

THE DEFINITION OF GRILLED Seared meat and veggies, toasted marshmallows and crispy pan-fried dumplings have a common denominator; they are all results of the grill effect known as the Maillard reaction. When cooking over fire was first discovered we found that it was easier for our bodies to absorb the nutrition in the food. Ever since then the scent of grilled food has sent signals to our brain that makes us both hungry and happy.

INTO THE SCIENCE: Where does the taste come from?

Digging into the flavour profile of grilled food with the experienced sensory experts at Santa Maria. We all love the grilled taste but what exactly is it that has kept us spellbound ever since cooking over fire was first invented?

GET THE MAILLARD REACTION

It is everywhere and it makes everything taste delicious. It is the reason why bread tastes so good and why coffee tastes roasted. It can even take credit for the hoppy taste in beer and of course it is behind everything we caramelise.

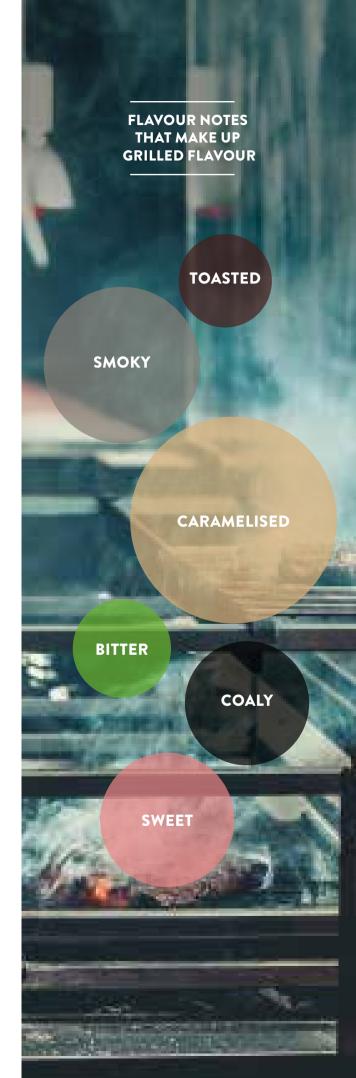
The Maillard reaction is so complex that scientists have barely figured out what it actually is. But they do understand this: The Maillard reaction is many small, simultaneous chemical reactions that occur when proteins and sugars in and on your food are transformed by heat, producing new flavours, aromas and colours.

The flavour from grilling is all about temperature.

GET THE TEMPERATURE

The Maillard reaction and the desirable caramelisation will not happen unless the temperature is just right. The impact of the flavour hinges on three reactions - direct contact between two materials such as the food and the pan, the heated air and radiation, such as infrared radiation from charcoal.

It all depends on how many of these three flavour enhancing reactions you use and how quickly they are transferred through the food. You also need to consider the breaking down of proteins when cooking. This starts above 50 °C and also affects texture and flavour. In a piece of red meat you want lots of flavour reaction on the surface while keeping the middle from overheating. On the other hand, when cooking at low temperatures you want to develop more flavour inside. Hence the inner and outer temperatures are key.



Trends & PREFERENCES

■ WE WANT MORE GRILLED FOOD

Grilled food is on the rise and the bbq category in general is evolving. People are starting to put a greater variety of foods on the grill and explore new and interesting flavourings.

58%

of Swedes believe that grilled food **taste better.**

BBQ

Bbq/ hamburger/ grilled meath is the **second biggest** eating out dinner category in the UK.

■ WE WANT INTERNATIONAL FLAVOURS

Guests expect and crave international flavours. They request exotic dishes at home as well as abroad. International flavours rather than classic bbq tastes offer the variation and excitement that they seek. Both UK consumers and Swedes are heavy on international dishes when eating out. South American, South East Asian, Mexican and North American cuisines are ranked as significant and growth cuisines.

TRADITIONAL COOKING WITH A TWIST

Consumers tend to choose what they're used to, both for lunch and dinner. In order to stay interesting, restaurants continuously tweak their menus and refine their offer. Although consumers often act on routine, they have a longing for variation and "the new". Finding the right balance between excitement and recognition is key.

MORE THAN 70%

of Swedes and UK consumers choose traditional dishes when eating out for lunch.





GREEN, GREEN, GREEN

HEALTHY IS HOT

Healthy, light and green are important drivers especially at lunch. Vegetarian dishes are seen as healthy options. 4 out of 10 Swedes eat vegetarian once or several times a week. Their own personal health is a big driver, but concerns for the planet, the animals and the effect of the meat industry on our climate plays a big role too.

FOOD THAT FEELS FRESH

Food that feels fresh is a main driver behind both lunch and dinner choices in restaurants. There is a strong underlying trend where consumers desire to eat lighter, healthier and greener. Consumers want healthier options but without

compromising on taste. It is important to still feel that you're treating yourself even when choosing a healthier alternative!

VEGGIE FLEXING

A lot of people still like their meat, but they are keen on eating more vegetarian for the sake of their health and the environment. These are guests who make up an important size of both the lunch and dinner scene.

46% of Swedish consumers and 32% of the UK consumers consider themselves flexitarians when it comes to eating out for dinner.

GREEN AS A MAIN

54% of Swedes wants to grill more veggies.

In 2015 37% of the Swedes stated that they like to use veggies as a main ingredient when they grill at home. In 2018 that figure increased to 50%.

SWEDES ON ORIGIN & ORGANIC 52% of the Swedes thinks origin is important

40% of the Swedes wants to eat more organic 43% of the Swedes wants to grill more organic

LUNCH& DINNER HABITS Santa Maria asked 500 UK consumers and 500 Swedes about their eating out habits. Here are the

out habits. Here are the

THE GUESTS

More men than women eat out.

Young people in the UK eat out more often than the age group over 40

Swedes eat lunch out more frequently than UK consumers.

UK consumers eat dinner out more frequently than Swedes.

The number of flexitarians is high in Sweden.

UK consumers claim to eat BBQ. Hamburger/ grilled meat 50 times a year when going out for dinner



MOTIVES FOR EATING OUT?

Spending time with family friends colleagues is the most important motive for dining out in both UK and Sweden.

Variety, a break and change of scenery are important motives for lunching out in both the UK and Sweden.

The second most common motive for Swedes is that they don't have the time or means to bring a lunch box.

The UK has a high share of guests who like to lunch out to taste and try out new dishes.

Swedes want indulgence and added flavour to everyday life when eating dinner out.

WHY DO YOU EAT LUNCH OUT?



WHY DO YOU EAT DINNER OUT?

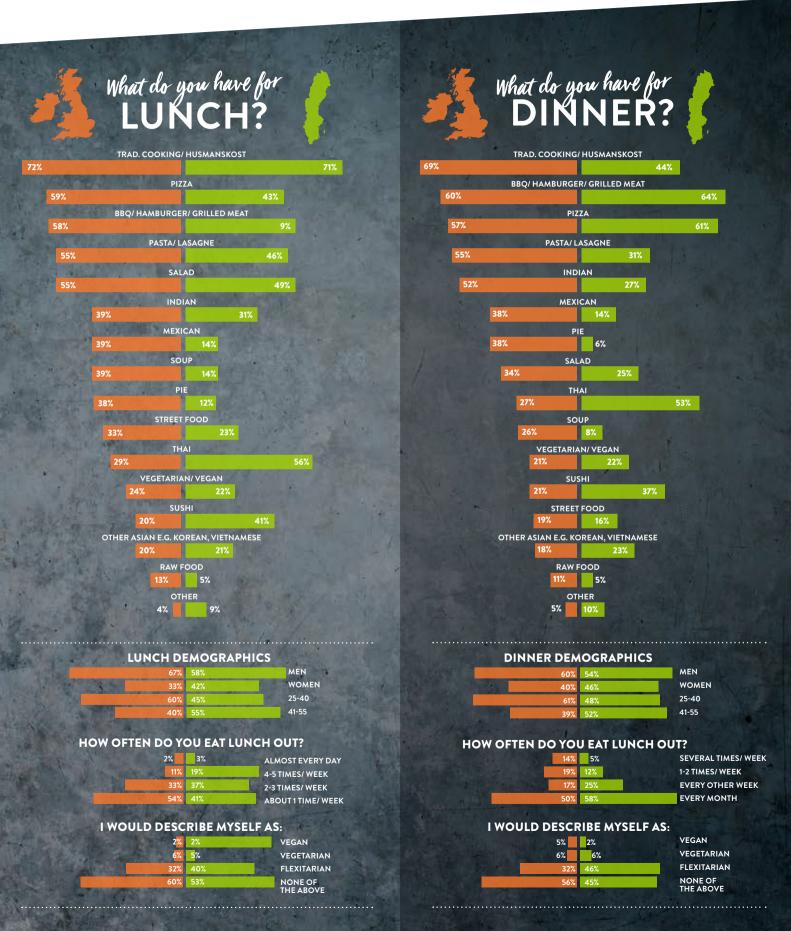


WHAT DO THEY EAT?

Traditional national cooking is the most common type of food.

Bbq/ hamburger/ grilled meat is the third most popular type of lunch when eating out.

Bbq/ hamburger/ grilled meat is the **most popular category in Sweden** and second most popular category in the UK when **eating dinner** in restaurants and pubs.



Enter a world Lavill Alavours!

BRITISH

CALIFORNIAN



NORTH AMERICAN BBQ



MEXICAN

NORTH AMERICAN

The sticky, fingerlicking good all American barbecue will never go out of style. The "home of the low'n slow" is still top-of-mind when most of us crave grilled



GRE MED

NORTH AFRICAN

Our love story with Mexican food is still going strong. The versatile dishes, the myriad of flavours and the social contest. The trend is leaning towards the more authentic Mexican kitchen. Focos now is on a selected few, high quality ingredients such as a grilled flank steak, avocado chipotle mayo, keso fresco topped with a slice of lime and a spoonful of salsa.

JAMAICAN



SOUTH AMERICAN



BRAZILIAN

ARGENTINIAN

SOUTH AMERICAN

AND THE CARIBBEAN in particular is really cooking. Literally speaking. From Asado, the social grill over charcoal tradition in Argentina to the Churrasco of Brazil where meat is cooked on skewers over an open fire. It is often served with chimichurri, a vibrant green sauce made with chopped parsley, cilantro, garlic, olive oil, and lime juice.

JAPANESE Bite-sized dishes served in Izakayas, which are Japanese gastropubs, typically include miso MIDDLE EASTERN glazed glossy, tangy, sweet and savory chicken Skewered meats called kebabs, grilled over and seafood skewers. a charcoal fire, are a specialty of the entire region, but may have originated in Turkey. Yakiniku is the name for grilled meat and vegetables, cooked on skewers and served with various sauces The most common meat is lamb, either in (tare) including soy mixed with sake, mirin, sugar, bite-size pieces or ground and formed into garlic, fruit juice, and sesame. The most familiar lozenges (kofta or seekh kebab). They are often served with a tart salad or an accompaniment of pita, crisp vegetables, include yakitori (charcoal-grilled chicken) and teriyaki (meat, fish, or vegetables glazed with soy sauce, mirin, and sugar). and a vogurt-based sauce. NORDIC EK & EASTERN **ITERRANEAN JAPANESE** TAIWANESE & KOREAN CHINESE MIDDLE EASTERN This Asian country's tradition of gogigui (meat roast) centers on tabletop grills where diners grill their own thinly sliced meats, marinated in a mixture of soy, CONTEMPORARY INDIAN sugar, garlic, sesame, and sliced onions, including beef sirloin (bulgogi), short ribs (kalbi or **ETHIOPEAN** galbi), and spicy pork (dwaeji galbi). Once cooked, the meat **SOUTH EAST** ASIAN is often dabbed with spicy bean paste and wrapped in lettuce. CONTEMPORARY INDIAN Indian Tandoori handles grilled food in a subtle, traditional way that has never been more right on target now that our need for green foods just

keeps on growing. The Indian kitchen

is naturally vegetarian. You can add

meat if you want to, but it's no deal

breaker.

SOUTH AFRICAN

GROWING LIFESTYLE

INFLUENCE

AUSTRALIAN

TREND: SMALL GRILLS & HIGH HEAT.

Direct heat, from a small heat-source is on the rise. Traditionally in Korea and Japan, the meat is cooked on small table grills. But it is not far from how veggies and meat is cooked in the Middle East on sqewers. The result is a crispy and caramelised outside and juicy insides.

Make sure you cut everything up in small sizes before it goes on the grill.



Menu items involving "Korean barbecue" has grown more than 775% in the US over an 11-year-long time span (2005-2016). Many of these offerings were in the form of excitement-generating and limited-time-only menu items, such as the Korean BBQ Burgers.

GRILL TRADITION: COOKING IN A PIT IN THE GROUND.

A 5000+ year old tradition is still hot. To dig a firepit, put in meat or veggies and cover with hot stones. In Argentina it is called asado, in Sweden it is called kokgrop. But the idea is the same. Low heat, long time, and don't let any juice get away.

Today you can tightly wrap your ingredients in tinfoil and bake in a regular oven to get the same effect.

Trends & Traditions

GRILL TRADITION: OVER-NIGHT MARINADES

Tanzanian, Mexican and Indian all share the same marinating hack: enzyme-rich overnight marinades.

In Mexico it is done with chilli, tequila and lime, in Tanzania with green papaya, and in India with yoghurt garlic and ginger.

But the result is the same, the meat gets tenderized and juicy and can then be flavoured with dry spices before it goes on the grill.

KITCHEN HACK: CATCH THE SMOKE.

Smoky flavour is much more than hickory. The taste can come from juniper branches, avocado leaves or just some dry grass. Get creative!

The important thing to know is that smoky flavour sticks to fat very well. That is why smoked food all over the world tends to be fat fish and fat meat.

A trick is to smoke oil or butter to transfer the smoky flavour to vegetables.

ECONOMICS: PRICEY M€AT.

"For the price we are paying for brisket, we could be eating prime rib."

In Texas restaurants guests pay a high amount for cheaper cuts. This shows us that if we handle ingredients with care our guest are willing to pay a bit more.

Tradition vs Innovation

TASTY EACH TIME

Guests want their favourite dishes to taste the same every time. UK lunch restaurants tend to stick to a set menu since they don't have as many returning guests. Swedish restaurants get a lot of guests who come back on a daily basis and need to offer both variation and set dishes. In both countries, it is important to maintain the same taste on set dishes in order to keep returning guests happy; both for the sake of sales and for the restaurant's reputation.

GRILL BEFORE BBQ

The word bbq is linked to summer and outdoor activities and American flavours. The word grill on the other hand is associated with contemporary cooking and food that can be cooked both outside and indoors. And all year around!

TWEAK THE TRADITIONAL

Consumers are keen on familiar dishes with a new twist. They long for new unique flavours and fresh ingredients. They want to play it safe but at the same time explore the new.

NAME IT RIGHT

It is the dishes themselves that attract the consumer, not just the fact that they are barbecued. So name your dishes with care.

REMEMBER THE STORYTELLING

Your guests want to hear the story behind your ideas. They want to be swept away and inspired, feel that what they're eating is genuine and prepared with care.

YOUR GUESTS PREFER THESE ATTRIBUTE WHEN DISCOVERING NEW DISHES ON A MENU:



SEASONAL FLAVOURS



FRESH INGREDIENTS







bbq & grill trends and influences within the Eating OUT MARKET.

TAKEAWAYS:

Grilled food can give your guests a feeling of euphoria.

Guests are keen on both traditional dishes and international flavours.

Guests want more veggies.

Healthy & light are important drivers especially at lunch.

Guests love storytelling, so make sure to share the story behind your menu.

SOURCES:

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