Russia df costs:

{'Belgorod': 1, 'Bryansk': 1, 'Vladimir': 3, 'Voronezh': 2, 'Ivanovo': 1, 'Kaluga': 3, 'Kostroma': 3, 'Kursk': 3, 'Lipetsk': 1, 'Moskva': 1, 'Orel': 2, "Ryazan'": 2, 'Smolensk': 2, 'Tambov': 3, "Tver'": 3, 'Tula': 4, "Yaroslavl'": 2, 'Karelia': 2, 'Komi': 4, "Arkhangel'sk": 3, 'Vologda': 1, 'Kaliningrad': 1, 'Leningrad': 3, 'Murmansk': 1, 'Novgorod': 2, 'Pskov': 1, 'City of St. Petersburg': 1, 'Nenets': 2, 'Bashkortostan': 2, 'Mariy-El': 1, 'Mordovia': 1, 'Tatarstan': 4, 'Udmurt': 1, 'Chuvash': 3, "Perm'": 3, 'Kirov': 2, 'Nizhegorod': 4, 'Orenburg': 1, 'Penza': 4, 'Samara': 3, 'Saratov': 1, "Ul'yanovsk": 2, 'Adygey': 1, 'Kalmyk': 2, 'Krasnodar': 2, "Astrakhan'": 1, 'Volgograd': 3, 'Rostov': 1, 'Dagestan': 1, 'Ingush': 1, 'Kabardin-Balkar': 2, 'Karachay-Cherkess': 1, 'North Ossetia': 3, 'Chechnya': 2, "Stavropol'": 4, 'Kurgan': 2, 'Sverdlovsk': 1, "Tyumen'": 3, 'Chelyabinsk': 3, 'Khanty-Mansiy': 2, 'Yamal-Nenets': 1, 'Gorno-Altay': 3, 'Buryat': 3, 'Tuva': 2, 'Khakass': 1, 'Altay': 1, "Zabaykal'ye": 2, 'Krasnoyarsk': 4, 'Irkutsk': 1, 'Kemerovo': 2, 'Novosibirsk': 3, 'Omsk': 2, 'Tomsk': 1, 'Sakha': 3, 'Kamchatka': 2, "Primor'ye": 1, 'Amur': 1, 'Maga Buryatdan': 4, 'Sakhalin': 1, 'Yevrey': 3, 'Chukot': 1, 'Khabarovsk': 2}

defaultdict(<class 'int'>, {1: 31, 2: 23, 3: 20, 4: 8})

Best Cost Seed: 25902

Best Cost Frequencies: defaultdict(<class 'int'>, {1: 31, 2: 23, 3: 20, 4: 8})

US df costs

{'Alabama': 1, 'Alaska': 1, 'Arizona': 4, 'Arkansas': 1, 'California': 3, 'Colorado': 3, 'Connecticut': 3, 'Delaware': 2, 'Florida': 2, 'Georgia': 3, 'Hawaii': 1, 'Idaho': 3, 'Illinois': 2, 'Indiana': 3, 'Iowa': 1, 'Kansas': 1, 'Kentucky': 1, 'Louisiana': 2, 'Maine': 1, 'Maryland': 1, 'Massachusetts': 4, 'Michigan': 1, 'Minnesota': 2, 'Mississippi': 3, 'Missouri': 3, 'Montana': 2, 'Nebraska': 2, 'Nevada': 1, 'New Hampshire': 2, 'New Jersey': 1, 'New Mexico': 1, 'New York': 2, 'North Carolina': 1, 'North Dakota': 1, 'Ohio': 4, 'Oklahoma': 2, 'Oregon': 2, 'Pennsylvania': 3, 'Rhode Island': 1, 'South Carolina': 2, 'South Dakota': 3, 'Tennessee': 2, 'Texas': 3, 'Utah': 2, 'Vermont': 1, 'Virginia': 3, 'Washington': 1, 'West Virginia': 2, 'Wisconsin': 3, 'Wyoming': 1}

defaultdict(<class 'int'>, {1: 19, 2: 15, 3: 13, 4: 3})

Best Cost Seed: 4780

Best Cost Frequencies: defaultdict(<class 'int'>, {1: 19, 2: 15, 3: 13, 4: 3})

China df costs

{'Anhui': 1, 'Beijing': 2, 'Chongqing': 2, 'Fujian': 1, 'Guangdong': 3, 'Gansu': 3, 'Guangxi': 2, 'Guizhou': 3, 'Henan': 2, 'Hubei': 3, 'Hebei': 3, 'Heilongjiang': 1, 'Hunan': 1, 'Jilin': 3, 'Jiangsu': 2, 'Jiangxi': 2, 'Liaoning': 1, 'Nei Mongol': 2, 'Ningxia Hui': 1, 'Qinghai': 2, 'Sichuan': 1, 'Shandong': 1, 'Shanghai': 1, 'Shaanxi': 4, 'Shanxi': 1, 'Tianjin': 1, 'Xinjiang Uygur': 1, 'Yunnan': 4, 'Zhejiang': 3, 'Xizang': 3, 'Hainan': 1}

defaultdict(<class 'int'>, {1: 13, 2: 8, 3: 8, 4: 2})

Best Cost Seed: 49

Best Cost Frequencies: defaultdict(<class 'int'>, {1: 13, 2: 8, 3: 8, 4: 2})

Ukraine df costs

{'Cherkasy': 1, 'Chernihiv': 1, 'Chernivtsi ': 4, '"Dnipropetrovs\'k" ': 4, '"Donets\'k"': 3, '"Ivano-Frankivs\'k"': 2, 'Kharkiv': 1, 'Kherson': 1, '"Khmel\'nyts\'kyy"': 3, 'Kiev': 3, 'Kirovohrad': 3, '"Luhans\'k"': 2, '"L\'viv"': 3, 'Mykolayiv': 2, 'Odessa': 1, 'Poltava': 2, 'Rivne': 2, 'Sumy': 3, '"Ternopil\'"': 1, 'Vinnytsya': 2, 'Volyn': 1, 'Transcarpathia': 1, 'Zaporizhzhya': 2, 'Zhytomyr': 1}

defaultdict(<class 'int'>, {1: 9, 2: 7, 3: 6, 4: 2})

Best Cost Seed: 17

Best Cost Frequencies: defaultdict(<class 'int'>, {1: 9, 2: 7, 3: 6, 4: 2})

Ukraine adv\_costs

{'Cherkasy': 1, 'Chernihiv': 1, 'Chernivtsi ': 4, '"Dnipropetrovs\'k" ': 4, '"Donets\'k"': 3, '"Ivano-Frankivs\'k"': 2, 'Kharkiv': 1, 'Kherson': 1, '"Khmel\'nyts\'kyy"': 3, 'Kiev': 3, 'Kirovohrad': 3, '"Luhans\'k"': 2, '"L\'viv"': 3, 'Mykolayiv': 2, 'Odessa': 1, 'Poltava': 2, 'Rivne': 2, 'Sumy': 3, '"Ternopil\'"': 1, 'Vinnytsya': 2, 'Volyn': 1, 'Transcarpathia': 1, 'Zaporizhzhya': 2, 'Zhytomyr': 1}

defaultdict(<class 'int'>, {1: 9, 2: 7, 3: 6, 4: 2})

Best Cost Seed: 17

Best Cost Frequencies: defaultdict(<class 'int'>, {1: 9, 2: 7, 3: 6, 4: 2})