

Risk & Vulnerability-based Interdiction Responses to SARS-CoV-2 (RaVIRS)

Stratified sets of personal and public policy interdiction policies and practices for coronavirus (SARS-CoV-2) predicated on levels of vulnerability to severe infection and risk for death from infection.

	Risk Tier*	Public Policies*
<ul style="list-style-type: none"> Shelter-in-place; strict social distancing including from family members; strict personal sanitation routine 	<p style="text-align: center;">High Risk: >= age 75</p> <p style="text-align: center;">Treated heart disease, diabetes- any age</p> <p style="text-align: center;">Medically treated or induced immunocompromise, any age</p> <p style="text-align: center;">Chronic lung disease, any age</p> <p style="text-align: center;">Other</p>	<ul style="list-style-type: none"> Restricted from worksites/schools Restricted from social gatherings Routine, mobile testing Digital health monitoring Home service support (food delivery, other) Home care as needed Institutional shelter (e.g., idled hotel space) as needed Early anti-viral treatment as needed
<ul style="list-style-type: none"> Strict social distancing; strict personal sanitation routine 	<p style="text-align: center;">Service Providers to High Risk: Health professionals First responders Home service</p>	<ul style="list-style-type: none"> Routine testing, clearance/approval Personal protective equipment
<ul style="list-style-type: none"> Routine social distancing; personal sanitation 	<p style="text-align: center;">Intermediate Risk: Age 60-74 Well controlled medical condition Mild/moderate asthma</p>	<ul style="list-style-type: none"> Work, social gathering precautions/warnings Restricted from interaction with High Risk individuals
<ul style="list-style-type: none"> Routine social distancing; personal sanitation 	<p style="text-align: center;">Low/Average Risk: <age 60 Good health</p>	<ul style="list-style-type: none"> Restricted from interaction with High Risk individuals

**risk categories to be defined, updated, promulgated to public by suitable authorities- e.g., CDC, NIH, WHO, etc. Similarly, recommended practices and policies for interdiction/risk minimization to be updated and disseminated routinely by the same authorities based on most current data.*