Examples of collapsed air ducts, due to too much weight:

Heating duct collapsed on students taking an exam in Kent, UK, May 2009.
8 children and 6 adults were injured when this duct collapsed at Shaler Area Elementary School, August 2013:
Duct collapse at a car dealership in Boston in October 2014.

Looking inside an air duct that has a lot of accumulated dust.
From http://inspectapedia.com/aircond/Ducts_in_Slabs.php
Monroe Restoration advertisement about cleaning ducts.
From http://monroerestoration.com/

Hughes Environmental advertisement about cleaning ducts.
From https://hughesenv.com/industrial-duct-cleaning-prevent-dust-explosions/