

Appendix E

Retrofit and Densification Strategies in Mexico

Based on observations of residential developments across Mexico, Appendix E describes strategies for densifying residential units. The material assesses and classifies how Mexican households currently transform their homes through informal construction methods to accommodate change in family structures or economic needs.

Table E.1 Strategies for densifying residential units and current upgrading practices in Mexico

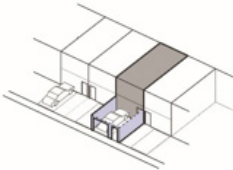
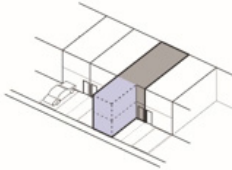
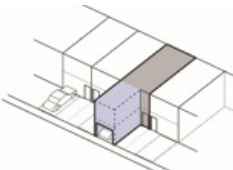
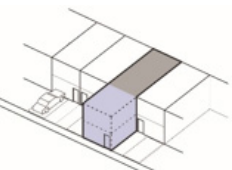
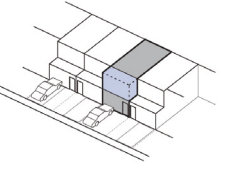
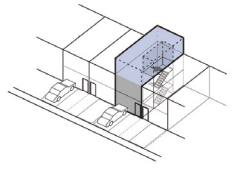
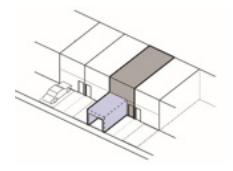
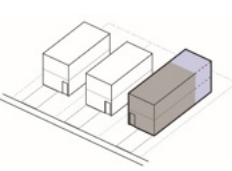
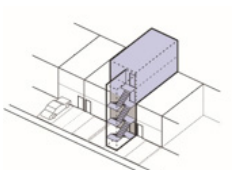
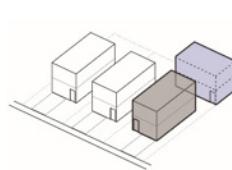
	Enclosure of exterior spaces within the lot for residential purposes		Expansion of interior spaces through partial build-out of front façade
	Expansion of interior spaces through partial build-out of front façade		Expansion of interior spaces through full build-out of front façade
	Expansion of interior spaces through infill of the existing residential structure		Expansion of interior spaces by building a new structure over the existing residential structure
	Expansion of interior spaces by building a new structure on the front façade		Expansion of interior spaces by building a new structure on the rear façade
	Introduce new independent dwelling units in the lot by building a new structure over the existing residential structure		Introduce new independent dwelling units in the lot by building a new structure in the backyard

Table E.1 Strategies for densifying residential units and current upgrading practices in Mexico (continued)

	<p>Transform a single family unit into a boarding house by subdividing the existing structure</p>		<p>Subdivide a single family unit to accommodate an additional residential unit within the same structure</p>
	<p>Subdivide a residential building to accommodate commercial uses</p>		<p>Transform the ground level of a residential building to accommodate commercial or industrial uses</p>
	<p>Subdivide a residential building to accommodate commercial uses and expand commercial activities to the sidewalk</p>		<p>Transform the ground level of a residential building to accommodate commercial or industrial uses</p>
	<p>Expansion of interior spaces by creating a new structure over the sidewalk</p>		<p>Introduce a space for commercial activities by creating a new structure over the sidewalk</p>
	<p>Incremental growth of the residential structure through self-build construction. During the first stage, the sanitary and bedroom spaces are built as independent structures</p>		<p>Incremental growth of the residential structure through self-build construction</p>

Adapted from Ward, P. M. 2015; Sánchez Corral, J. 2012. Diagrams by Irene Figueroa-Ortiz.