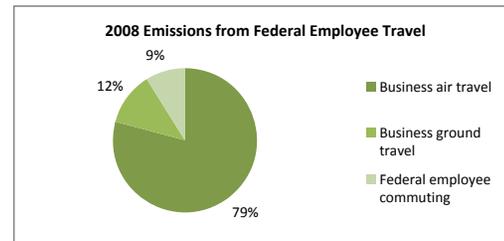
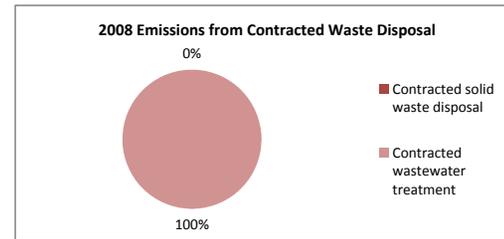
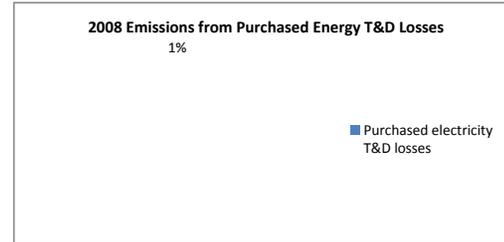
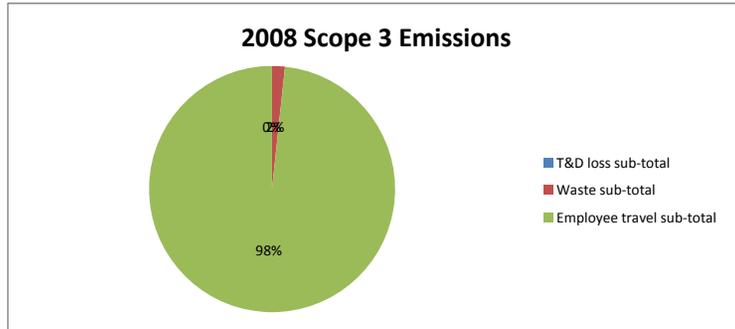


### District of Columbia Pretrial Services Agency Summary: Scope 3 Emissions Reduction Target

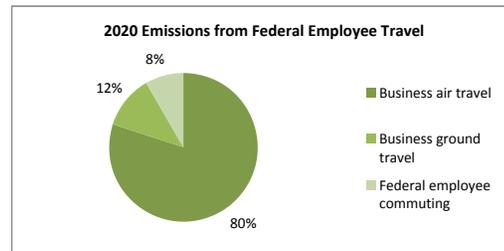
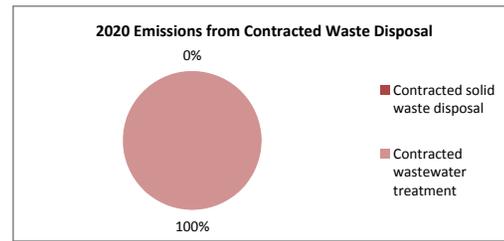
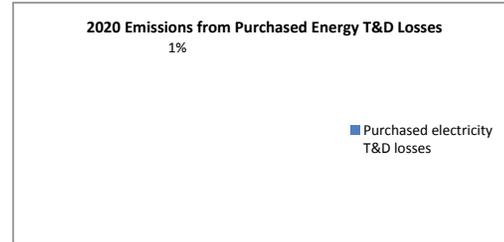
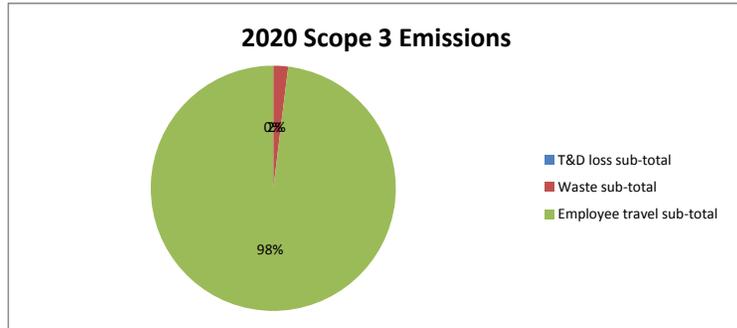
		Automatic calculations				(Optional manual entries)													
		Estimated 2008 emissions (mtCO2e)	Reduction target (%)	(Optional manual entry) Alternative reduction target chosen by agency (%)	Estimated 2020 emissions (mtCO2e)	Manual entry of emissions distribution (%)	Reduction target (%)												
Transmission and distribution (T&D) losses from purchased energy	Purchased electricity T&D losses	-			-														
	<b>T&amp;D loss sub-total</b>	<b>0.000</b>	<b>#DIV/0!</b>		<b>#DIV/0!</b>	<b>0.0%</b>	<b>#DIV/0!</b>												
Contracted waste disposal	Contracted solid waste disposal	-			-														
	Contracted wastewater treatment	2.970	0.0%		2.970														
	<b>Waste sub-total</b>	<b>2.970</b>	<b>0.0%</b>		<b>2.970</b>	<b>0.0%</b>	<b>#DIV/0!</b>												
Federal employee travel	Business air travel	134.000	5.0%		127.300														
	Business ground travel	20.000	7.0%		18.600														
	Federal employee commuting	14.982	10.0%		13.484														
	<b>Employee travel sub-total</b>	<b>168.982</b>	<b>5.7%</b>		<b>159.384</b>	<b>0.0%</b>	<b>#DIV/0!</b>												
<b>Agency total</b>		<b>171.952</b>	<b>5.6%</b>		<b>162.354</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center;">Manual entry of emissions distribution among the three categories (%)</th> <th rowspan="4" style="text-align: center; vertical-align: middle;">#DIV/0!</th> </tr> <tr> <td>T&amp;D losses</td> <td></td> </tr> <tr> <td>Waste</td> <td></td> </tr> <tr> <td>Employee travel</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Total</b></td> <td style="text-align: center;"><b>0.0%</b></td> <td></td> </tr> </table>		Manual entry of emissions distribution among the three categories (%)		#DIV/0!	T&D losses		Waste		Employee travel		<b>Total</b>	<b>0.0%</b>	
Manual entry of emissions distribution among the three categories (%)		#DIV/0!																	
T&D losses																			
Waste																			
Employee travel																			
<b>Total</b>	<b>0.0%</b>																		

Revised April 8, 2010  
The content of this scope 3 target tool is deliberative, pre-decisional communication. It is not Administration policy. Do not release

**Agency Name**  
**2008 Estimated Distribution of Scope 3 Emissions**



**Agency Name**  
**2020 Estimated Distribution of Scope 3 Emissions**



## Purchased electricity transmission and distribution (T&D) losses

Agency annual purchased electricity consumption from off-site sources (MWh)	National average electricity transmission and distribution (T&D) loss (%)	Electricity lost through T&D (MWh)	Emission factors for individual greenhouse gases		T&D emissions from individual greenhouse gases (metric tons of each gas)	Agency total CO <sub>2</sub> -equivalent emissions from electricity T&D losses (mtCO <sub>2</sub> e)
-	6.5%	-	Carbon dioxide (CO <sub>2</sub> ) (lb/MWh)	1,329.35	-	-
			Methane (CH <sub>4</sub> ) (lb/GWh)	27.27	-	
			Nitrous oxide (N <sub>2</sub> O) (lb/GWh)	20.60	-	

## Business air travel by Federal employees

Agency annual emissions from air travel (emissions data generated directly by GSA Travel Management Information System) (mtCO <sub>2</sub> e)
134.000

### Business ground travel by Federal employees

Rental vehicle travel					Non-rental vehicle travel						Total ground travel emissions (mtCO2e)	
Type of fuel for rental vehicles	Fuel for rental vehicles (gallons)	Emission factor (kg CO2 / gal)	Annual emissions for each fuel type (mtCO2e)	Annual emissions for rental vehicle business ground travel (mtCO2e)	Mode of transportation	Distance traveled (miles)	CO2 emissions factor (kg CO2 / mile)	CH4 emissions factor (kg CH4 / mile)	N2O emissions factor (kg N2O / mile)	Annual emissions for each non-rental mode of transportation (mtCO2e)	Annual emissions for non-rental vehicle business ground travel (mtCO2e)	20,000
Gasoline	-	8.81	20,000	20,000	Personal vehicle used for business travel	-	0.364	0.000031	0.000032	-	-	
Diesel	-	10.15	-	-	Bus	-	0.107	0.000006	0.000005	-	-	
					Transit rail (e.g., subways and trams)	-	0.163	0.000004	0.000002	-	-	
					Commuter rail	-	0.172	0.000002	0.000001	-	-	
					Intercity rail (e.g., Amtrak)	-	0.185	0.000002	0.000001	-	-	

## Federal employee commuting

Mode of transportation	Commute distance traveled (miles)	Number of commute days per year	Emission factors			Annual emissions for each mode of transportation (mtCO2e)	Total annual emissions from employee commuting (mtCO2e)
			CO2 emissions factor (kg CO2 / mile)	CH4 emissions factor (kg CH4 / mile)	N2O emissions factor (kg N2O / mile)		
Car	11	252	0.364	0.000031	0.000032	1	15
Light-duty truck	-	-	0.519	0.000036	0.000047	-	
Motorcycle	-	-	0.167	0.000070	0.000007	-	
Bus	-	-	0.107	0.000006	0.000005	-	
Transit rail (e.g., subways and trams)	338	252	0.163	0.000004	0.000002	14	
Commuter rail	-	-	0.172	0.000002	0.000001	-	
Intercity rail (e.g., Amtrak)	-	-	0.185	0.000002	0.000001	-	
Walk / bike	-	-	0	0	0	-	

### Contracted solid waste disposal

Mass of municipal solid waste disposed at off-site landfills (lbs)	Mass of waste converted to gigagrams (Gg)	Methane correction factor	Degradable organic carbon (Gg C / Gg waste)	Fraction of degradable organic carbon simulated	Fraction of methane by volume in generated landfill gas	Molecular weight ratio of CH4 to C	Percentage of methane recovered and combusted (%)	Percentage of methane oxidized (%)	Methane emissions (Gg)	Methane global warming potential (GWP)	Carbon dioxide equivalent emissions (mtCO2e)
-	-	1	0.203	0.5	0.5	1.333	45.6%	10%	-	21	-

**Contracted wastewater treatment**

Methane emissions from wastewater treatment															
Number of Federal employees	Number of excluded employees	Number of wastewater-subject employees			kg BOD / employee / day	workdays / year	Fraction of BOD allocated to workplace	Total BOD produced and allocated to workplace (kg)	Percentage of systems with primary treatment (%)	Percentage of BOD removed in primary treatment (%)	Methane correction factor	Methane-producing capacity of wastewater (kg CH <sub>4</sub> / kg BOD)	Methane global warming potential (GWP)	Agency methane emissions from wastewater treatment (mCO <sub>2</sub> e)	
349	0	349			0.09	230	0.5	3,612	82.2%	32.5%	0.036	0.6	21	0.909	
Nitrous oxide emissions from effluent discharge															
			kg N / employee / day	Nitrogen uptake (kg N / kg BOD)	kg BOD / employee / day	workdays / year	Fraction of N allocated to workplace	Total N produced and allocated to workplace (kg)	Percentage of systems with nitrification/denitrification (%)	Fraction of nitrogen removed for systems with nitrification/denitrification	Molecular weight ratio of N <sub>2</sub> O to N <sub>2</sub>	Effluent emission factor (kg N <sub>2</sub> O-N / kg sewage-N produced)	Nitrous oxide global warming potential (GWP)	Agency nitrous oxide emissions from effluent discharge (mCO <sub>2</sub> e)	
			0.026	0.05	0.09	230	0.5	863	36.5%	0.7	1.571	0.005	310	1.565	
Nitrous oxide emissions from systems with nitrification/denitrification															
									Percentage of systems with nitrification/denitrification (%)				Emission factor (g N <sub>2</sub> O / employee / year)	Nitrous oxide global warming potential (GWP)	Agency nitrous oxide emissions from systems with nitrification/denitrification (mCO <sub>2</sub> e)
									36.5%				7.0	310	0.276
Nitrous oxide emissions from systems without nitrification/denitrification															
									Percentage of systems with nitrification/denitrification (%)				Emission factor (g N <sub>2</sub> O / employee / year)	Nitrous oxide global warming potential (GWP)	Agency nitrous oxide emissions from systems without nitrification/denitrification (mCO <sub>2</sub> e)
									63.5%				3.2	310	0.220
Total emissions															
													Total agency emissions from wastewater treatment (mCO <sub>2</sub> e)		
													2.970		