Table 2.4 Transformation costs and benefits by sector

Sector	Technical Costs and Benefits	Non-Technical Costs and benefits
Agriculture, forests, and other land use	<ul> <li>Investment cost of transformations</li> <li>Value of agricultural inputs, such as fuel and fertilizer</li> <li>Value of agricultural outputs (crops and livestock produced)</li> <li>Technical cost of reforestation</li> </ul>	<ul> <li>Nitrate leaching and runoff from fertilizer</li> <li>Soil health benefits of conservation agriculture</li> <li>Ecosystem services of forests</li> <li>Human health and productivity of better diets</li> <li>Household grocery costs from improved</li> </ul>
Industry	<ul> <li>Investment cost of transformations</li> <li>Maintenance savings of transformations, e.g., from lower maintenance of heat pumps</li> <li>Value of industrial inputs, such as fuel</li> <li>Value of industrial outputs</li> </ul>	Air quality changes from industrial energy and production
Buildings	<ul> <li>Investment cost of transformations</li> <li>Maintenance savings of transformations, e.g., from lower maintenance of heat pumps</li> <li>Value of building inputs, such as fuel</li> </ul>	We did not assess non-technical benefits and costs in buildings such as indoor air
Transport	<ul> <li>Investment cost of transformations</li> <li>System cost of transportation service provisioning</li> <li>Maintenance savings, e.g., from lower maintenance of electric vehicles</li> <li>Value of transport inputs, such as fuel</li> </ul>	<ul> <li>Health impacts of changing air quality</li> <li>Health and productivity impacts of avoided crashes</li> <li>Productivity impacts from congestion</li> </ul>
Energy production	<ul> <li>Capital and operating expenditures of electricity production</li> <li>Cost of fuels used to produce electricity and other fuel production</li> <li>Investment cost of other transformations</li> </ul>	Health benefit of avoided air pollution
Waste	Technical costs of transformations     Value of energy recovery	<ul> <li>Health impacts of universal safe sanitation</li> <li>Health and environmental impacts of ending open dumping</li> <li>Water quality impacts of wastewater treatment</li> </ul>