



Chart: Effects of Common Cannabinoids

	THC/THCA	CBD/CBDA	CBN	CBG/CBGA	CBC/CBCA	THCV/THCVA	Delta-8
Mental State	Intoxicating (source of the “high”) Anxiety: reduces (low dose); increases (high dose) Causes drowsiness Impairs memory (high dose) Helps depression (low dose)	Non-intoxicating Reduces anxiety	Minimally intoxicating (10% as intoxicating as THC) Strong sedative	Non-intoxicating Reduces anxiety Causes drowsiness Helps memory and attention	Non-intoxicating Relieves depression (when combined with THC and CBD) Reduces anxiety (ten times more effective than CBD)	Non-intoxicating at low doses Psychoactive at high doses Increases alertness Reduces anxiety without suppressing emotion	Approximately 2 times less intoxicating than THC Reduces anxiety Can cause drowsiness
Nervous System	Relieves pain and relaxes muscles Protects nervous system Promotes brain cell growth Anti-epileptic (at low doses paired with higher doses of CBD) Helps prevent Alzheimer’s disease	Relieves pain and relaxes muscles Protects nervous system and brain cell growth (multiple sclerosis) Anti-epileptic at high doses (especially paired with low dose THC) Degrades plaque	Relieves pain Anti-epileptic	Relieves pain Protects nervous system Promotes brain cell growth Anti-epileptic	Relieves pain Protects nervous system Inhibits Alzheimer’s disease	Possible anti-epileptic Improves motor control in Alzheimer’s and Parkinson’s disease patients	Relieves pain (antinociceptive, analgesic) Protects nervous system
Skeletal System	No known effect	Stimulates bone growth	Stimulates bone growth	Promotes bone growth	No known effect	Stimulates bone growth	No known effect
Respiratory System	No known effect	No known effect	No known effect	No known effect	No known effect	No known effect	No known effect



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Circulatory System	Increases heart rate Improves circulation	Improves circulation	No known effect	Lowers blood pressure	No known effect	No known effect	Increases then reduces blood pressure Reduces heart rate
Digestive System	Increases appetite Reduces nausea	Suppresses appetite Lowers blood sugar Relieves IBS and other GI disorders Reduces nausea	Increases appetite	Increases appetite Relieves IBS	No known effect	Suppresses appetite Anti-diabetic	Stimulates appetite Reduces vomiting
Cancer	Inhibits cancer cell growth, antioxidant	Inhibits cancer cell growth, antioxidant	Inhibits cancer cell growth	Inhibits cancer cell growth	Inhibits cancer cell growth	No known effect	Inhibits growth of some tumors
Skin	No known effect	Relieves psoriasis Anti-acne Good transdermal penetration	Good transdermal penetration	Relieves psoriasis	Inhibits acne	No known effect	No known effect
Eyes	Relieves intraocular pressure	No known effect	Treats glaucoma	Treats glaucoma	No known effect	No known effect	No known effect
Infection	Some antibiotic properties, especially in THCA	Some antibiotic properties, especially CBDA	Antibiotic	Antibiotic Antifungal	Antibiotic Antifungal	No known effect	No known effect
Inflammation	Excellent anti-inflammatory	Excellent anti-inflammatory Relieves rheumatoid arthritis at high doses Treats autoimmune disorders	Excellent anti-inflammatory	Excellent anti-inflammatory, especially as CBGA	Anti-inflammatory	Anti-inflammatory Stimulates immune system (especially combined with THC and CBD)	Anti-inflammatory