

## Answers to Benefits and Risks of Bacteria

| Bacteria benefits  | Bacteria risks   |
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| <ul style="list-style-type: none"><li>• creates antibiotics/medicine</li><li>• creates vaccines</li><li>• used to create biogas</li><li>• cleans up oil spills and toxic wastes</li><li>• removes insects from plants</li><li>• can be used in genetic therapy</li><li>• used to ferment foods</li><li>• breaks down sugars and toxins</li><li>• helps cells absorb fatty acids needed to grow</li><li>• protects cells in the intestines</li><li>• balances the immune system</li><li>• promotes repair of damaged systems in your body</li></ul> | <ul style="list-style-type: none"><li>• some bacteria cause disease or illnesses</li><li>• lack of bacteria throws off the immune system, which leads to allergies, or autoimmune diseases</li><li>• sometimes the immune system will attack bacteria if it doesn't recognize them</li><li>• sometimes, antibiotics will get rid of good bacteria that are needed to protect our health</li><li>• bacteria can cause pimples and gingivitis</li><li>• the elimination of good bacteria throws off the immune system, and can cause things like allergies</li></ul> |