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**Key Messages:**

- The list of diseases to be reported to Public Health was updated on May 1, 2018.
- CPE Infections and colonizations are reportable to public health.
- Shortage of hepatitis A and B vaccine in the private market, not currently affecting the publicly funded supply.

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**REMINDER: Updated List of Reportable Diseases**

On May 1, 2018, the list of diseases to be reported to Public Health was updated to reflect recent changes to the Health Protection and Promotion Act (HPPA). English and French versions of the updated list of reportable diseases, now known as diseases of public health significance, can be found at: [http://www.peelregion.ca/health/professionals/communicable.htm](http://www.peelregion.ca/health/professionals/communicable.htm)

**Carbapenemase-Producing Enterobacteriaceae (CPE infection or colonization)**

**CPE reporting**

As of May 1, 2018, CPE colonization and infection are reportable under the HPPA. As of September 27, 2018 there have been 38 reported cases of CPE infections and colonizations in Peel for 2018.

Treatment of infections with CPE may be difficult, as CPE are resistant to many antibiotics that are considered the last line of defense. The case fatality rate for serious infections may be as high as 50%.

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**CPE management**

Health care providers should use routine practices (e.g., consistent hand hygiene, appropriate personal protective equipment, environmental cleaning) for all patients, including individuals positive for CPE. Contact precautions should be considered depending on the level of direct care.

CPE positive individuals should be reminded to clean their hands often at home, particularly after using the washroom and before preparing food. There is no special cleaning required in the home. Healthy individuals have a low risk of acquiring CPE.

More information about CPE and the management of CPE positive patients is available at: [https://www.publichealthontario.ca/en/BrowseByTopic/InfectiousDiseases/Pages/IDLandingPages/carbapenamase-producing-enterobacteriaceae.aspx](https://www.publichealthontario.ca/en/BrowseByTopic/InfectiousDiseases/Pages/IDLandingPages/carbapenamase-producing-enterobacteriaceae.aspx)
Hepatitis A & B Vaccine Supply in Ontario

There is a current shortage of vaccine supply of hepatitis A and B vaccine in the private market. The private market shortage of hepatitis B vaccine is not currently affecting the publicly funded hepatitis B vaccine supply.

Publicly funded vaccines are to be used in accordance with the routine and high risk programs as outlined in the Publicly Funded Immunization Schedules for Ontario and not as per the recommended uses as listed in the Canadian Immunization Guide.

Please continue to exercise effective vaccine inventory and ordering practices:
- Order one month supply.
- Maintain vaccine fridge temperatures and documentation of temperatures to ensure vaccines are stored in cold chain.
- Report cold chain failures (temperatures below +2.0 or above +8.0) immediately to Peel Public Health.
- Review eligibility criteria and order the appropriate vaccines.