

**Supplemental Table 2.** Major regions with high statistics for variation, by disease

	<b>Region with highest EQ</b>	<b>Region with 2nd highest EQ</b>	<b>Region with highest CV</b>	<b>Region with 2nd highest CV</b>
Allergic rhinitis outpatients (2003)	Chungcheongnam-do	Gyeonggi-do	Chungcheongnam-do	Gyeonggi-do
Allergic rhinitis outpatients (2011)	Gyeongsangbuk-do	Gyeongsangnam-do	Gyeongsangnam-do	Gyeongsangbuk-do
Allergic rhinitis inpatients (2003)	Chungcheongnam-do	Gangwon-do	Chungcheongbuk-do	Gangwon-do
Allergic rhinitis inpatients (2011)	Gyeongsangbuk-do	Gyeongsangnam-do	Gyeongsangbuk-do	Jeollabuk-do
Asthma outpatients (2003)	Chungcheongnam-do	Chungcheongbuk-do	Chungcheongnam-do	Chungcheongbuk-do
Asthma outpatients (2011)	Gangwon-do	Gyeongsangbuk-do	Gangwon-do	Chungcheongbuk-do
Asthma inpatients (2003)	Jeollabuk-do	Chungcheongnam-do	Jeollabuk-do	Gyeongsangbuk-do
Asthma inpatients (2011)	Jeollanam-do	Gyeonggi-do	Gyeonggi-do	Ulsan
Atopic dermatitis outpatients (2003)	Chungcheongbuk-do	Gyeongsangbuk-do	Chungcheongbuk-do	Gyeongsangbuk-do
Atopic dermatitis outpatients (2011)	Chungcheongbuk-do	Incheon	Chungcheongbuk-do	Gangwon-do
Atopic dermatitis inpatients (2003)	Seoul	Busan	Chungcheongbuk-do	Gangwon-do
Atopic dermatitis inpatients (2011)	Seoul	Daejeon	Gyeongsangnam-do	Gangwon-do

EQ, extremal quotient; CV, coefficient of variation.