

(b) (6);

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(b) (6)

**Subject:** RE: Red Dawn  
Breaking, COVID-19  
Collaborative, Feb 16 start

Trying to estimate severity by  
bringing a number of pieces  
together.

The Diamond Princess Cruise  
Ship had a crew of 1,745 and  
2,666 passengers (total pf 3,711)  
Approximately 400 of the  
passengers are Americans (11%).  
Several days ago (Feb-13) we  
attempted to estimate disease  
severity using the current data  
being reported by the media  
(number of confirmed cases and  
ICU cases) as well as data on the  
outbreak in Singapore (number of  
confirmed cases, number  
hospitalized, and number in ICU)  
(see attached Word file).

Given the additional information  
becoming available (including  
more specific information being  
reported by the media on the  
numbers of Americans infected), I  
was interested in an updated crude  
estimate of severity (and to see  
how well the early predictions of  
severity matched with what was  
being reported by the media on  
illness in the Americans. See