

Seattle 2019 Cruise GHG Data for cruises & associated airplane flights					
Table 3: FLIGHT EMISSIONS					
GHG Emissions from flights taken by Seattle 2019 cruise passengers					
559,414 passengers (excludes "coastal" itineraries)					
Percent of passengers from each region based on 2019 Cruise Connections slide.					
15% of cruise passengers did NOT fly to Seattle; Cruise Connections info adjusted as follows:					
omitted all pax from WA and omitted 3% each from CA and "Other West".					
Emissions for each flight from atmosfair.de, for round trip to Seattle and back.					
Assumed coach class.					
					total emissions
				mtCO2e for 1	from flights from
Region from slide	Proxy city	% of total pax	# of passengers	round trip flight	that region
California 1	Los Angeles	5	27971	0.664	18573
California 2	San Francisco	4	22377	0.467	10450
Other West 1	Denver, CO	5	27971	0.664	18573
Other West 2	Phoenix, AZ	4	22377	0.697	15596
Midwest	Chicago, IL	14	78318	1.08	84583
East	Pittsburgh, PA	13	72724	1.503	109304
Texas	Dallas	10	55941	1.24	69367
Florida	Miami	7	39159	1.625	63633
Other South	Atlanta, GA	17	95100	1.438	136754
Internat'l: UK	London	3	16782	4.287	71946
Internat'l: Australia/NZ	Sydney	2	11188	7.634	85411
Other Internat'l 1	Mumbai	1	5594	7.626	42661
Other Internat'l 2	Buenos Aires	1	5594	6.496	36340
Totals		86	481096		763192