

PBDEs (Polybrominated Diethyl Ethers)



What are PBDEs?

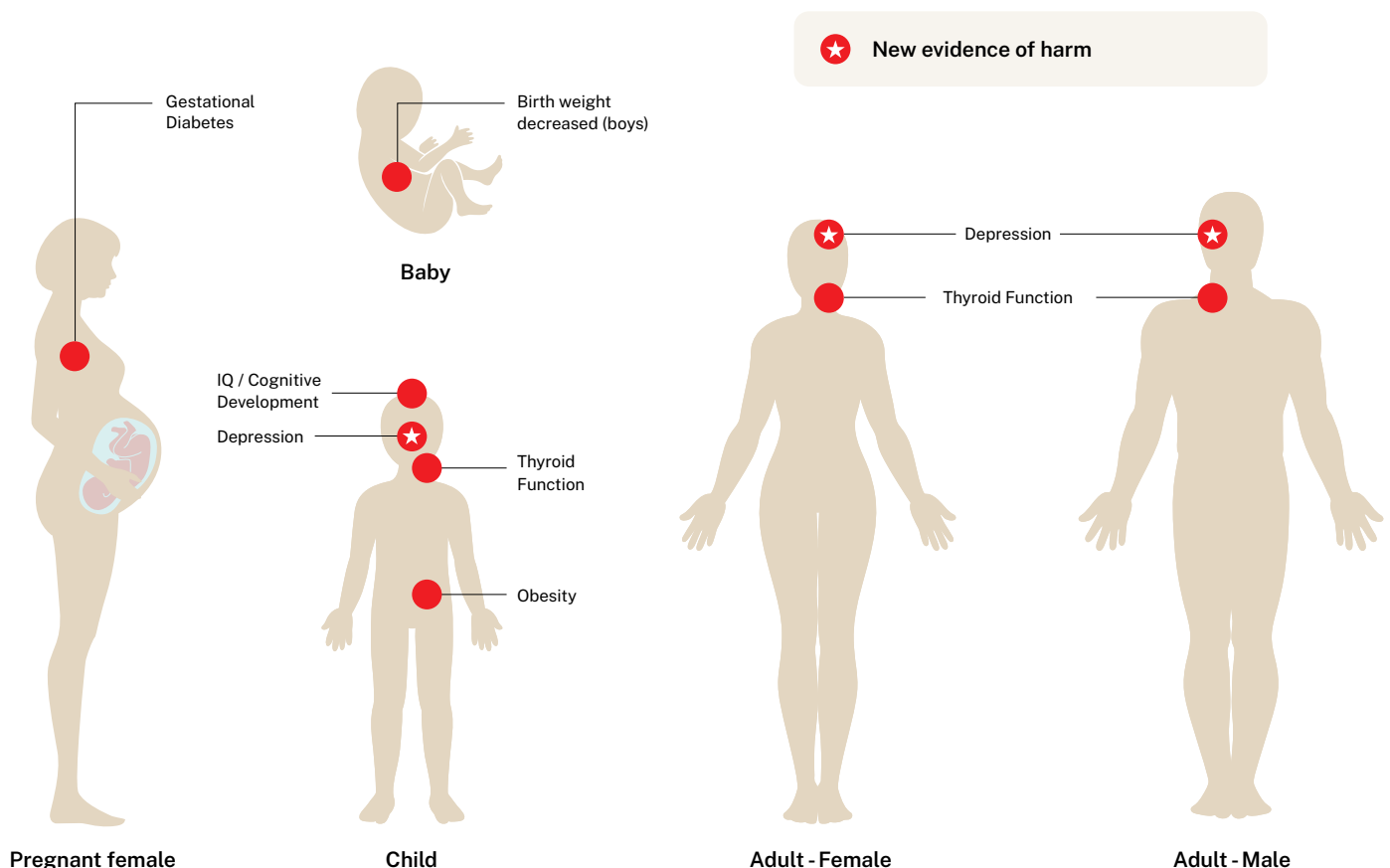
One of the chemical classes (see also PCBs) used as flame retardants in some plastics.

PBDEs have been detected in polyurethane (PU) foams, polyethylene (PE), polyvinyl chloride (PVC) and polystyrene (PS) plastic materials.

PBDE exposure often occurs through the use of these products:

- TV and computer casing/housings
- Wire and cable sheathing
- Some electrical appliances
- Insulation
- Textiles
- Car seats
- Infant mattresses
- Furniture foams
- Rebonded carpet padding
- Paints and coatings
- Printed circuit boards (found in electrical devices)

There is consistent and significant evidence between PBDE exposure and multiple health harms:



Sources:

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Food Packaging Forum Foundation (2022) "FCCmigex Database." <https://www.foodpackagingforum.org/fccmigex>



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