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In this talk we will discuss extensions of several theorems by Hochster, Stanley, and Reisner on Stanley-Reisner rings and modules of triangulated spheres and balls to the generality of Stanley-Reisner rings and modules of triangulated manifolds with and without boundary. Our results build on works of Schenzel, Goto, Gräbe, and many others. (Received January 28, 2018)