

**Summary of EAC Control Measures and Schedule for Adoption and Implementation
March 31, 2004 Milestone**

NOTE: This summary of control measures for early action compact areas is based on information included in the local early action plans and supporting documentation, as submitted by these areas on or before March 31, 2004. The summary also includes additional measures submitted by the Chattanooga, TN EAC (see 69 FR 34080, June 18, 2004).

EAC ID	EAC Area / County	Control Measure	Agency/ Location	Adoption Date	Implement Date	VOC Reduction (TPD)	NOx Reduction (TPD)	Methodology	Funding Level	2012 Growth Plan
3 Washington Co., MD										
		Ride sharing/commuter connections	MWCOG &MTA	3/16/2004	on going	0.33 kg/d	0.31 kg/d	provided	unclear -	incomplete
		Transit programs	Washington Co		on going	7.4	6.4	provided	many	
		Park and Ride lots	MDOT		on going	1.8	1.8	provided	measures	
		Telecommuting	State/Fed gov; MWCOG		on going	3.1	3.3	provided	are	
		Ozone action days	MDE; Wash Co		by 7/05				ongoing	
		Public education outreach	MDE; Wash Co		on going					
		E-gov/e-commerce enhancement	Washington Co; MVA		on going	1.6	0.3	provided		
		New jobs tax credit	Washington Co		on going	1.6	1.9	provided		
		Growth management program	Washington Co		on going	13.2	15.4	provided		
		Signal system enhancements	SHA		9/03;FY04	10.2	3.1	provided		
		Incident mgt/Intell trans. System	MDOT-CHART		on going;by 2007	37.5	17	provided		
		On-road vehicle replacement	SHA		2003-07	5.5	31.2	provided		
		OTC- consumer products	MDE		on going	109	0	provided		
		OTC-architectural and ind main	MDE		on going	92	0	provided		
		OTC-portable fuel containers	MDE		on going	54	0	provided		
		OTC-low emissions paint	MDOT-SHA		on going	26	0	provided		
		off-road vehicle replacements	Washington Co		2-2002;1-2004					
27 Northern Shenandoah Valley, VA										
		Ozone action days/public awareness	Win/Fred co	Win-1/27/04	2004	1.1	1.1		75,000- now;70,000 /yr	Phase 2 strategies
		VMT Reduction programs	Win/Fred co	Fred Co- 11/12/03	2004	0.38	0.28			
		Open burning restrictions	Win/Fred co		2004	0.004	0.002			
		Engine idling restrictions -truck;school bus	Win/Fred co		2005	0.005	0.15			

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		School bus/heavy duty diesel retrofit	Win/Fred co		2005(phase in)	0.04	0.08		475,000-DEQ	
		Voluntary industrial reductions	Win/Fred co		2004(phase in)	0.34	0.04			
31 Roanoke area, VA										
		heavy duty diesel strategies		2/19/2004	no later than 12/31/05					contingency measures
		Reduce locomotive idling	Roanoke city		Completed	TBD	TBD			
		Limit idling-school buses	entire area		ASAP		0.7 TPY	provided		
		Retrofit 100 school buses- oxid catalyst	Roanoke Co		1-Jul	0.3 TPY	NA	VDEQ		
		Bio-diesel solid waste trucks	Roanoke city		2003-2007		0.27 TPY	provided		
		Ethanol alternative fuel vehicles	Roanoke city		2003-2007	TBD	TBD			
		Biodiesel ready trucks	Roanoke city		2003-2007	TBD	TBD			
		Hybrid vehicles	Roanoke city		2003-2007	TBD	TBD			
		Alternative fuel vehicles	Roanoke county		2004	TBD	TBD			
		Implement effective environmental driving	County		on going	TBD	TBD			
		Public education: Air Quality Action Day	both		2003-2007	can't be det	can't be det			
		Timing of refueling vehicles	both-voluntary; gov-mandatory		2004					
		Promote alternative fuel vehicles	both-voluntary; gov-mandatory		2004	can't be det	can't be det			
		Media/public relations program	both		2005	can't be det	can't be det			
		Public transit incentives	both		2005-2007	can't be det	can't be det			
		Encourage bike use and expanding bike infrastructure	entire area		begin 2005	TBD	TBD			
		Expand public education program	entire area		begin 2005	can't be det	can't be det			
		Tree planting program	entire area	April 21,2003	begin 2005	TBD	TBD	provided		
		Mass transit to Blacksburg	Roanoke region		4/04-6/06	1	1.5	not provided	950,000	
		Lawn & garden equipmen: Replace gas golf carts w/electric	entire area- voluntary		end of 2005	Pot- 8.3 TPY		not provided		
		Replace gas mowers w/electric	entire area- voluntary		2004/2005	0.2		not provided		
		Open burning ban -expanded	Roanoke region			0.56	0.24	not provided		
		Restrict lawn equipment usage during ozone action days	entire area- voluntary;mandato ry-gov		2004	TBD	TBD			
36 Eastern Panhandle, WV										

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		Ozone action day program	Berkeley/Jefferson cos	25-Mar-04	7/1/2004	0.32	0.09	studies		Contingency
		Public awareness program	same as above;Martinsburg		7/1/2004	0.72	0.88	studies		measures
		Bicycle/pedestrian measures	same as above		9/1/2005	0.2	0.12	Hagler Bailey report		beyond
		Reduce engine idling	same as above		7/1/2005	0.01	0.17	CARB		12/31/2007
		School bus engine retrofit	same as above		7/1/2004	0.001	0.02	CARB	Env Mitigation project	
		Voluntary -ground freight industry	Berkeley/Jefferson cos		7/1/2005	0.07	0.84	Vendors		
		Open burning-increase compliance	same as above		7/1/2004	0.0054	0.005			
5 Fayetteville, NC										
		Landscape ordinance - noresid	Cumberland co; Fay		1-Dec	NA`	NA			
		Smart growth audit	same as above		Dec-05	---	NA			
		Pedestrian trails	same as above		Dec-05		NA			
		Brownfield development	same as above		ongoing		NA			
		Shared parking facilities	same as above		Dec-05		NA			
		Green space inventory	same as above		Mar-04		NA			
		185 vehicle converted to biodiesel	Fort Bragg		Dec-05	0.005	0.003	CACPS		
		Electrical outlets- reduce truck idling	Fayetteville		Oct-05		NA			
		Retrofit school buses	Fort Bragg		summer 2004		NA			
		Using ITS and dynamic message	Cumberland co; Fay		year 2004		NA			
		Enhance mass transit	Fayetteville; Fort Bragg		Dec-05	0.25	0.008	CACPS		
		Develop database-carpool	Fayetteville		Dec-04		NA			
		Increase rural paratransit	Falcon, Godwin, Stedman		Dec-04		NA			
		Encourage Park and Ride for events	Fayetteville; Fort Bragg		ongoing					
		Use landfill gas; support NC Green Power	Cumberland co		ongoing; spring 2004		0.014	AP-42		
		Energy efficient buildings	Cumberland co; Fay		ongoing		NA			
		Energy reduction - LNB; water based paints	Fort Bragg		ongoing	NA`	NA			
		Student outreach	Cumberland co; Fay		ongoing		NA			
		Public education outreach	same as above		ongoing		NA			

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		Speakers bureau	same as above		ongoing		NA			
		Air quality web page	Cumberland co		ongoing		NA			
		Promote bus youth riders	Fayetteville		ongoing		NA			
		Education - libraries	Cumberland co		ongoing		NA			
		Open burning ban -ozone action days	Statewide		Jun-04		NA			
6 Mountain area of western NC										
		Open burning ban -ozone action days	Statewide	Mar-04	Jun-04					
7 Triad- NC										
		Open burning ban -ozone action days	Statewide	Mar-04	Jun-04					
		Purchase newer,less polluting vehicles	11 county		Jan-04	1.1 TPY	0.9 TPY	CACPS		
		Convert to biodiesel for all vehicles	Greensboro		Spring 2003					
		Contract incentives for low emission vehicles	11 county		possible					
		Tax to support PART regional work program	Guilford, Forsyth cos		2003				2.5 million in 2003	
		Add 20 Park and Ride lots	Guilford, Forsyth cos		2004-2007	1.6 TPY	3.2 TPY	DOT	Funds on hand	
		Add 5 vans/yr to ridesharing	Guilford, Forsyth cos		Jan-04	0.7 TPY	0.7 TPY	CACPS		
		Increase ridership on regional bus service	Guilford, Forsyth cos		ongoing	8.9 TPY	7.3 TPY	CACPS		
		Expand carpooling - PART	Guilford, Forsyth cos		Jan-04	23.2 TPY	19 TPY	CACPS		
		RJ Reynolds-Tobaccoville-eliminate use of coal fired boilers during ozone season	Forsyth co		2004		5.5	provided		
		Energizer-reduce vehicle fleet;90% of forklifts-battery	Randolph co		Jun-04					
		Duke-reduce mobile reading-56 trucks	11 counties		2003					
		Duke-idling reduction guidelines	11 counties		summer 2004					
		Diesel retrofits-50-100school buses	Guilford co		2004	17 TPY	23 TPY	provided	100,000 awarded	
		Diesel retrofits-other vehicles	11 counties		TBD	7.0 TPY	10 TPY	EPA		
		No idling-all school buses	Guilford co		2003					
		Energy efficient public buildings	Guilford; Randolph cos.							

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		Flex, compress work schedule;telecommuting	11 counties		ongoing	189 TPY	155 TPY			
		ITS	Winston Salem-Greensboro		ongoing					
		Encourage non-motorized transportation	11 counties		ongoing	279 TPY	229 TPY			
		Smart growth policies	11 counties		ongoing					
8 Unifour Area, NC										
		Open burning ban-ozone action days	statewide	Jun-04	???	TBD	TBD			
		Local gov's join NC Air Awareness Program	All areas	Feb-04	2003 ongoing					
		Enhanced awareness; outreach;educate	All areas	Feb-04	2003/ ongoing					
		Energy conservation plan	All areas	Feb-04	2005					
		Staff person-air quality contact	All areas	Feb-04	2003/ongoing					
		Adopt local clean air policy	All areas	Feb-04	2003/ongoing					
		Landscape/tree ordinances	All areas	Feb-04	2003/ 2005					
		Implement Smart Growth	All areas	Feb-04	2003/ 2005					
		Encourage bicycle and pedestrian usage	All areas	Feb-04	2003/ 2005					
		Support coordination of planning organizations	All areas	Feb-04	2003					
		Encourage compressed/felixible work	All areas	Feb-04	2004					
		Expand transit and ridesharing	All areas	Feb-04	2004					
		More efficient trafficking systems	All areas	Feb-04	2004					
11 South Carolina State Meassures										
		Ozone forecast/outreach,education	4 EAC areas-upstate,							
			Central Midlands, Pee Dee,							
			Central Savannah River,							
		Open Burning	Statewide	Jun-04	2005					
		SC NOx Control Reg - new sources	Statewide	Jun-04	2005					
		Assist local areas in detereming emission reductions	Statewide							
		Clean Air Initaiatives for Gov Entities	Statewide		Apr-05					
		Smart highways	Statewide		2005					

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		NOx reduction-large facilities	Statewide		Apr-05		12,500 TPY	not provided		
11 Appalachian, SC										
		Develop stakeholder group-reg development	Anderson, Greenville, Spartanburg cos	Under consid	ongoing		7,200 TPY	not provided		
		Ozone Action coordinator	same as above	UC	Mar-03	NA	NA			
		Low S fuels - asap	same as above	UC	ongoing					
		ITS-design and implement	same as above	UC	2003/ ongoing					
		Encourage use of hybrid vehicles	same as above	UC	2004-2005					
		School buses-higher efficiency engines	same as above	UC	ASAP					
		Promote bike paths	same as above	UC	2004					
		Park&Ride to plants	same as above	UC	2004					
		Downtown shuttles;rapid transit bus	same as above	UC	2004					
		Free or reduced public trans fares- ozone action days	same as above	UC	2004					
		Integrate transportation planning with land use planning	same as above	UC	2004					
		Review&update air emission inventory	same as above		Fall 2003					
		Seek reductions from major sources	same as above	UC	2005		500-1,000TPY	not provided		
		Develop program to purchase or repair smoking vehicles	same as above		2005				use funds from license plate sales	
		Ban open burning of on-site commercial	same as above		2004					
		Incentives for purchasing high efficiency, low emissions vehicles	same as above		2005					
		Land use/transportation planning	same as above		2004					
		Encourage use of green power;capture landfill emissions	same as above		2004					
		Promote route efficiency for delivery vehicles,garbage	same as above		2004					
		Encourage alternate work schedules	same as above		2004					
		Establish Park and Ride lots	same as above		2004					
		Encourage carpooling;telecommuting			2004					
		Establish active public awareness	same as above		2004					
		Promote research in energy efficiency local universities	same as above		2005					
		Encourage use of alternate fuels	same as above		ongoing					

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		Evaluate use of HOV on 3 interstates	same as above		2005					
		Modify speed limits for optimum fuel efficiency	same as above		2005 or 2006					
		Develop process for minimizing impact of major building projects	same as above		2004					
		Encourage community schools	same as above							
13 Catawba, SC										
		Road improvements- intersections;sidewalks	York Co		2004-2012				174 million sales tax approved - 11/03	
		Peak hr bus service to Charlotte	York Co		2004-2006					
		Update development regulations	York Co		ongoing					
		Ban open burning during ozone action days	York Co		ongoing					
		Adopt long range transportation plan	York Co		2003-2025					
		Work with SEQL project	York Co		2004					
		Establish communtiy stakeholder group	Chester Co.		Nov-03					
		Establish outreach website	Chester Co.		Nov-03					
		Improve picnic area - promote eat-in	Chester Co.		May-05					
		Encourage co employees to carpool; walk to work	Chester Co.		May-05					
		Encourage co to buy recycled; energy efficient products	Chester Co.		May-04					
		Announce ozone action days on radio	Chester Co.		Apr-04					
		Encourage nature base tourism	Chester Co.		May-04					
		Ozone awareness booth -Festivals	Chester Co.		Oct-03					
		Partnership with SEQL	Chester Co.		Oct-03					
		Energy audit	Chester Co.		Aug-03					
		Plant 500 trees	Chester Co.		May-05					
		Provide more protection for trees	Chester Co.		May-05					
		Encourage carpooling, school bus	Chester Co.		May-04					
		Buy in bulk; less packaging	Chester Co.		May-05					
		Reusable dining materials	Chester Co.		May-05					
		EAP organization meeting	Lancaster Co		May-03					
		Ozone Action coordinator	Lancaster Co		Jul-03					
		Park and Ride lots- 20% of workforce	Lancaster Co		ongoing					
		Ozone -website	Lancaster Co		Jul-03					
		Public service announcements	Lancaster Co		Jul-03					
		Community meetings	Lancaster Co		Jul-03					

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		Alternate work schedules	Lancaster Co		Apr-04					
		Educate public	Lancaster Co		2003-2007					
		Improve recycling programs	Lancaster Co		ongoing					
		Alternative fuel for county fleets	Lancaster Co		ongoing					
		Educate cos to utilize emission control on heavy machinery	Lancaster Co		ongoing					
		Synchronize traffic lights	Lancaster Co		ongoing					
		Implement steps-purchase alternative fuel buses	Lancaster Co		ongoing					
		Implement bike/walk trails to shopping centers	Lancaster Co		ongoing					
		restrict lower grade students from driving to school	Lancaster Co		Aug-03					
		Control open burning	Lancaster Co		1-Aug					
		Identify Air Quality contact for ozone education	Lancaster Co		Mar-03					
		Identify Air Quality contact for ozone education	Union Co							

12 Berkeley-Charleston-Dorchester, SC

		Appoint Ozone Action Coordinator-	Charleston Co,		2003					
		Add ozone alert to county website	Charleston Co,		2003					
		Expand electronic transactions	Charleston Co,		ongoing					
		Develop,implement ozone public education plan	Charleston Co,		begin FY2004					
		Expand use of hybrid cars	Charleston Co,		FY 2005					
		Use right size - county fleet	Charleston Co,		FY 2005					
		Include fuel efficiency/emission ratings	Charleston Co,		FY2005					
		Purchase vehicles/light trucks to meet new standards	Charleston Co,		ongoing					
		Purchase heavy duty diesel trucks to meet new standards	Charleston Co,		ongoing					
		Convert to use of low-sulfur gasoline	Charleston Co,		ongoing					
		Consider pilot test for county fleets	Charleston Co,		FY 2005					
		Best practices for fueling	Charleston Co,		Fy 2004					
		Land use plan-develop mass transit	Charleston Co,		ongoing					
		limit emissions from counties small engines	Charleston Co,		over 5 yrs					
		Ask garages to limit idling	Charleston Co,		FY 2004					
		Energy conservation at co bldgs	Charleston Co,		FY 2004					

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		Expand flexible hrs-county employees	Charleston Co,		FY 2004					
		Encourage walking, biking, car pooling	Charleston Co,		FY 2005					
		Form regional stakeholders group	Charleston Co,		FY2004					
		Remain current w/stakeholders	Dorchester Co		ongoing					
		Support programs to reduce ozone for SCDOT	Dorchester Co		ongoing					
		Set the example-telcommuting;car pooling;flex schedules; alternate fuel vehicles	Dorchester Co		ongoing					
		Educational programs	Dorchester Co		TBD					
		Schools-addsidewalks, increase bus usage;restrict vehicle idle times	Dorchester Co		TBD					
		Ozone conditions-TV	Dorchester Co		May-04					
		Educate public - festivals, lecturer, brochure	Dorchester Co		TBD					
		Planning for future green spaces	Dorchester Co		ongoing					
		Cluster development, Smart Growth, mass transit	Dorchester Co		ongoing					
		Conserve energy in county property	Berkeley Co		Jun-03					
		Designate Ozone Action Coordinator	Berkeley Co		Mar-03					
		Zoning ordinance-landscape buffers	Berkeley Co		Sep-00					
		Implement Greenspace initiative	Berkeley Co		Sep-00					
		Encourage development of non-polluting industries	Berkeley Co		ongoing					
		Encourage recycling goods	Berkeley Co		ongoing					
		Increase focus-composting	Berkeley Co		ongoing					
		Install passive gas vents-landfill	Berkeley Co		prior to 2004					
		Purchase 2 alternative fuel vehicles for Sheriff Dept	Berkeley Co		Feb-04					
		Best mgt practices-engines	Berkeley Co		ongoing					
		Staggered work schedule	Berkeley Co		ongoing					
14 Central Midlands, SC										
		Air Quality Contact	Richland Co		Mar-03					
		Gas can exchange plan	Richland Co		Jun-04					
		Promote land-use planning to promote air quality	Richland Co		Jan-05					
		Participate in Clean Cities	Richland Co		Jul-03					
		Industry Advisory Panel	Richland Co		Summer-2004					

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		Purchase electric instead of golf carts	Richland Co		ongoing					
		Purchase 15 CNG vehicles	Richland Co		late 2004				Applied for Clean Cities grant	
		Educate public;increase media alerts	Richland Co		Jun-03					
		Speak to municipalities in Co.	Richland Co		Spring-2003					
		Flex/compress schedule- co employees	Richland Co		ongoing					
		Encourage carpooling	Richland Co		ongoing					
		Develop city and county energy plan	Richland Co		ongoing					
		Encourage mass transit	Richland Co		ongoing					
		Assign staff -air quality expert	Richland Co		ongoing					
		Encourage not overfilling fuel tank	Richland Co		Jun-03					
		Co employees-restrict mowing during ozone action days	Richland Co		ongoing					
		Land Devevelopment Code/Tree ordinances	Richland Co		Jan 2005/TBD					
		Reduce NOx, VOC emissions at Int Paper	Richland Co		ongoing					
		Reduce NOx emissions from SCE&G	Richland Co		ongoing					
16 Lower Savannah-Augusta, SC-GA										
		Air Quality Contact-ozone ed/outreach	Calhoun Co.		Mar-03					
		Delay/reschedule mowing on ozone action days	county government		Jul-03					
		Delay/reschedule landscaping activities on ozone action days	county government		Jul-03					
		Don't top off fuel tanks	county government		Jul-03					
		Turn off lights/computers	county government		Jul-03					
		Restrict painting-ozone action days	county government		Jul-03					
		Promote employee awareness of ozone issues	county government		Jul-03					
		Change work schedule	county government		Jul-03					

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		Air Quality Contact-ozone ed/outreach	Barnwell Co.		2003					
		Seek information on alternative fuels			TBD					
		Reduce idling especially during high ozone	county vehicles		2003					
		Stricter controls on illegal burning	County wide		2003					
		Replace vehicles with latest emission reduction facilities	county vehicles		TBD					
		Community education	county wide		2003/ongoing					
		Air Quality Contact-ozone ed/outreach	Bamberg Co.		Mar-03					
		Air Quality Contact-ozone ed/outreach	Allendale Co		Mar-03					
		Air Quality Contact-ozone ed/outreach	Aiken co.		Mar-03					
		Switch vehicles to bio-diesel	Aiken co.		2002					
		Low-sulfur Type II fuels in all vehicles	Aiken co.		Jul-03					
		Promote Early Action Plan	Aiken co.		Jul-03					
		Commuter Choice Program	Aiken co.		May-03					
		Install ITS equipment along major routes	Aiken co.		2007					
		Revise ordinances to promote bike/pedestrian	Aiken co.		Jun-03					
		Establish minimum tree planting requirements	Aiken co.		Jun-03					
		Ban or limit open burning	Aiken co.		implemented					
		Encourage carpool to lunch	Aiken co.		2003					
		Install workplace occupanmcy sensors -reduce energy	Aiken co.		2003-2004					
		Use reflective paint to reduce energy consumption	Aiken co.		2003-2004					
		Purchase Energy Star products	Aiken co.		2003					
		Air Quality Contact-ozone ed/outreach	Orangeburg Co.		Mar-03					
		Stakeholder development	Orangeburg Co.		Jun-03					
		Public education program	Orangeburg Co.		Jul-03					
		Purchase test alt fuel vehicles	Orangeburg Co.		Jun-04					
		Monitor/reduce engine idling	Orangeburg Co.		Jun-04					
		Open burning ban -ozone season	Richmond/Columbus, Cos; GA		May-05					
		Voluntary smog allerts			Jul-04					
		Stage I Vapor Recovery	Richmond Co		May-05					

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		Maintain vehicles at peak efficiency and replaced with more efficient	Richmond Co		ongoing					
		Reinforce prohibit idling when not in use	Richmond Co		ongoing					
		Promote use of alternative fuel vehicles	Richmond Co		Dec-04					
		Protect natural areas;minimize use of motorized vehicles;pesticides	Richmond Co		ongoing					
		Enforce existing Tree Ordinance-developments	Richmond Co		ongoing					
		Increase bike and pedestrian routes	Richmond Co		ongoing					
		Community education	Richmond Co		ongoing					
		Enforce existing open burning restrictionsTree Ordinance-developments	Richmond Co		ongoing					
		Support Long Range Transportation Plan	Richmond Co		ongoing					
		support initiatives-rural public transportation	Richmond Co		ongoing					
		Incorporate Early Action Plan-municipal plans	Richmond Co		ongoing					
21 Chattanooga, TN-GA										
		Stage 1 Vapor Recovery	Hamilton, Marion and Meigs cos	Mar-04	Mar-05	3.1				
		Restrict open burning-Ozone Action Days	Hamilton co		May-04	1.6	0.58			
		Anti-idling	Hamilton co			0.004	0.004			
		Increase bus ridership by 10 %	Hamilton co			0.004	0.003			
		Ozone Action Days Program	Hamilton, Marion and Meigs cos		May-04	0.19	0.14			
		Encourage use of cetane additive to diesel								
		New construction equipment	Hamilton, Marion and Meigs cos			0.009	0.062			
		Vehicle I/M program	Hamilton Co.		2005 ozone season	2 to 3	1 to 2			
		Accelerate adding lower emitting vehicles	Meigs Co.							
		Consider retrofitting existing vehicles	Meigs Co.							If funds available
		Student outreach	Meigs Co.							
		Support Air Quality Action Day	Meigs Co.							

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		Encourage Stage 1,II	Meigs Co.							
		Retrofit existing vehicles	Tennessee	Considering						
		Various outreach programs	Tennessee	Considering						
		Convert some diesel buses to cleaner fuels	?????							
		Stage 1 vapor recovery	Georgia			0.81		Not provided		
		Open burning ban-ozone season	Hamilton Co. & City of Chattanooga		2005 ozone season	1.61	0.58			
		Open burning ban-ozone season	Catoosa,Walker-Ga		2005 ozone season	1.53	0.46			
		Pursuing: Truck stop electrification	Catoosa,Walker-Ga							
		School bus retrofit	Same as above							
		Voluntary smog alerts	Same as above							
		New construction equipment	same as above			0.002	0.018			
		Anti-idling	Same as above			0.002	0.002			
		ozone action days - reduce VMT-1%	Same as above			0.052	0.04			
23 Knoxville, TN										
		Open burning ban-ozone action days	Knox, Anderson, Blount, Jefferson, Loudon, Sevier, Union Cos	Mar-04		7.26	1.91			
		New construction equipment	same as above			0.029	0.24			
		Support truck stop electrification	same as above	Mar-04		0.06	0.525			
		Increase bus ridership by 5 %	Knox co.			0.001	0.001			
		Participate -Air Quality Outreach and Action Day	All counties	Mar-04		0.395	0.304			
		trip reduction plans	Knox, Blount cos	Mar-04		0.15	0.11			
		Smart Trips program	Knox, Anderson Cos	Mar-04						
		Traffic signal synchronization/traffic flow	All counties			0.045	0.044			
		Vehicle inspection including diesel	Statewide							
		Stage 1 Vapor Recovery	Statewide							
		Anti-idling	Statewide							
		Eliminate vehicle emission control tampering	Statewide							
		Reduce speed limit to 55 for interstate trucks	Statewide							

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		Support RACT for >50 TPY	Statewide							
25 Nashville, TN										
		Traffic signal synchronization	Davidson, Rutherford, Sumner, Wilson, Williamson cos.	Mar-04	2004-2006				\$10 million committed	
		New infrastructure-rideshare program	Davidson, Rutherford, Sumner, Wilson, Williamson cos.	Mar-04	By 2007	0.01	0.0076	Detailed;Mobile6.2	\$11.3 million programmed	
		trip reduction plans	Davidson, Williamson cos.			0.068	0.053			
		Roadside assistance program	Davidson co			0.031	0.031			
		Reduce school bus idling	Davidson, Rutherford, Sumner, Wilson, Williamson cos.			0.038	0.018			
		Air Quality Outreach and Action Days	Davidson, Rutherford, Sumner, Wilson, Williamson cos.	Mar-04	2004-2006				760,000-programmed	
		Commuter rail line-Nashville-Lebanon	Davidson, Rutherford, Sumner, Wilson, Williamson cos.	Mar-04	2004-2007	0.062	0.032	Mobile6.2;detailed	\$1.2 million programmed	
		New pedestrian facilities;bikeways	Davidson, Rutherford, Sumner, Wilson, Williamson cos.	Mar-04	2004-2007	0.08	0.06	Detailed;Mobile6.2	\$8 million federal and state matching	
		HOV lanes - I-24,40	Davidson, Rutherford, Sumner, Wilson, Williamson cos.	Mar-04	2004-2007	0.021	0.017	Mobile6.2;detailed	Funding-programmed	
		Integrated land planning	Davidson, Rutherford, Sumner, Wilson, Williamson cos.	Mar-04						
		Recommended: Expanded I&M->8,500#	Statewide		2004-2006					
		Cetane additives to diesel fuel	Statewide		2004-2006	0	0.23	EPA/detailed		
		Ban open burning-ozone action days	Davidson co.		Mar-04					

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		Potential: Lower Reid vapor pressure-gasoline	Nashville EAC areas			3.4	0.18	Mobile6.2		
		Smoking vehicle ban	Nashville EAC areas			0.11	0.09	Detailed		
		Improve bus ridership	Nashville EAC areas			0.012	0.01	Mobile6.2;detailed		
		Reduce bus fares on ozone action days	Nashville EAC areas			0.12	0.1	Mobile6.2;detailed		
		Construction equipment	Nashville EAC areas			0.53	4.3	EPA's NONROAD model;detailed		
		New airport service vehicles	Nashville EAC areas			0.003	0.04	Same as above		
		Land use controls-reduce VMT	Nashville EAC areas			0.24	0.61	Detailed		
		AQAD measures	Nashville EAC areas			0.47	1.2			
24 Memphis, TN-AR-MS										
		Ozone Action Days-mandatory,voluntary measures	DeSoto Co. MS		2005					
		Purchase low emission vehicles	DeSoto Co. MS		Mar-05					
		Being considered: NOx and VOC RACT at major sources	DeSoto Co. MS							
		Stage 1 Vapor Recovery	DeSoto Co. MS							
		Open burn ban-ozone action days	DeSoto Co. MS			0.41	0.175			
		Reduce load Texas Gas -90%	DeSoto Co. MS		Mar-05		0.45	UT estimates		
		Reduce truck idling	DeSoto Co. MS			0.05	0.1			
		Adding 2 HOV laned to I-55	DeSoto Co. MS							
		Develop pedestrian; bikeways	DeSoto Co. MS							
		Reduce maintenance-ozone action days	DeSoto Co. MS			0.02	0.1			
		Submitted for adoption: Stage 1 vapor recovery	Crittendon Co. ARK			0.49		UT estimates		
		Voluntary VMT reduction on ozone action days	Crittendon Co. ARK			0.03	0.02	UT estimates		
		Truck stop electrification	Crittendon Co. ARK			0.003	0.04	UT estimates		
		Replace/retrofit construction equip	Crittendon Co. ARK			0.01	0.11	UT estimates		
		Ozone action day	Crittendon Co. ARK			0.032	0.024			

EAC ID	EAC Area / County	Control Measure	Agency/ Location	Adoption Date	Implement Date	VOC Reduction (TPD)	NOx Reduction (TPD)	Methodology	Funding Level	2012 Growth Plan
		Supports: 55 mph-trucks-ozone season-EAC areas	Shelby co; TN							
		Anti-idling provisions-diesel engines-EAC areas	Shelby co; TN			0.012	0.012			
		Anti-tampering-statewide	Statewide							
		NOx RACT -statewide	Statewide							
		Open burning ban-ozone action days	Shelby co; TN			7.17	0.3			
		Congestion mitigation-traffic signal synchronization;ITS	Shelby co; TN			0.061	0.16			
		Stage 1 vapor recovery-EAC areas								
		Voluntary measures-smart growth;ozone action days								
		Low Reid vapor pressure	Fayette co; TN	Mar-04						
		Stage 1 vapor recovery-mandated by state	Fayette co; TN							
		Electric forklifts-county	Fayette co; TN							
		Encourage mowing later;carpooling	Fayette co; TN							
		Encourage gas caps giveaway	Fayette co; TN							
		Lower speed limit-55 for trucks during ozone season	Fayette co; TN							
		ITS on interstates	Fayette co; TN							
		Link greenways/bikeways/pedestrian	Fayette co; TN							
		Statewide open burning ban-ozone season	Fayette co; TN							
		Public education	Fayette co; TN							
		Air quality web page	Fayette co; TN							
		Encourage use of catalyst/low sulfur diesel-over the road vehicles	Fayette co; TN							
		Encourage car pooling/ride share	Fayette co; TN							
		Encourage 55 during peak ozone season	Tipton Co, TN							
		Encourage bike riding, walking, bike racks	Tipton Co, TN						Transportation Enhancement Grant approved	
		Open burning bans-ozone action days	Tipton Co, TN	Being adopted						
		County website-air quality info	Tipton Co, TN							
		Encourage car pooling; ride sharing	Tipton Co, TN							

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		Congestion mitigation-traffic signal synchronization;intersection improvements	Memphis metro	Aug 21,2003	2004-2006	0.21	0.15		23.9 million	
		Ride share;Transit Center	Memphis metro		2004-2006	35.8 TPY	124 TPY		3.6 million	
		6 low emission buses	Memphis metro		2004	0.03	0.11			
		ITS on interstates	Memphis metro		ongoing				446 million	
		High occupancy vehicle lanes	Memphis metro		2004-2006					
		6 Park and ride lots	Memphis metro							
		Increase bike network	Memphis metro		2004-2007					Yes-detailed control measures for 2008-2012
		TVA-Allen plant-operate all 3 SCR's-ozone action days	Memphis metro		2005					
		Solae-switch to alternative fuel	Memphis metro		2004	0.1				
		Air curtain destructor-land clearing	Shelby co; TN		2003	7.2	0.3			
22 Haywood Co., TN										
		Discuss anti-idling with school board	Haywood Co	Mar-04						None
		Encourage local govts to use cleaner fuels	Haywood Co							
		Open burning ban-ozone action days	Haywood Co							
		Public education/student outreach	Haywood Co							
26 Putnam Co., TN										
		Encourage replacement with lower emitting vehicles	Putnam Co.							None
		Support cetane diesel fuel additive	Putnam Co.							
		Support Air Quality Action Day	Putnam Co.							
		Post no idling signs at truck stops	Putnam Co.							
		Education outreach-school; events	Putnam Co.							
		Develop Air Quality web page	Putnam Co.							
		Request DOT to set 55 for trucks-ozone action days	Putnam Co.							
		School buses-no idle rule	Putnam Co.							
27 Tri-Cities, TN										
		Contine Ozone Action Day Program	area wide		2003	0.22	0.257			

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		Propose open burning ban of wood waste- Ozone Action Days	area wide		TBD	2.39	0.841			2012-no net growth in ozone precursors
		Recommend state expand I&M to countries that contribute to NA								
		Implement Transportation Control Measures to reduce vehicle emissions	area wide		ongoing					
21 Tennessee State Measures										
		Expand I&M for light-duty vehicles	state wide							
		NOX RACT rules-proposed	TBD							
		Reduce engine idling	state wide							
		Anti-tampering-where I&M doesn't exist								
		Anti-smoking vehicles-drafted	state wide							
		Develop diesel retrofit program	state wide							
2 Shreveport, LA										
		Synchronize traffic lights	area wide		2003	0.048	0.01	on web site		2012 main modeling
		GM plant to install new VOC abatement system	Caddo Parish		2003	1.4	0	on web site		
		Natural gas processing plant-reduce Nox and VOC emissions by 90%	Center Point Energy		2005	0.14	2.6	on web site		
		Gas collection system-solid waste landfill	Shreveport		2003					
		Energy conservation- 33 city buildings	Shreveport		2004					
		Purchase 1 hybrid electric bus	Shreveport		2005		0.002			
4 San Juan Co., NM										
		Develop an ozone web site								2012 main modeling
		Education outreach-school			on going					
		Voluntary program-oil/gas production								
9 Oklahoma City, OK										
		Transportation system mangement		Mar-04	2004-2005					
		Bike/pedestrian facilities		Mar-04	2004-2005					

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		Freeway Corridor Management		Mar-04	2004-2005					
10 Tulsa, OK										
		Lower Reid vapor pressure-gasoline								
		Residential LNB water heater			2003					
		Outreach-education								
		Ride share/Carpool program			2003					
		Encourage use of alternate fuels and AFV								
28 Austin, TX										
		I&M - requires State reg	Travis, Hays, Williamston cos	Req state reg	by Dec 31, 2005	4.2	3.2	Yes-chapter 4		Detailed analysis-chap6
		Idling restriction-heavy-duty diesel	area wide	Req state reg	by Dec 31, 2005	0	0.2			
		Commute emission reduction program	area wide	Req state reg	by Dec 31, 2005	0.3	0.27			
		Stage 1 vapor recovery	area wide	Req state reg	by Dec 31, 2005	4.9	0			
		Low emission gas cans	area wide	Req state reg	by Dec 31, 2005	2	0			
		Degreasing controls	area wide	Req state reg	by Dec 31, 2005	6.4	0			
		Autobody Refinishing Controls	area wide	Req state reg	by Dec 31, 2005	0.05	0			
		Cutback Asphalt	area wide	Req state reg	by Dec 31, 2005	1.03	0			
		Low Reid Vapor Pressure Gas	area wide	Req state reg	by Dec 31, 2005	2.9	0			
		BACT and offsets for new or modified point sources	area wide	Req state reg	by Dec 31, 2005	TBD	TBD			
		Petroleum Dry Cleaning	area wide	Req state reg	by Dec 31, 2005	1.1	0			
		Texas Emission Reduction Program	area wide	Req state reg	by Dec 31, 2005	0	2			
		Power Plant Reductions	area wide	Req state reg	by Dec 31, 2005	0	7.1			
		Low emission diesel for fleets	Austin, Travis, williamson cos		ongoing					
		Transportation emission reduction measures	area wide		ongoing	0.83	0.72			

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		Access management	Cities of Bastrop, Elgin, Lockhart		ongoing					
		Alternate commute infrastructure requirements	Austin, Bastrop, Elgin		ongoing					
		Drive-through facilities on ozone action days	Austin, Lockhart		ongoing					
		Expedited permitting-developments	Bastrop, Elgin		ongoing					
		Airport Clean Air Plan	Austin		ongoing					
		Low VOC striping material	Austin, Bastrop, Elgin, Lockhart		ongoing					
		Open burning restrictions	Round Rock, Bastrop, Elgin		ongoing					
		Tree planting program	Most areas		ongoing					
		Extend energy efficiency requirements	Austin		ongoing					
		Shift electric load profile	Austin		ongoing					
		Environmental dispatch of power plants	Austin		ongoing					
		Low emission vehicles	Austin, Lockhart		ongoing					
		Adopt a school bus program	Lockhart		ongoing					
		Police Dept Ticketing	Lockhart		ongoing					
		Evaluation of fleet usage	Austin, Travis & Williamson cos		ongoing					
		Commute solutions programs-compresses; carpool, flexible, etc	Austin, Lockhart		ongoing					
		Direct deposit	Austin, Lockhart, Bastrop; Hays co.		ongoing					
		e-government	Austin, Round Rock; Williamson cos		ongoing					
		Fueling vehicle in evening	Austin, Lockhart; Hays co		ongoing					
		Cool cities program	Austin		ongoing					
		Resource conservation	Austin; Hays co		ongoing					
		Increase in energy demand mgt programs	Austin		ongoing					
		Construction related emissions on ozone action days	Austin		ongoing					
		Ensure emission reductions in SEPs, BEPs	Bastrop, Elgin, Lockhart		ongoing					

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		Ozone action day education program	Austin,Bastrop,Elgin,Lockhart;Hays co		ongoing					
		Ozone Action Day response program	Austin;Travis,Williamson,Hays cos		ongoing					
		Landscaping voluntary start at noon-high ozone days	Lockhart		ongoing					
29 Northeast Texas, TX										
		2 Eastman Chemical plants-enhanced leak detection/repair	Longview		ongoing; 2005	0.86	0	No		2012 Inventories developed
		Huntsman Chemical - enhanced leak detection/repair			2004	29 TPY;44TPY; 2008				
		Regulate small IC engines	area wide		2005	0	TBD		Funding thru TERP	
		2 lignite mines-heavy off-road equipment	Rusk,Harrison cos		2005	0	>0.06		Funding thru TERP	
		18 propane vans	Longview, Tyler		2003-2004	0.4TPY	2.0TPY			
		Public awareness program	area wide		2003					
		Energy efficiency programs	Longview, Tyler, Marshall		2003-2008					
30 San Antonio, TX										
		Lower Reid Vapor Pressure to 7.2 during ozone season	Regionwide		by Dec 2005	2.1	0.05	Chapter 5		2012 inventory developed
		Degreasing controls	Regionwide		by Dec 2005					
		Stage 1 Vapor Recovery>25,000 gallons/mo	Regionwide		by Dec 2005	5.8	0			
1 Denver, CO										
		Lower Reid vapor pressure	Regionwide	Mar-04	2004			at web site		2012 inventory developed
		Reduce flash VOC emissions from condensate collection at various natural gas facilities	Regionwide	Mar-04	2005	55	0			
		Control IC engines>500 HP	Regionwide	Mar-04	Jun-04	5.5	19			
		Control dehydration towers at oil and gas operations	Regionwide	Mar-04	2005	0.5	0			

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		Reduce coverage of remote sensing clean screen area	Regionwide	Mar-04	Mar-04	44	38			