

Eastside Greenway Health Impact Assessment  
Monitoring & Evaluation Plan  
Impact & Outcome Evaluation

#	Question	Type of Evaluation	Focus Area CS=Crime & Safety, SC=Social Cohesion, T=Transportation, E=Equity	Timing	Data used to answer the question	Indicators	Responsible Person/Agency
1	Did the HIA recommendations influence the ESG final plan?	Impact		July 2015	ESG Design Alternatives and Final ESG Plan	The ESG plan is influenced by the recommendations of the HIA and/or reflects recommendations of the HIA	SmithgroupJJR and ESG planning partners
2	How did the HIA recommendations influence the ESG design	Impact		July 2015	ESG Design Alternatives and Final ESG Plan	The ESG plan is influenced by the recommendations of the HIA and/or reflects recommendations of the HIA	SmithgroupJJR and ESG planning partners
3	Were any of the HIA recommendations implemented by decision makers?	Impact		2015-2016	ESG alignments, connections and trailheads; ESG design; ESG Plan; Stakeholder/Decision maker survey	Implemented Recommendations	SmithgroupJJR, ESG planning partners, municipaltiy level decision makers
4	Will the accepted recommendations positively or negatively impact equity? How?	Impact	E	2015-2016	ESG Design Alternatives & Final ESG Plan, ie number of access points to ESG, new alignments and connections - both number and location; community survey	ESG design and plan is equitable or not	CCBH
5	Were recommendations delivered to relevant decision makers? When? How?	Impact		2015	HIA communications and dissemination strategies; Stakeholder/Decision Maker survey.	ESG decision makers receive and understand HIA recommendations	CCBH; SmithgroupJJR and ESG planning partners
6	Did the development of new trailway alignments, connections and trailheads affect usage of the trails in areas where vulnerable populations live?	Impact	SC, T, E	2016-2017	Trail usage data in ESG study area aggregated by Race, ethnicity, income etc.	Trail Usage in ESG buffer and ESG study area	ESG Planning Partners; Municipalities; Metroparks

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7	Did new trail and greenway access points increase usage of the ESG?	Impact	T, E	2016-2017	Trail usage data in ESG study area aggregated by Race, ethnicity, income etc.	Trail Usage in ESG buffer and ESG study area	ESG Planning Partners; Municipalities; Metroparks
8	Were vulnerable populations positively or negatively impacted by the newly created access points?	Impact	E	2016-2017	Trail usage data in ESG study area aggregated by Race, ethnicity, income etc.	Trail Usage in ESG buffer and ESG study area	ESG Planning Partners; Municipalities; Metroparks
9	Did the ESG plan use new trail alignments, connections, and trailheads to connect picnic areas & play fields, especially in vulnerable communities?	Impact	SC, E	2015	ESG Design Alternatives and Final ESG Plan	Trail alignments and connections to picnic areas and play fields	SmithgroupJJR and ESG planning partners
10	Did the ESG improve safety in neighborhoods?	Impact	CS	2016-2017	Crime, perception of crime and crash data in ESG study area	Crime, perception of crime, crashes	CCBH, Kent State University (Geography Dept.) Police, NOACA
11	Did the ESG increase safe and accessible public transportation to ESG access points?	Impact	CS, E	2015-2017	RTA and other public transportation data; community survey	Public transportation access points in relation to ESG access points	CCBH, RTA, ESG planning partners
12	Was there a plan to manage and maintain the ESG in the communities it traverses?	Impact	SC	2015	ESG Plan	ESG management and maintenance plan established; Funding dedicated to ESG maintenance in each municipality	SmithgroupJJR, ESG planning partners

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13	Did the ESG plan consider increased opportunities for social interactions? Were these opportunities fairly considered throughout the ESG? (Swings, benches, covered area, restrooms, etc.)	Impact	SC, E	2016-2017	ESG Design Alternatives and Final ESG Plan	Design recommendations that consider social interaction	SmithgroupJJR, ESG planning partners
14	How did the new trail alignments, connections, and trailheads impact the trail usage in the ESG?	Impact	T	2016-2017	Trail usage data in ESG study area aggregated by Race, ethnicity, income etc.	Trail Usage in ESG buffer and ESG study area	ESG Planning Partners; Municipalities; Metroparks
15	Did the trail alignments, connections, and trailheads impact the demographics of the users?	Impact	SC, E	2016-2017	Demographic and usage data in ESG study area aggregated by race, ethnicity, income etc.	Demographic indicators	CCBH; ESG planning partners
16	Were there certain locations within the ESG buffer area that the new design did not impact usage? Were the areas in vulnerable communities?	Impact	E	2016-2017	Trail usage data in ESG study area aggregated by Race, ethnicity, income etc.	Trail Usage in ESG buffer and ESG study area	ESG Planning Partners; Municipalities; Metroparks
17	Did the new trail alignments, connections, and trailheads change the number of motor vehicle to pedestrian/pedalcycle accidents?	Impact	CS, T	2016-2017	motor vehicle to pedestrian/pedalcycle crash data in ESG buffer area	motor vehicle to pedestrian/pedalcycle accidents	CCBH, NOACA
18	Did the ESG trail alignments, connections, and trailheads increase biking?	Impact	SC, T, E	2016-2017	trail usage data, bicycle ridership data in ESG buffer area	Trail usage via bicycle	CCBH, NOACA, Metroparks
19	Did the ESG trail alignments, connections, and trailheads increase walking?	Impact	SC, T, E	2016-2017	trail usage data, walking data in ESG buffer area	Trail usage via walking	CCBH, NOACA, Metroparks
20	Did the ESG project help contribute to a decrease in obesity among residents near the ESG?	Outcome		2016-2020	BRFSS and/or YRBS physical activity data; other community survey	Overweight and obesity	CCBH

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21	Did the fear of crime in vulnerable communities change due to the impact of the ESG?	Outcome		2016 - 2018	Crime, Fear (perception) of crime and crash data in ESG study area; community survey	Crime, Fear (perception) of crime, crashes	CCBH, Kent State University (Geography Dept.) NOACA
22	Did the trail alignments, connections, and trailheads impact the amount of physical activity residents did that lived in the ESG buffer area? Did the change in physical activity occur evenly throughout the ESG?	Outcome		2016-2018	BRFSS and/or YRBS physical activity data; other community survey	Physical Activity (beyond just walking and biking ie. cross-country skiing, soccer, basketball, etc.)	CCBH; Metroparks, Municipalities
23	Did trail usage improve the mental health of residents around the ESG?	Outcome		2016-2020	BRFSS and/or YRBS physical activity data; other community survey	Mental Health	CCBH
24	Did trail usage change property values around the ESG, especially near new trailway connections and access points?	Outcome		2016 - 2020	Property Value data in ESG buffer and study area	Property Value	CCBH, ESG Planning Partners, Municipalities
25	Was there a change in the amount of well-lit paths available throughout the ESG? Were these changes made equitably, especially in areas with higher crime rates?	Outcome		2016-2018	ESG facilities data by community in the study area	ESG facilities	Planning Partners, municipalities, Metroparks
26	Has the change in trail usage and/or use of green spaces improve community/social cohesion?	Outcome		2016-2020	Community survey	improved community/social cohesion	CCBH
27	Did the new trailways and green spaces help contribute to a change in chronic disease? Did the change occur in areas of greatest need (ie areas that the highest rate of chronic disease)?	Outcome		2020 and beyond	Chronic disease data in ESG buffer and study area	Chronic disease (hypertension, stroke, heart disease etc.)	CCBH