, neighborhood shopping versus big box centers. • Purchase/utilize locally produced products and services (w/in a 100 mile radius → to conserve fuel and keep your dollars circulating within your community. Support localization. • Lobby your community leaders to reduce spending for more roads, urban sprawl and inefficient infrastructures, or policies that encourage or require long-distance consumption. Encourage community leaders to consider the long-term fuel requirements of developments. • Identify wasteful behavior and be courageous enough to speak up about it • Think about everything you do in relation to how your life will be affected in a world with substantially reduced fuel supplies. • Lead by example → become the change.
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- 80-95% of all transport is currently fueled by petroleum products
- 65+% of all oil used in the USA is for transportation
- Currently there are approximately 900 million internal combustion engines in the USA
- Turnover in automobile technology takes ~12-15 years (phase out of old technology)
- It is unlikely that the average person will use an oil-powered personal vehicle within fifteen years

Web Resources

EV WORLD	http://www.evworld.com
COMMUNITY SOLUTION	http://www.communitysolution.org/transport.html
WALKABLE CITIES	http://www.walkscore.com
TRI-MET	http://www.trimet-org
TRI-MET ALTERNATIVE PROGRAMS	http://www.co.washington.or.us/deptmts/aging/transprt.htm
CAR POOL CONNECT	http://www.carpoolconnect.com/
CAR POOL MATCH	http://www.carpoolmatchnw.org/
COMMUTE COST CALCULATOR	http://www.carpoolmatchnw.org/commutebasic.asp
METRO VANPOOL	http://www.metro-region.org/index.cfm/go/by.web/id=23776
DRIVE LESS SAVE MORE	http://www.driveless.savemore.com/travel/
OREGON GAS PRICES	http://www.oregongasprices.com/
GREEN FLEET	http://www.sustainableoregon.net/toolkit/green_fleet.cfm
BIOFUELS STATIONS	http://www.sqbiofuels.com/gmap-portland.html
WASHINGTON COUNTY BIKE MAP	http://www.co.washington.mn.us/client_files/documents/pkp/PKP-Bike.pdf

Commute Reduction Programs

- **Tri-Met Passes:** Many companies support employees who help reduce traffic congestion, reduce air pollution and conserve fuel by riding mass transit, and may subsidize monthly passes.
- **Carpool:** Many companies set aside parking spots for car pool participants.
- **Telecommuting:** Working from home is endorsed and encouraged when appropriate by many companies.
- **Bikers:** Companies and businesses provide bike racks, (and even shower facilities to employees) for those who bicycle.
- **Alternate start times:** Many employees start and end their workday at alternate times, spreading out the impact of vehicles on the roads.